

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042324\
 Data File : BG061013.D
 Acq On : 23 Apr 2024 18:39
 Operator : MA/JU
 Sample : P2166-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RPI-SS-DUP-01MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Apr 24 00:14:48 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							04/24/2024
1) 1,4-Dichlorobenzene-d4	7.941	152	26377	20.000	ng	0.00	Supervised By :mohammad Ahmed
21) Naphthalene-d8	10.738	136	101770	20.000	ng	0.00	
39) Acenaphthene-d10	14.575	164	80240	20.000	ng	0.00	
64) Phenanthrene-d10	17.319	188	191664	20.000	ng	0.00	
76) Chrysene-d12	21.584	240	194981	20.000	ng	0.00	
86) Perylene-d12	24.710	264	232019	20.000	ng	0.01	04/27/2024
System Monitoring Compounds							
5) 2-Fluorophenol	5.538	112	164095	125.838	ng	0.01	
7) Phenol-d6	7.119	99	216124	111.703	ng	0.01	
23) Nitrobenzene-d5	9.099	82	150718	66.538	ng	0.00	
42) 2,4,6-Tribromophenol	16.067	330	192083	109.014	ng	0.00	
45) 2-Fluorobiphenyl	13.194	172	411168	70.920	ng	0.00	
79) Terphenyl-d14	19.939	244	789316	62.837	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	3.453	88	17034	37.744	ng		97
3) Pyridine	3.840	79	48051	34.445	ng		91
4) n-Nitrosodimethylamine	3.752	42	53292	42.475	ng		96
6) Aniline	7.272	93	32689	14.057	ng		96
8) 2-Chlorophenol	7.513	128	75598	46.528	ng		98
9) Benzaldehyde	7.084	77	3786	3.804	ng	#	82
10) Phenol	7.148	94	87919	45.737	ng		96
11) bis(2-Chloroethyl)ether	7.366	93	56510	41.089	ng		99
12) 1,3-Dichlorobenzene	7.836	146	86676	48.105	ng		99
13) 1,4-Dichlorobenzene	7.983	146	87720	47.264	ng		97
14) 1,2-Dichlorobenzene	8.294	146	86821	47.866	ng		94
15) Benzyl Alcohol	8.182	79	73932	40.471	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.464	45	125190	41.816	ng		98
17) 2-Methylphenol	8.388	107	63761	41.079	ng		93
18) Hexachloroethane	9.023	117	31623	47.286	ng		98
19) n-Nitroso-di-n-propyla...	8.746	70	54198	37.588	ng		95
20) 3+4-Methylphenols	8.717	107	84121	38.753	ng		100
22) Acetophenone	8.758	105	116730	41.077	ng	#	96
24) Nitrobenzene	9.140	77	89129	40.949	ng	#	98
25) Isophorone	9.663	82	148137	39.078	ng		99
26) 2-Nitrophenol	9.851	139	43734	42.752	ng		96
27) 2,4-Dimethylphenol	9.916	122	55940	34.117	ng		95
28) bis(2-Chloroethoxy)met...	10.145	93	80061	40.148	ng		93
29) 2,4-Dichlorophenol	10.392	162	84920	44.874	ng		99
30) 1,2,4-Trichlorobenzene	10.603	180	101642	48.680	ng		96
31) Naphthalene	10.791	128	245080	43.987	ng		100
32) Benzoic acid	10.074	122	57390m	45.937	ng		
33) 4-Chloroaniline	10.891	127	27715	10.950	ng		96
34) Hexachlorobutadiene	11.079	225	87422	47.609	ng		99
35) Caprolactam	11.678	113	24203m	40.153	ng		
36) 4-Chloro-3-methylphenol	12.031	107	89471	40.538	ng		96
37) 2-Methylnaphthalene	12.395	142	180662	41.240	ng		98
38) 1-Methylnaphthalene	12.618	142	168765	41.283	ng		97
40) 1,2,4,5-Tetrachloroben...	12.765	216	147716	51.803	ng		99
41) Hexachlorocyclopentadiene	12.748	237	116785	69.604	ng		97
43) 2,4,6-Trichlorophenol	13.006	196	89028	47.496	ng		99

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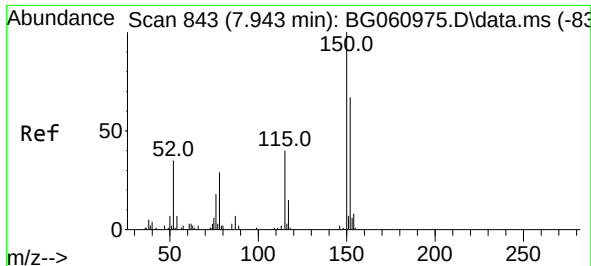
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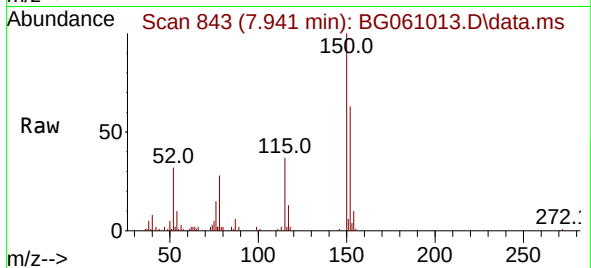
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.083	196	99207	44.743	ng	96
46) 1,1'-Biphenyl	13.406	154	256730	47.500	ng	97
47) 2-Chloronaphthalene	13.447	162	206319	49.786	ng	95
48) 2-Nitroaniline	13.647	65	70074	41.898	ng	97
49) Acenaphthylene	14.299	152	333234	47.746	ng	98
50) Dimethylphthalate	14.034	163	273482	41.332	ng	99
51) 2,6-Dinitrotoluene	14.146	165	58471	42.351	ng	97
52) Acenaphthene	14.640	154	186223	43.912	ng	96
53) 3-Nitroaniline	14.475	138	34391	25.262	ng	89
54) 2,4-Dinitrophenol	14.687	184	49488	56.758	ng	100
55) Dibenzofuran	14.974	168	323538	44.180	ng	99
56) 4-Nitrophenol	14.798	139	91008	93.313	ng	98
57) 2,4-Dinitrotoluene	14.939	165	84955	42.725	ng	94
58) Fluorene	15.621	166	265600	42.970	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.204	232	100733	45.013	ng	98
60) Diethylphthalate	15.397	149	268665	41.231	ng	99
61) 4-Chlorophenyl-phenyle...	15.615	204	156904	41.159	ng	96
62) 4-Nitroaniline	15.638	138	50880	34.661	ng	88
63) Azobenzene	15.909	77	221763	41.842	ng	96
65) 4,6-Dinitro-2-methylph...	15.703	198	38537	32.563	ng	91
66) n-Nitrosodiphenylamine	15.832	169	240249	45.498	ng	97
67) 4-Bromophenyl-phenylether	16.514	248	114831	45.397	ng	94
68) Hexachlorobenzene	16.631	284	137175	49.096	ng	98
69) Atrazine	16.784	200	104722	52.989	ng	99
70) Pentachlorophenol	16.972	266	179540	97.997	ng	98
71) Phenanthrene	17.366	178	435058	44.470	ng	98
72) Anthracene	17.454	178	441218	43.790	ng	98
73) Carbazole	17.724	167	373037	44.579	ng	99
74) Di-n-butylphthalate	18.294	149	434390	42.757	ng	100
75) Fluoranthene	19.375	202	552478	42.552	ng	97
77) Benzidine	19.551	184	135276	37.444	ng	99
78) Pyrene	19.739	202	562050	42.335	ng	99
80) Butylbenzylphthalate	20.633	149	186516	42.150	ng	99
81) Benzo(a)anthracene	21.567	228	618554	45.122	ng	98
82) 3,3'-Dichlorobenzidine	21.479	252	144628	29.193	ng	99
83) Chrysene	21.631	228	581550	44.558	ng	99
84) Bis(2-ethylhexyl)phtha...	21.490	149	267804	41.627	ng	99
85) Di-n-octyl phthalate	22.677	149	462062	43.260	ng	99
87) Indeno(1,2,3-cd)pyrene	28.271	276	752544m	46.755	ng	
88) Benzo(b)fluoranthene	23.729	252	626471	47.646	ng	98
89) Benzo(k)fluoranthene	23.788	252	613565	46.226	ng	100
90) Benzo(a)pyrene	24.569	252	586776	46.106	ng	99
91) Dibenzo(a,h)anthracene	28.329	278	627773	47.739	ng	99
92) Benzo(g,h,i)perylene	29.375	276	528345m	40.522	ng	

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

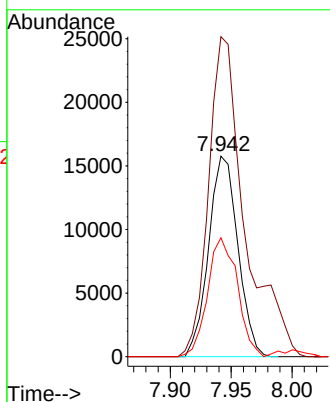
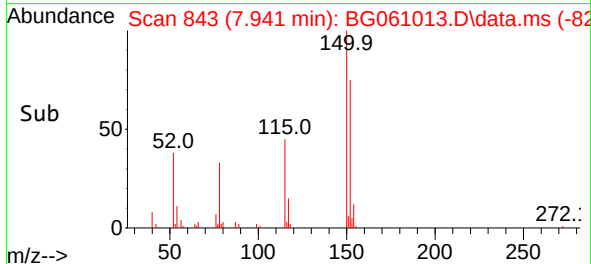
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:152 Resp: 2637
Ion Ratio Lower Upper
152 100
150 159.6 118.6 178.0
115 59.3 47.4 71.0

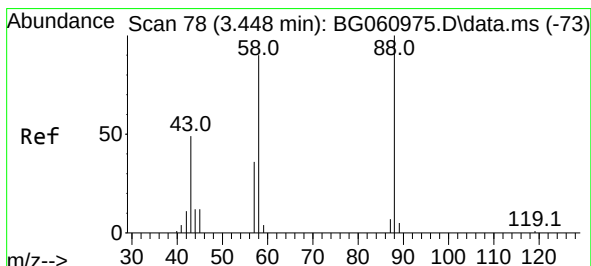
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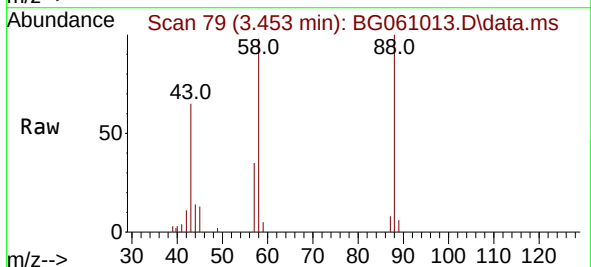


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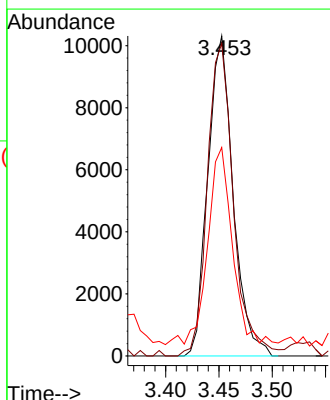
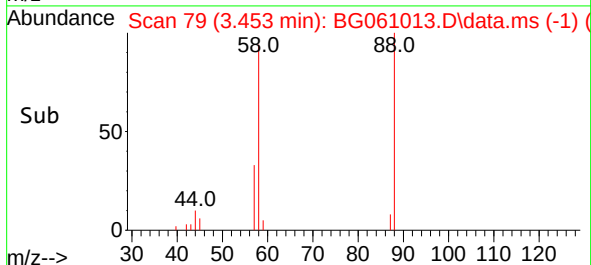
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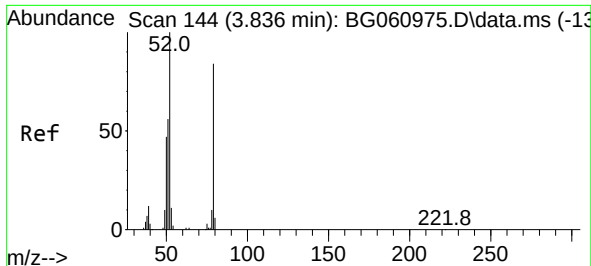


#2
1,4-Dioxane
Concen: 37.744 ng
RT: 3.453 min Scan# 79
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39



Tgt Ion: 88 Resp: 17034
Ion Ratio Lower Upper
88 100
58 100.5 80.2 120.2
43 60.0 43.4 65.0





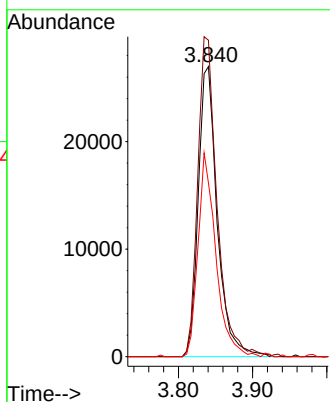
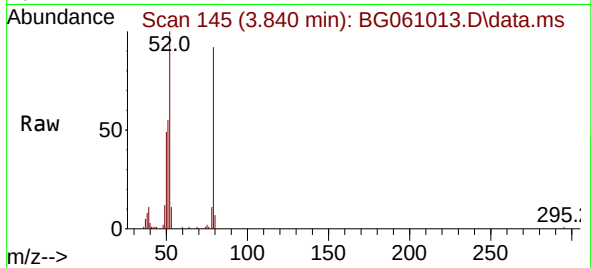
#3
Pyridine
Concen: 34.445 ng
RT: 3.840 min Scan# 144
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MS

Tgt Ion: 79 Resp: 4805
Ion Ratio Lower Upper
79 100
52 109.1 95.0 142.6
51 59.9 53.3 79.9

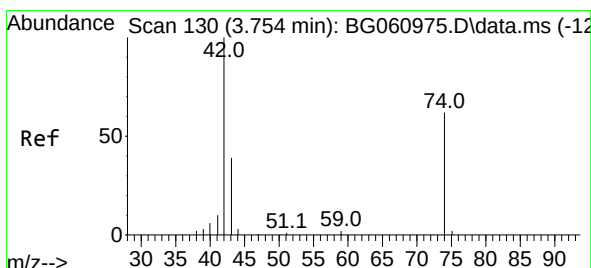
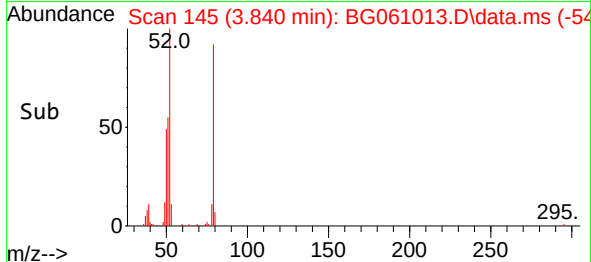
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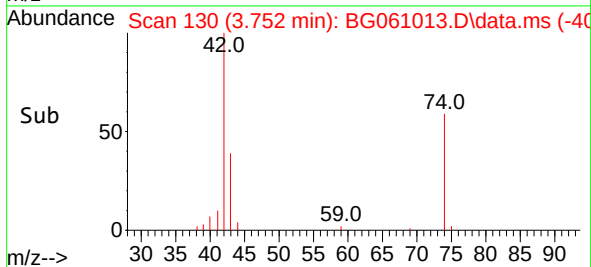
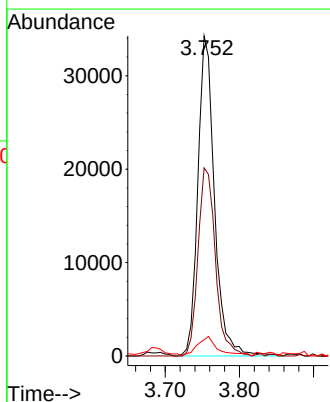
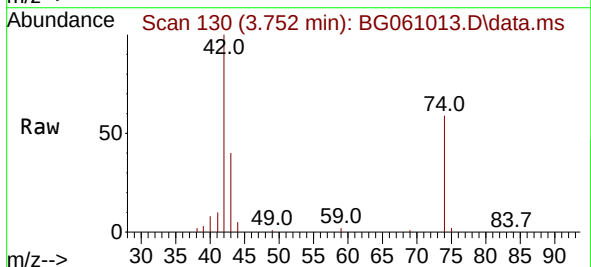
04/24/2024
Supervised By :mohammad
ahmed

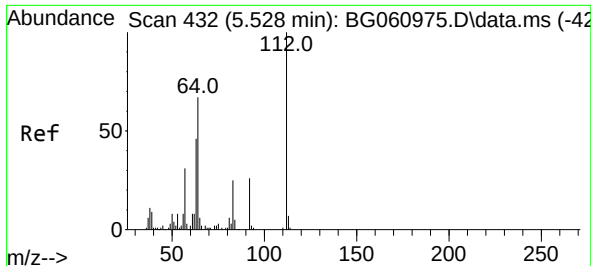
04/27/2024



#4
n-Nitrosodimethylamine
Concen: 42.475 ng
RT: 3.752 min Scan# 130
Delta R.T. -0.001 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

Tgt Ion: 42 Resp: 53292
Ion Ratio Lower Upper
42 100
74 58.8 49.8 74.6
44 5.1 3.8 5.6





#5
2-Fluorophenol
Concen: 125.838 ng
RT: 5.538 min Scan# 41
Delta R.T. 0.010 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

Instrument :

BNA_G

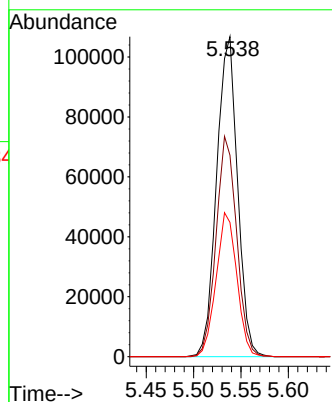
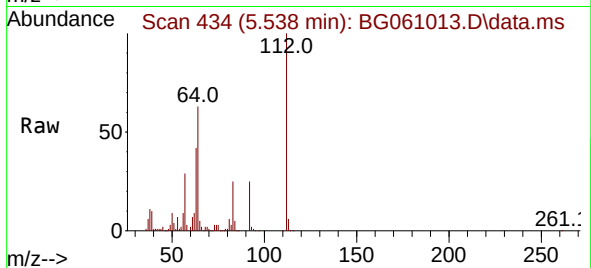
ClientSampleId :

RPI-SS-DUP-01MS

Tgt Ion:112 Resp: 16409
Ion Ratio Lower Upper
112 100
64 63.0 53.7 80.5
63 42.0 37.0 55.6

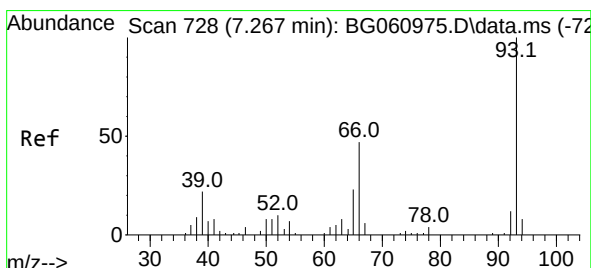
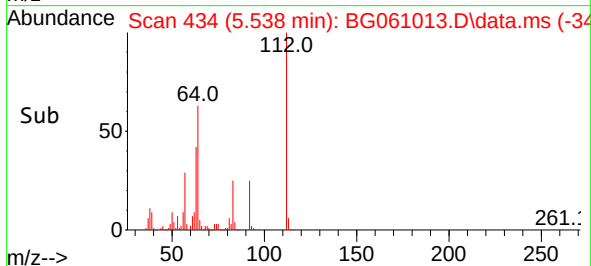
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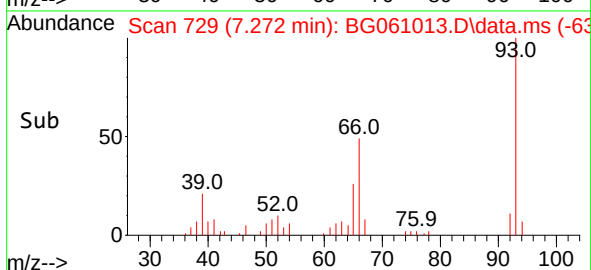
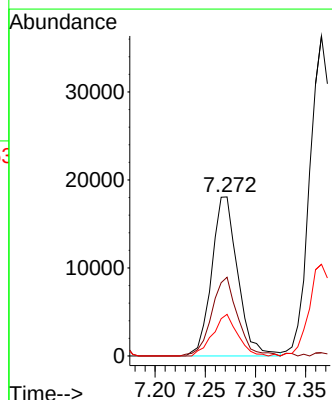
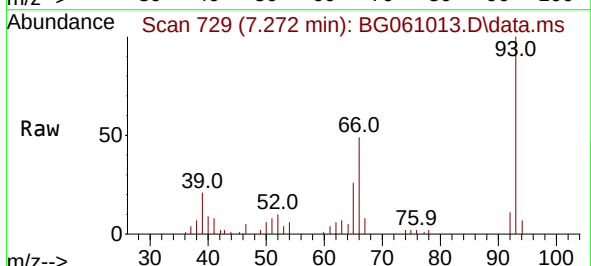
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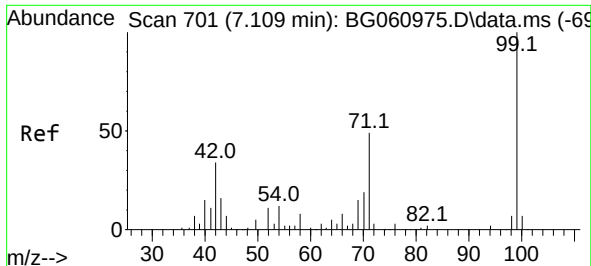
04/27/2024



#6
Aniline
Concen: 14.057 ng
RT: 7.272 min Scan# 729
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

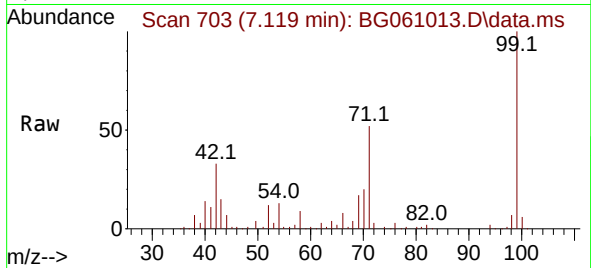
Tgt Ion: 93 Resp: 32689
Ion Ratio Lower Upper
93 100
66 49.5 37.9 56.9
65 26.2 18.2 27.4





#7
Phenol-d6
Concen: 111.703 ng
RT: 7.119 min Scan# 701
Delta R.T. 0.010 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

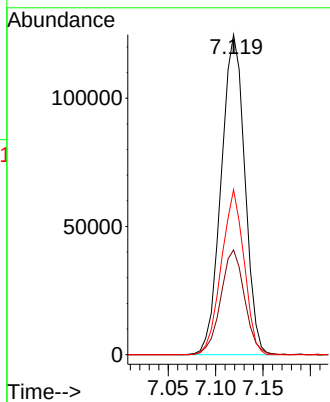
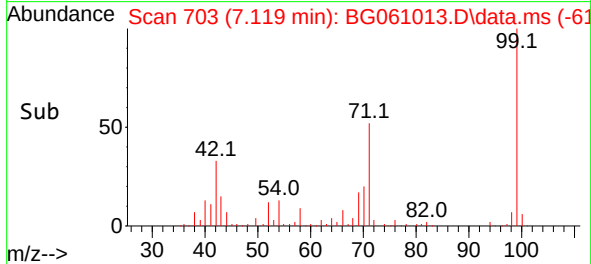
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MS



Tgt Ion: 99 Resp: 216124
Ion Ratio Lower Upper
99 100
42 32.7 27.2 40.8
71 51.5 38.8 58.2

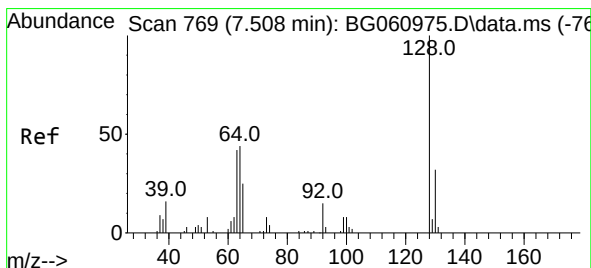
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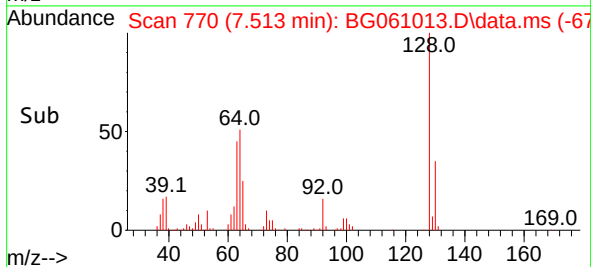
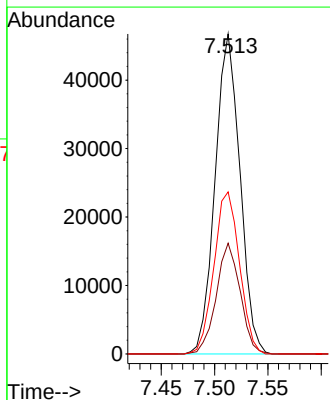
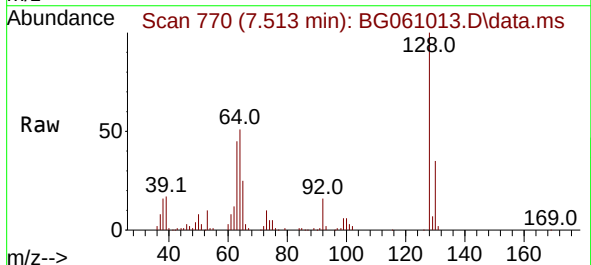
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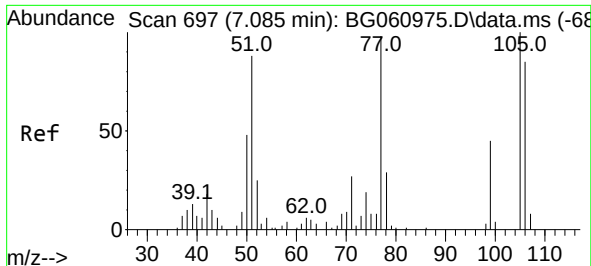
04/27/2024



#8
2-Chlorophenol
Concen: 46.528 ng
RT: 7.513 min Scan# 770
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

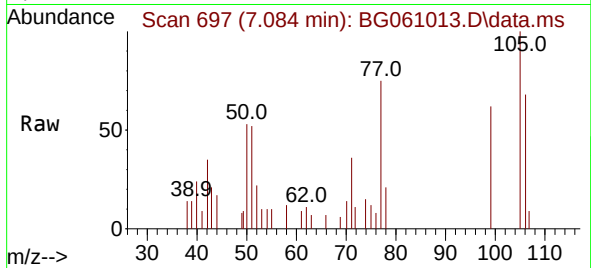
Tgt Ion:128 Resp: 75598
Ion Ratio Lower Upper
128 100
130 34.6 12.2 52.2
64 50.6 30.8 70.8





#9
Benzaldehyde
Concen: 3.804 ng
RT: 7.084 min Scan# 697
Delta R.T. -0.001 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

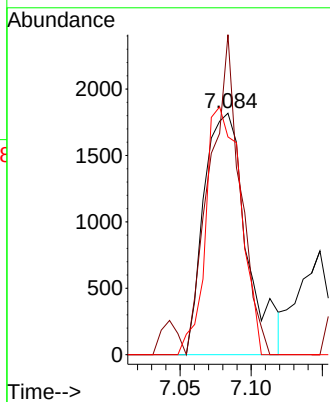
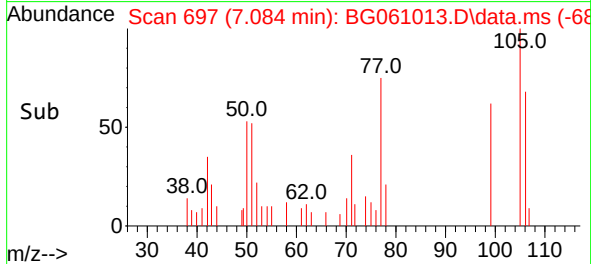
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MS



Tgt Ion: 77 Resp: 3780
Ion Ratio Lower Upper
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105 132.5 81.7 121.7
106 90.2 66.7 106.7

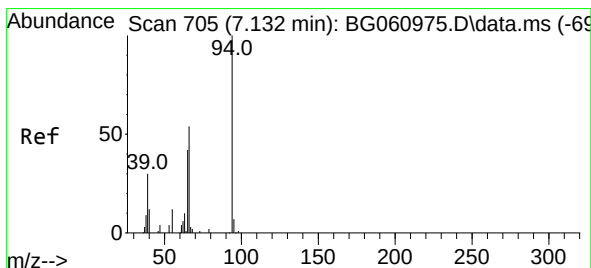
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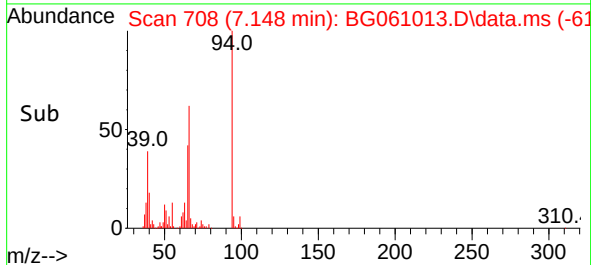
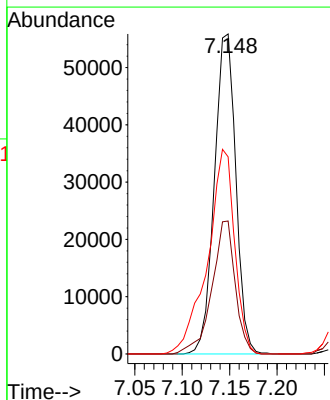
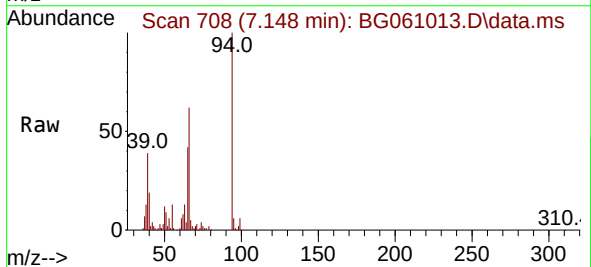
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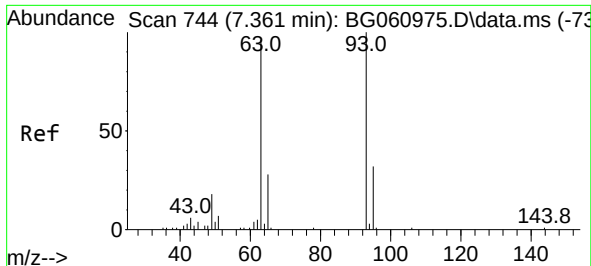
04/27/2024



#10
Phenol
Concen: 45.737 ng
RT: 7.148 min Scan# 708
Delta R.T. 0.016 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

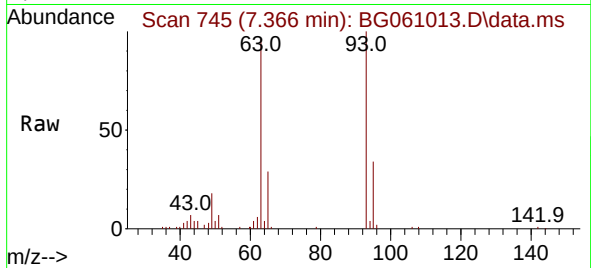
Tgt Ion: 94 Resp: 87919
Ion Ratio Lower Upper
94 100
65 41.5 23.1 63.1
66 61.6 38.0 78.0





#11
bis(2-Chloroethyl)ether
Concen: 41.089 ng
RT: 7.366 min Scan# 744
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

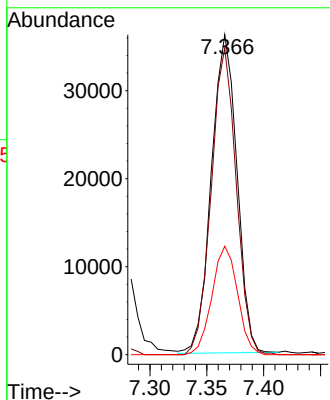
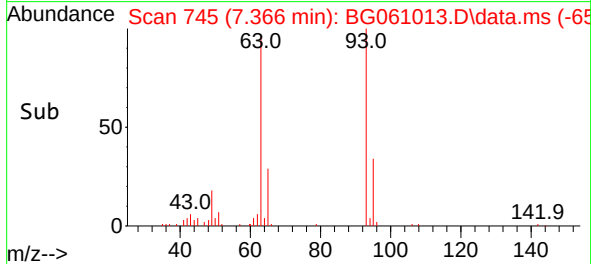
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MS



Tgt Ion: 93 Resp: 56510
Ion Ratio Lower Upper
93 100
63 95.8 75.6 115.6
95 33.9 12.1 52.1

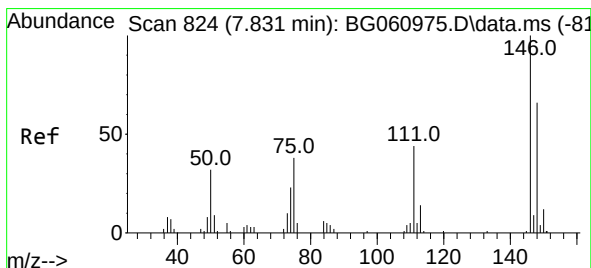
Manual Integrations
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Reviewed By :Yogesh
Patel

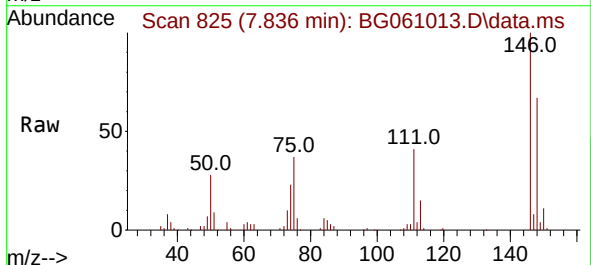


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Supervised By :mohammad
ahmed

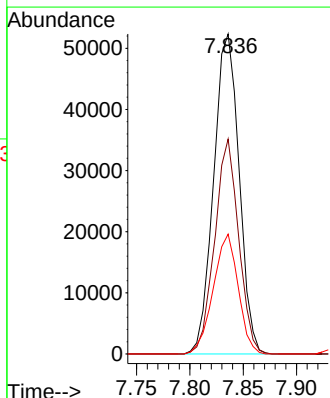
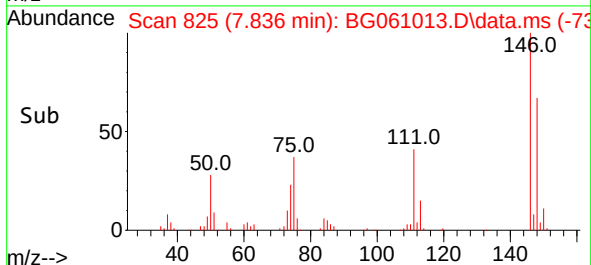
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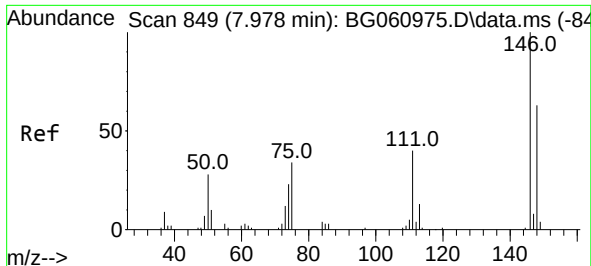


#12
1,3-Dichlorobenzene
Concen: 48.105 ng
RT: 7.836 min Scan# 825
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39



Tgt Ion:146 Resp: 86676
Ion Ratio Lower Upper
146 100
148 67.2 52.7 79.1
75 37.5 30.1 45.1





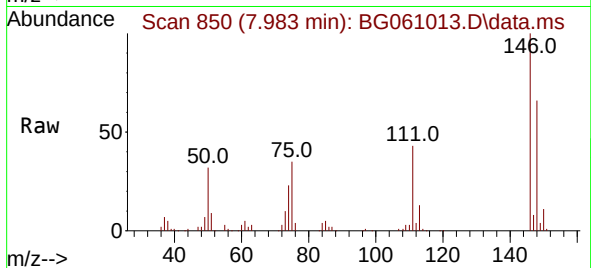
#13
1,4-Dichlorobenzene
Concen: 47.264 ng
RT: 7.983 min Scan# 849
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

Instrument :

BNA_G

ClientSampleId :

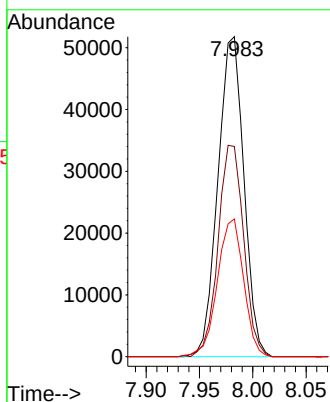
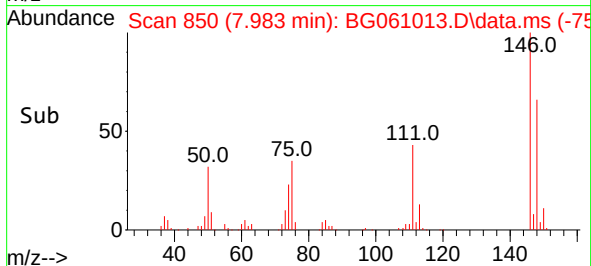
RPI-SS-DUP-01MS



Tgt Ion:146 Resp: 87720
Ion Ratio Lower Upper
146 100
148 65.7 50.4 75.6
111 43.1 32.7 49.1

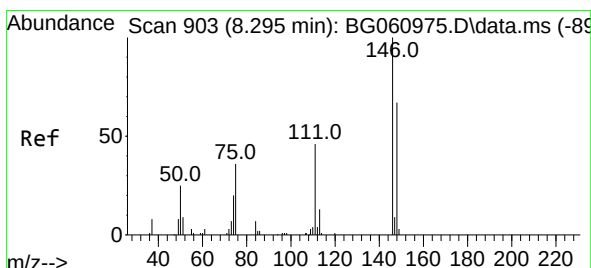
Manual Integrations
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Patel

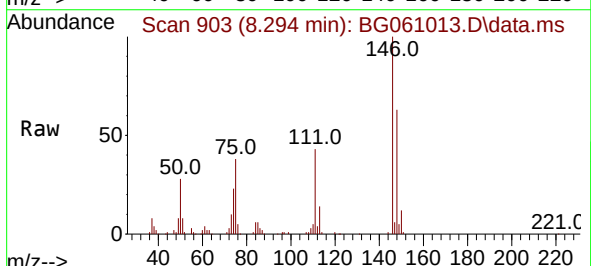


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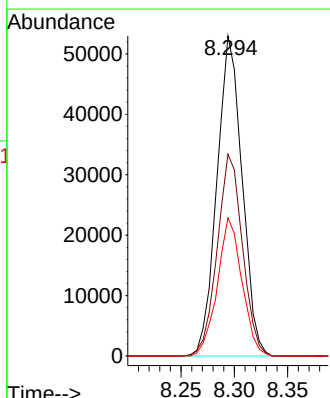
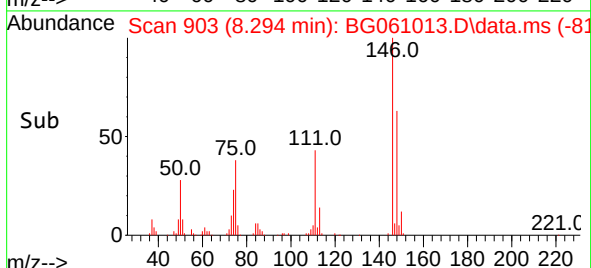
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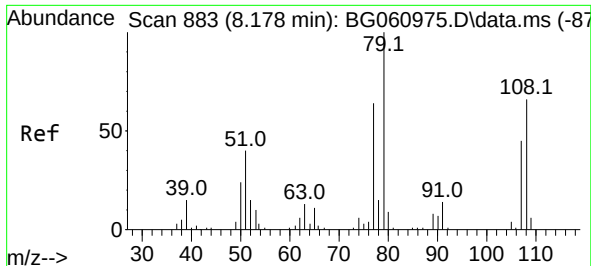


#14
1,2-Dichlorobenzene
Concen: 47.866 ng
RT: 8.294 min Scan# 903
Delta R.T. -0.001 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39



Tgt Ion:146 Resp: 86821
Ion Ratio Lower Upper
146 100
148 63.0 53.8 80.8
111 43.1 38.2 57.2





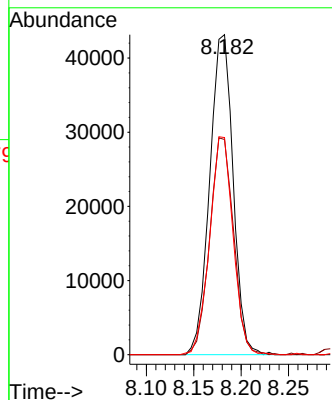
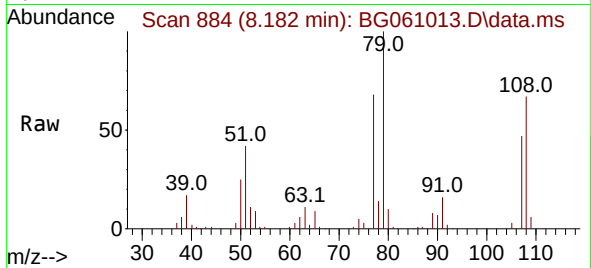
#15
Benzyl Alcohol
Concen: 40.471 ng
RT: 8.182 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MS

Tgt Ion: 79 Resp: 7393
Ion Ratio Lower Upper
79 100
108 67.2 53.0 79.6
77 67.9 51.4 77.0

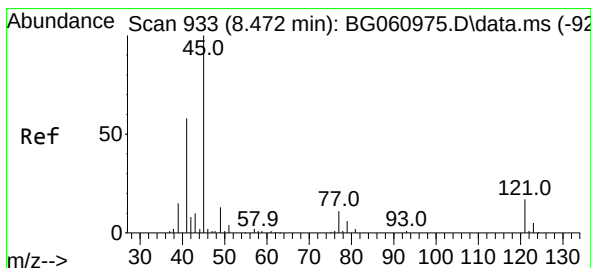
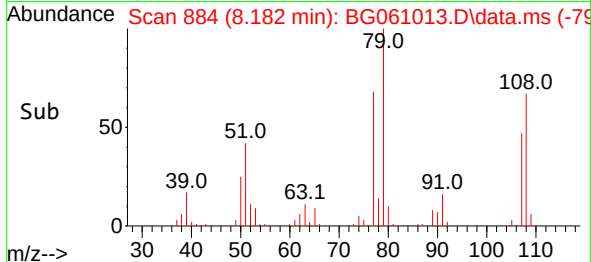
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



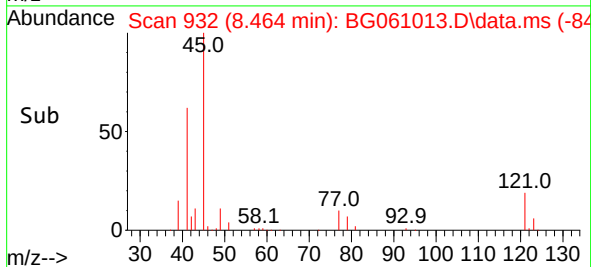
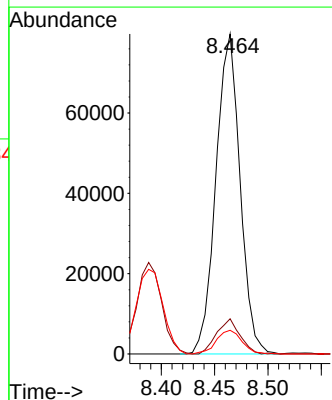
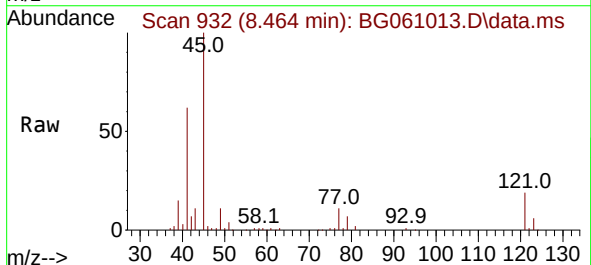
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Supervised By :mohammad
ahmed

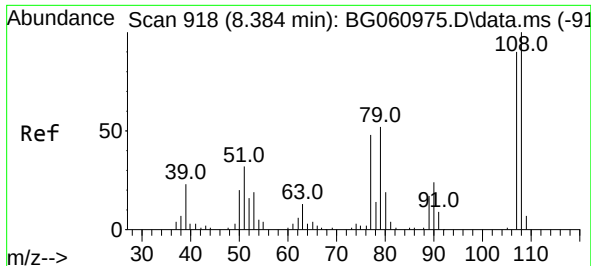
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.816 ng
RT: 8.464 min Scan# 932
Delta R.T. -0.007 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

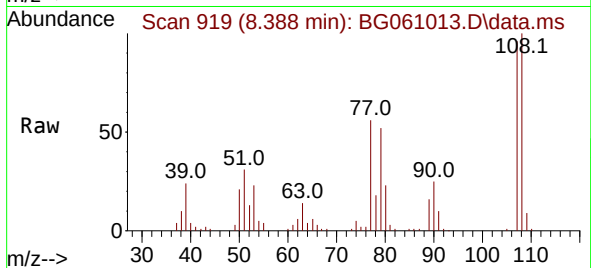
Tgt Ion: 45 Resp: 125190
Ion Ratio Lower Upper
45 100
77 11.0 0.0 30.6
79 7.4 0.0 26.6





#17
2-Methylphenol
Concen: 41.079 ng
RT: 8.388 min Scan# 918
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

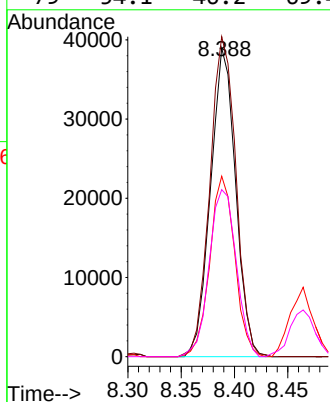
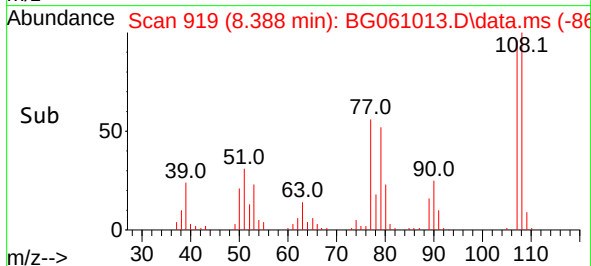
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MS



Tgt Ion:	107	Resp:	6376
Ion Ratio	Lower	Upper	
107	100		
108	103.7	89.2	133.8
77	58.5	43.0	64.6
79	54.1	46.2	69.4

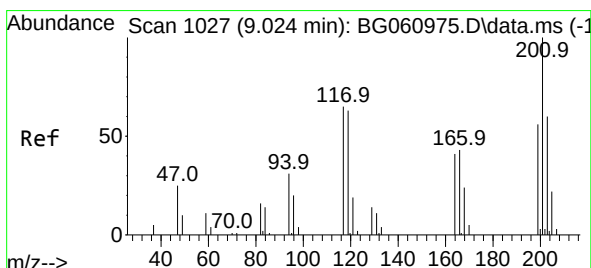
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Patel



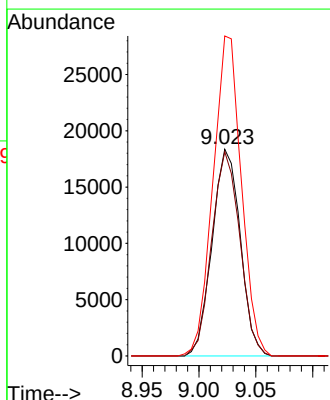
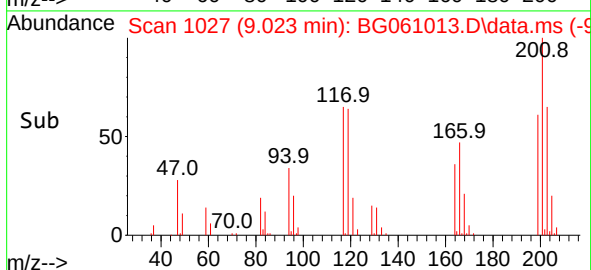
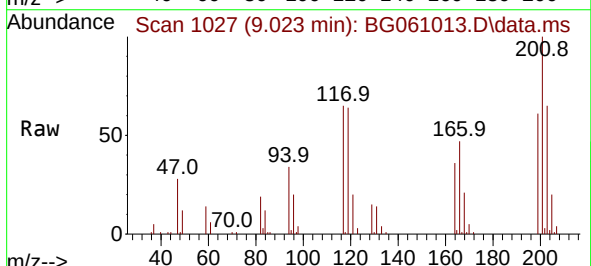
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Supervised By :mohammad
ahmed

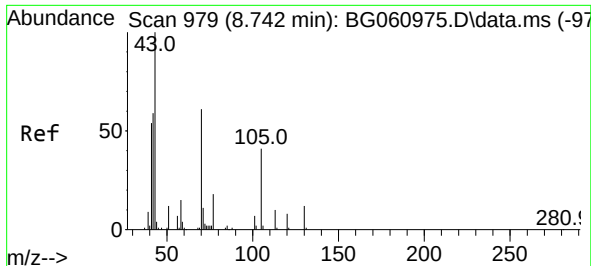
04/27/2024



#18
Hexachloroethane
Concen: 47.286 ng
RT: 9.023 min Scan# 1027
Delta R.T. -0.001 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

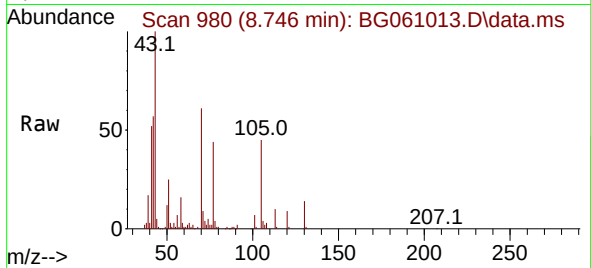
Tgt Ion:	117	Resp:	31623
Ion Ratio	Lower	Upper	
117	100		
119	97.3	79.8	119.8
201	152.5	124.0	186.0





#19
n-Nitroso-di-n-propylamine
Concen: 37.588 ng
RT: 8.746 min Scan# 979
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

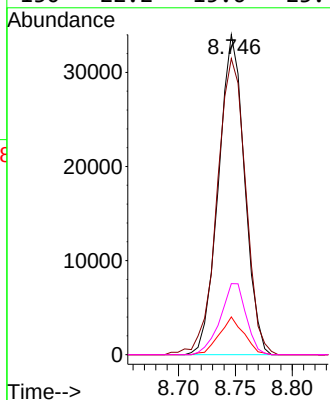
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MS



Tgt Ion: 70 Resp: 54198
Ion Ratio Lower Upper
70 100
42 92.6 78.0 117.0
101 11.8 8.6 13.0
130 22.2 15.6 23.4

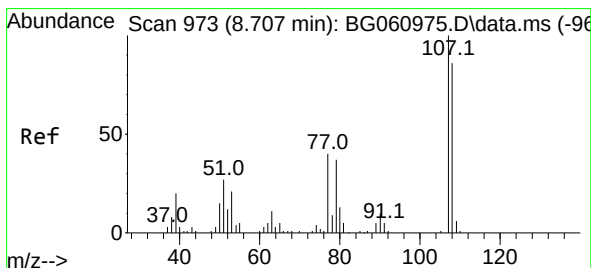
Manual Integrations
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Patel



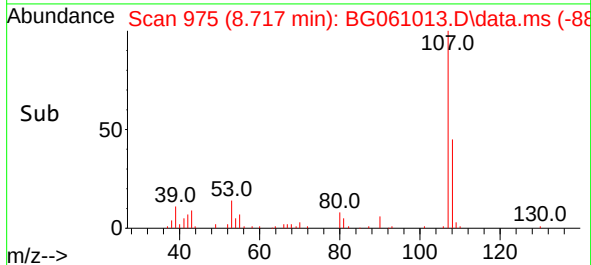
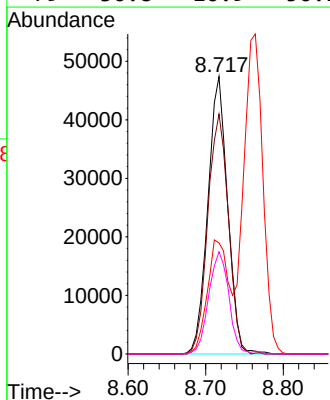
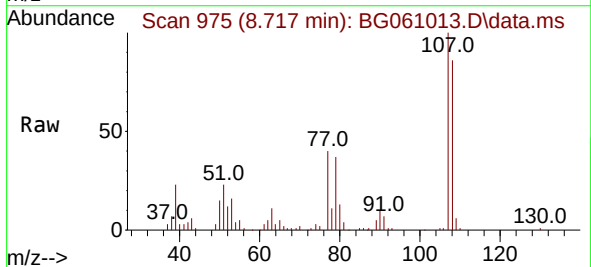
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ahmed

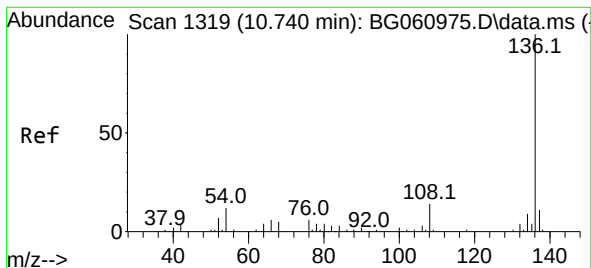
04/27/2024



#20
3+4-Methylphenols
Concen: 38.753 ng
RT: 8.717 min Scan# 975
Delta R.T. 0.010 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

Tgt Ion:107 Resp: 84121
Ion Ratio Lower Upper
107 100
108 86.4 66.5 106.5
77 40.0 19.9 59.9
79 36.8 16.9 56.9





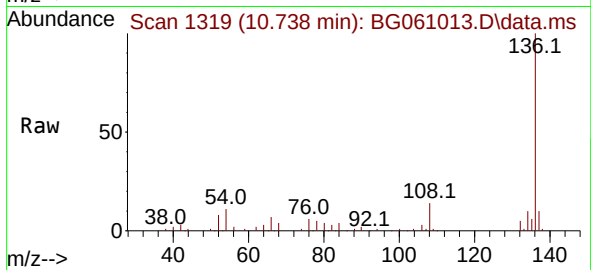
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 1319
Delta R.T. -0.002 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

Instrument :

BNA_G

ClientSampleId :

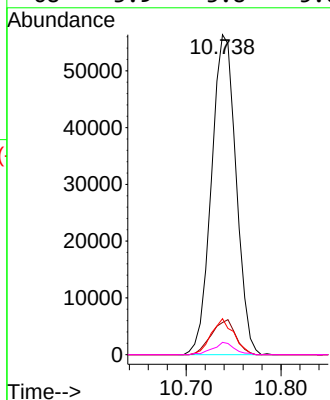
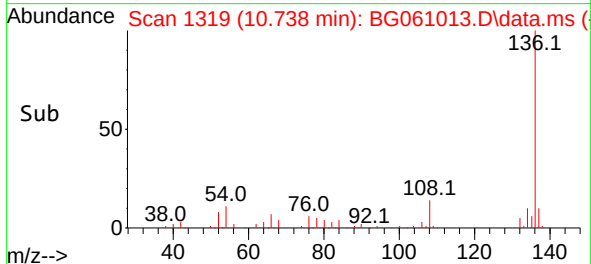
RPI-SS-DUP-01MS



Tgt Ion:136 Resp: 101770
Ion Ratio Lower Upper
136 100
137 10.1 8.5 12.7
54 11.3 9.4 14.0
68 3.9 3.8 5.6

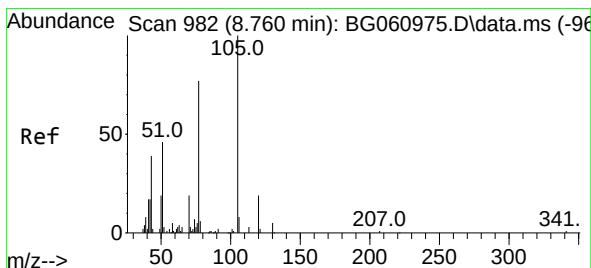
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



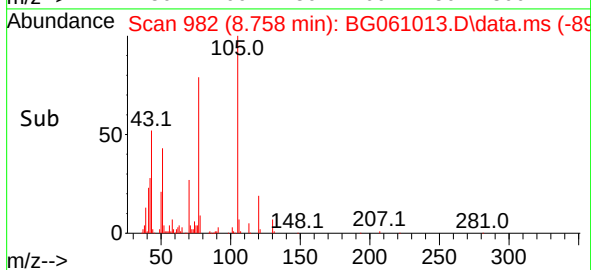
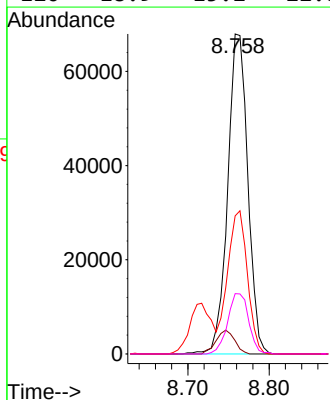
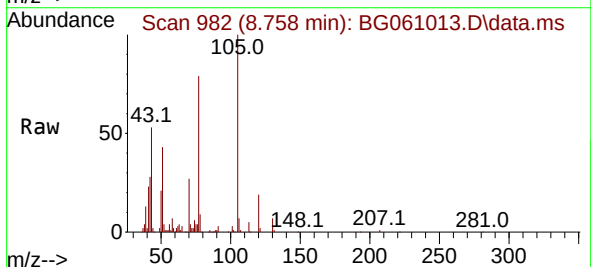
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Supervised By :mohammad
ahmed

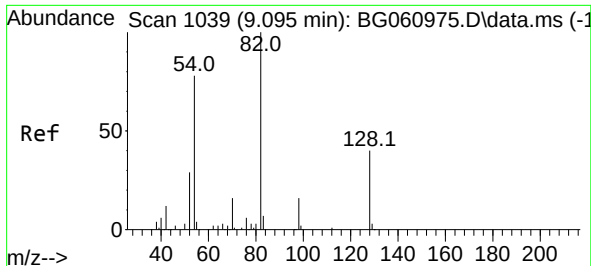
04/27/2024



#22
Acetophenone
Concen: 41.077 ng
RT: 8.758 min Scan# 982
Delta R.T. -0.001 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

Tgt Ion:105 Resp: 116730
Ion Ratio Lower Upper
105 100
71 4.1 2.5 3.7#
51 43.1 37.8 56.6
120 18.9 15.2 22.8





#23

Nitrobenzene-d5

Concen: 66.538 ng

RT: 9.099 min Scan# 1039

Delta R.T. 0.004 min

Lab File: BG061013.D

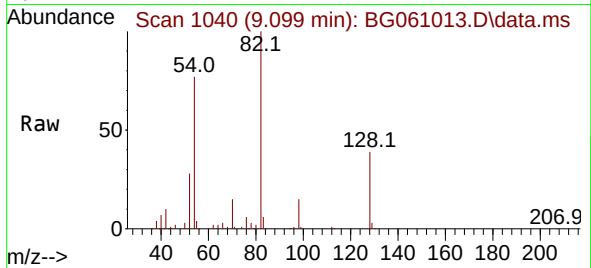
Acq: 23 Apr 2024 18:39

Instrument :

BNA_G

ClientSampleId :

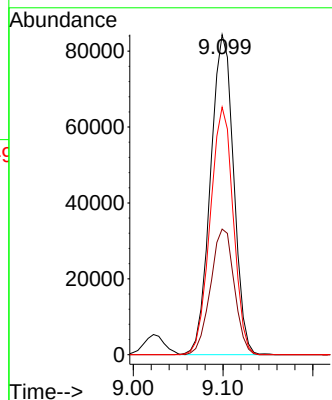
RPI-SS-DUP-01MS



Tgt Ion:	82	Resp:	150718
Ion Ratio	Lower	Upper	
82	100		
128	39.3	32.1	48.1
54	77.4	62.3	93.5

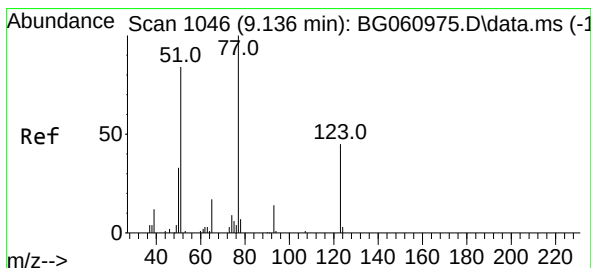
Manual Integrations
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Patel



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#24

Nitrobenzene

Concen: 40.949 ng

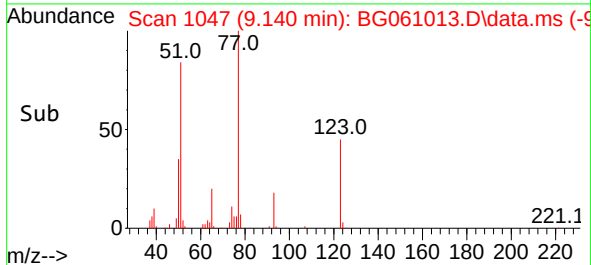
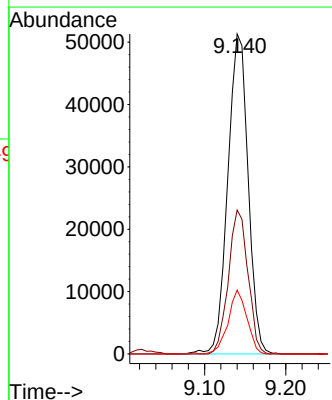
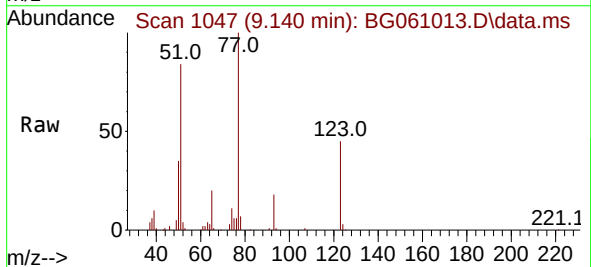
RT: 9.140 min Scan# 1047

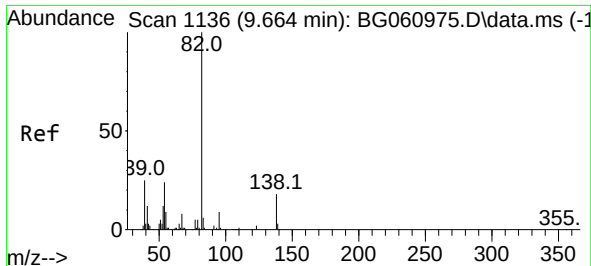
Delta R.T. 0.004 min

Lab File: BG061013.D

Acq: 23 Apr 2024 18:39

Tgt Ion:	77	Resp:	89129
Ion Ratio	Lower	Upper	
77	100		
123	45.0	35.9	53.9
65	19.9	13.3	19.9





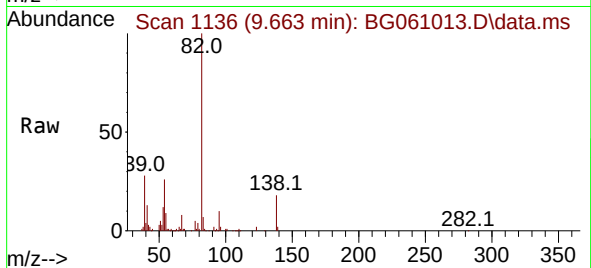
#25
Isophorone
Concen: 39.078 ng
RT: 9.663 min Scan# 1136
Delta R.T. -0.001 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

Instrument :

BNA_G

ClientSampleId :

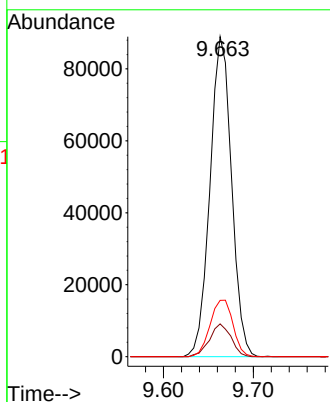
RPI-SS-DUP-01MS



Tgt Ion: 82 Resp: 14813
Ion Ratio Lower Upper
82 100
95 10.2 7.6 11.4
138 17.6 14.2 21.2

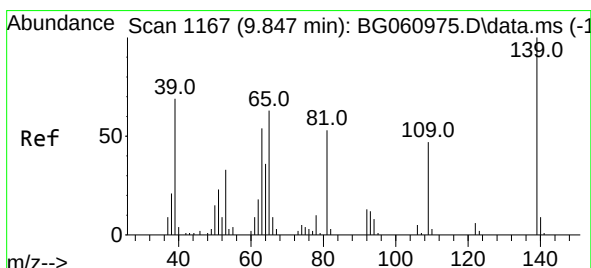
Manual Integrations
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Patel

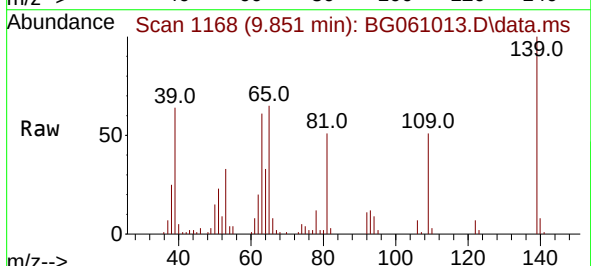


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ahmed

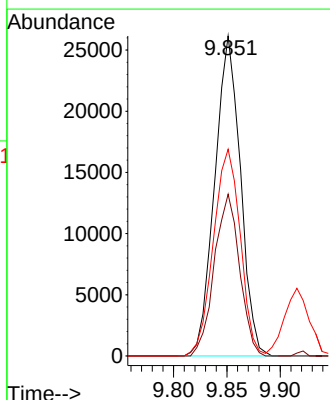
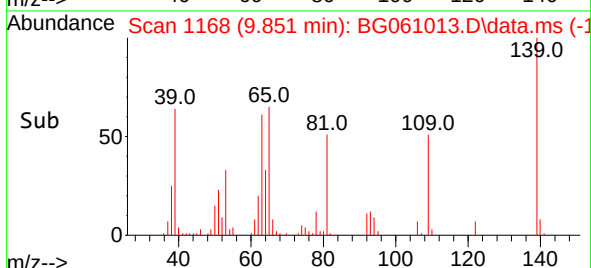
04/27/2024

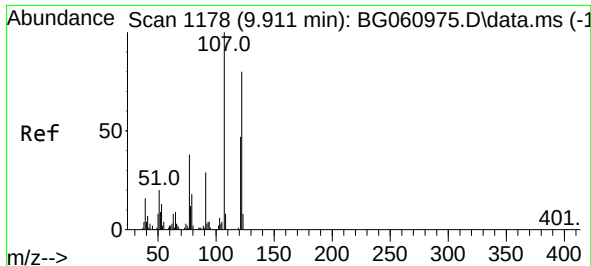


#26
2-Nitrophenol
Concen: 42.752 ng
RT: 9.851 min Scan# 1168
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39



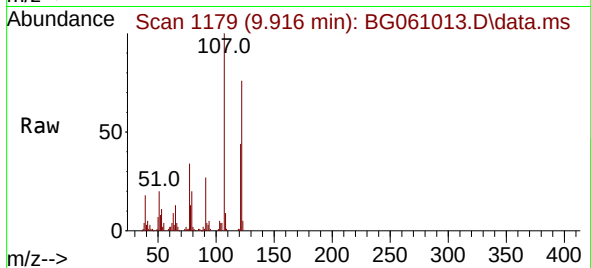
Tgt Ion:139 Resp: 43734
Ion Ratio Lower Upper
139 100
109 50.5 37.4 56.2
65 64.6 50.4 75.6





#27
2,4-Dimethylphenol
Concen: 34.117 ng
RT: 9.916 min Scan# 1178
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

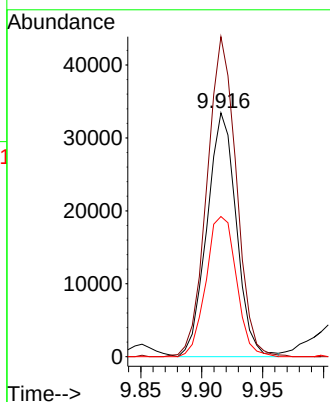
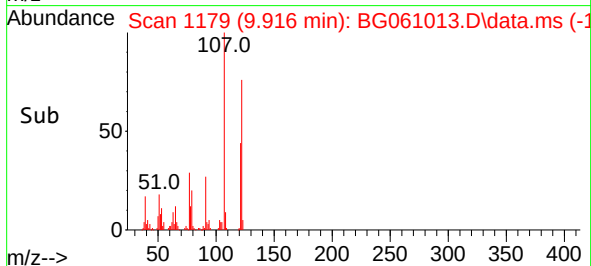
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MS



Tgt Ion: 122 Resp: 55940
Ion Ratio Lower Upper
122 100
107 131.2 98.7 148.1
121 57.5 46.3 69.5

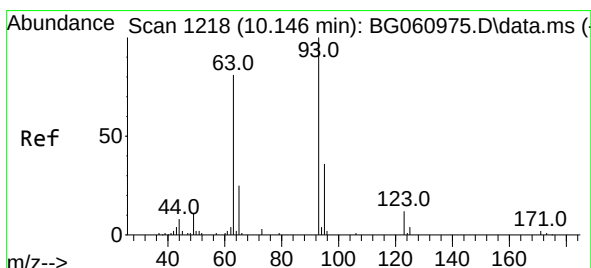
Manual Integrations
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Reviewed By :Yogesh
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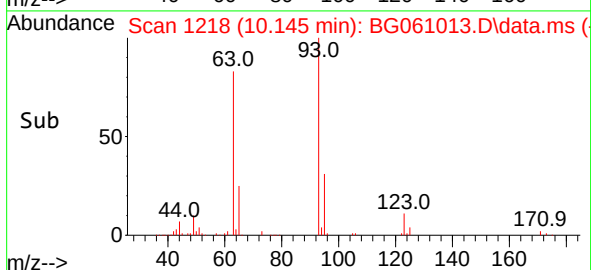
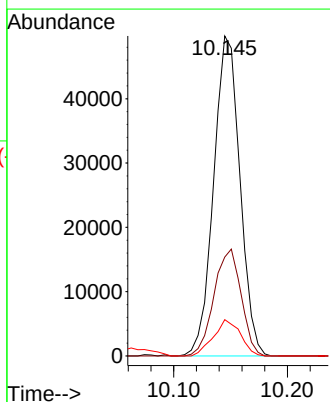
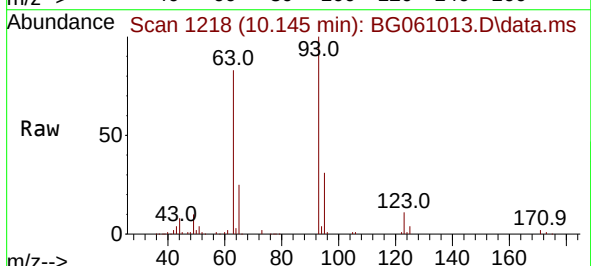
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Supervised By :mohammad
ahmed

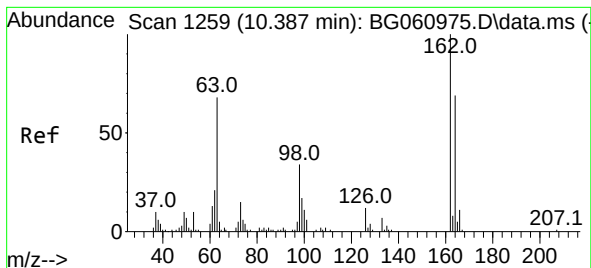
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#28
bis(2-Chloroethoxy)methane
Concen: 40.148 ng
RT: 10.145 min Scan# 1218
Delta R.T. -0.001 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

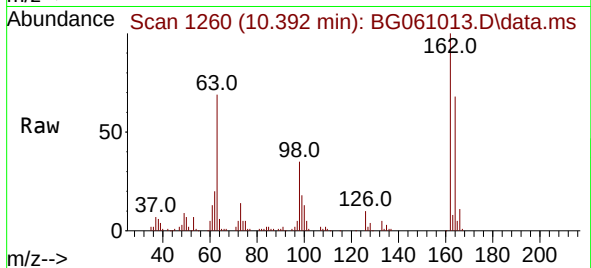
Tgt Ion: 93 Resp: 80061
Ion Ratio Lower Upper
93 100
95 30.9 28.8 43.2
123 11.3 9.8 14.6





#29
2,4-Dichlorophenol
Concen: 44.874 ng
RT: 10.392 min Scan# 1260
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

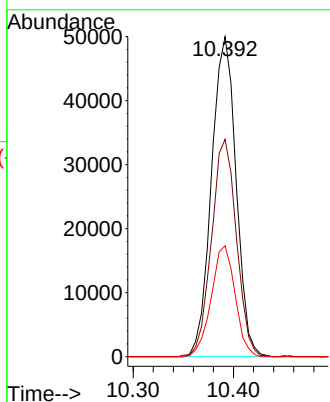
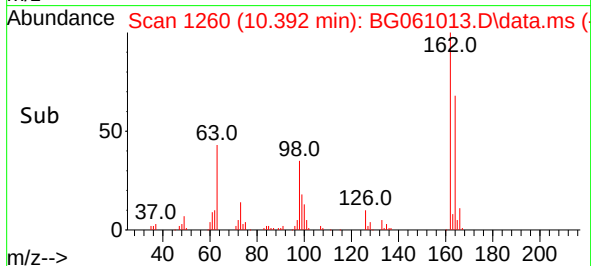
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MS



Tgt Ion:162 Resp: 84920
Ion Ratio Lower Upper
162 100
164 68.0 49.0 89.0
98 34.7 14.3 54.3

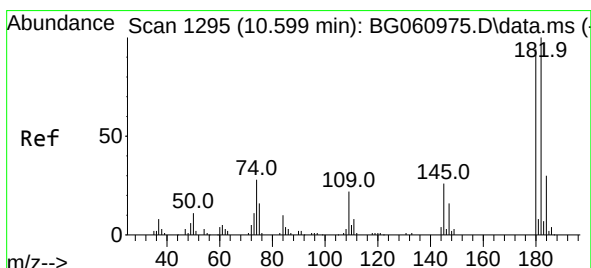
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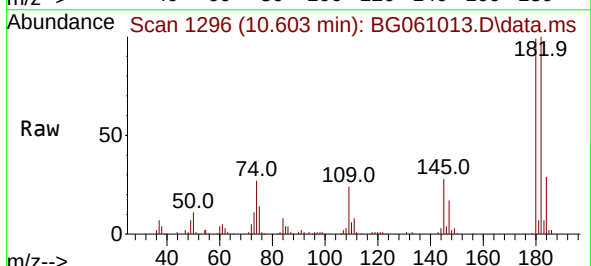


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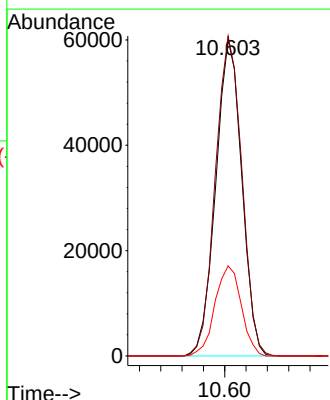
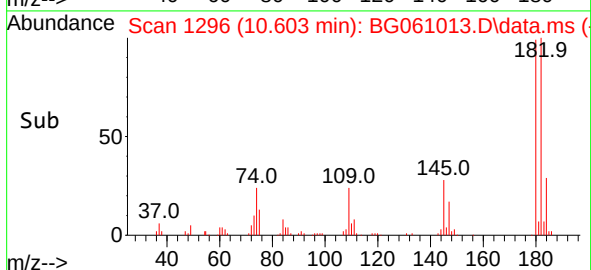
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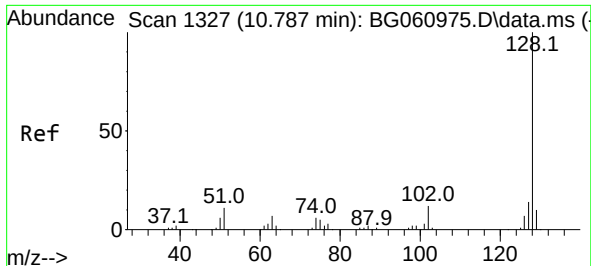


#30
1,2,4-Trichlorobenzene
Concen: 48.680 ng
RT: 10.603 min Scan# 1296
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39



Tgt Ion:180 Resp: 101642
Ion Ratio Lower Upper
180 100
182 101.2 85.4 128.2
145 28.5 22.6 33.8





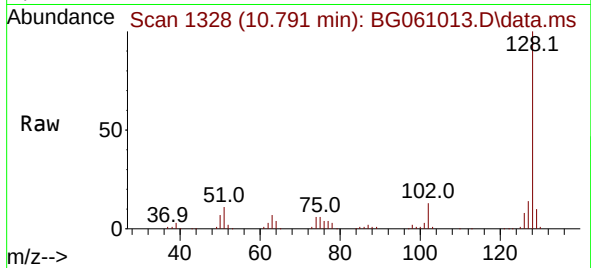
#31
Naphthalene
Concen: 43.987 ng
RT: 10.791 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

Instrument :

BNA_G

ClientSampleId :

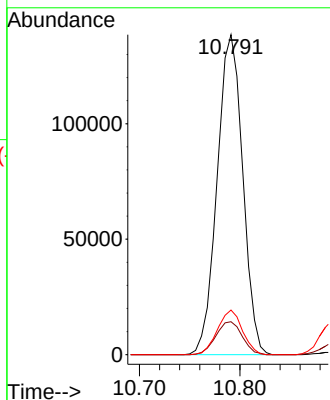
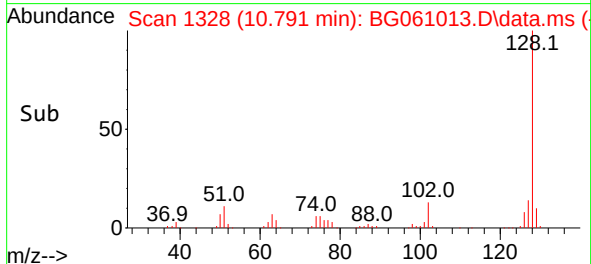
RPI-SS-DUP-01MS



Tgt Ion:128 Resp: 245080
Ion Ratio Lower Upper
128 100
129 10.3 8.2 12.4
127 14.0 11.4 17.2

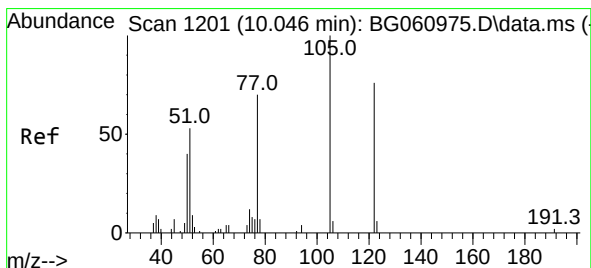
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Patel



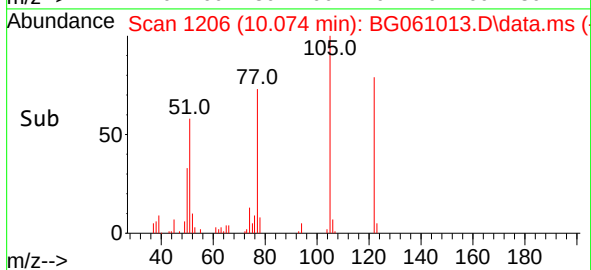
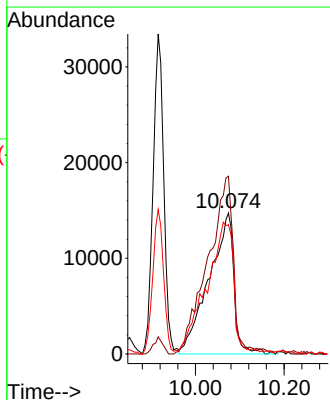
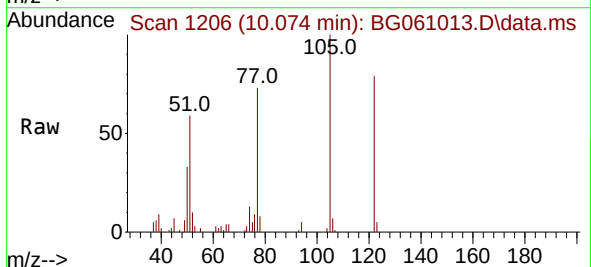
04/24/2024
Supervised By :mohammad
ahmed

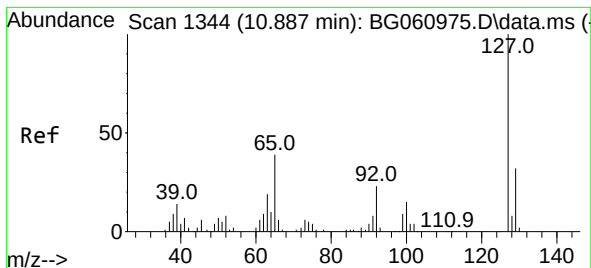
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#32
Benzoic acid
Concen: 45.937 ng m
RT: 10.074 min Scan# 1206
Delta R.T. 0.028 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

Tgt Ion:122 Resp: 57390
Ion Ratio Lower Upper
122 100
105 126.1 106.2 146.2
77 91.7 70.1 110.1





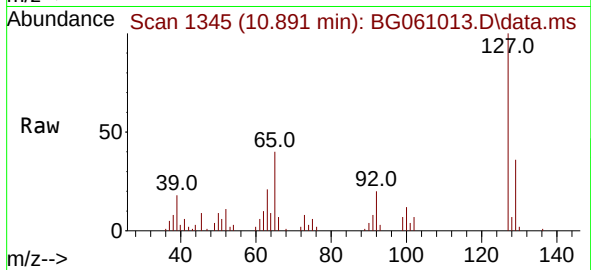
#33
4-Chloroaniline
Concen: 10.950 ng
RT: 10.891 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

Instrument :

BNA_G

ClientSampleId :

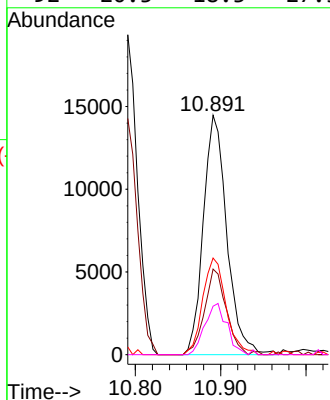
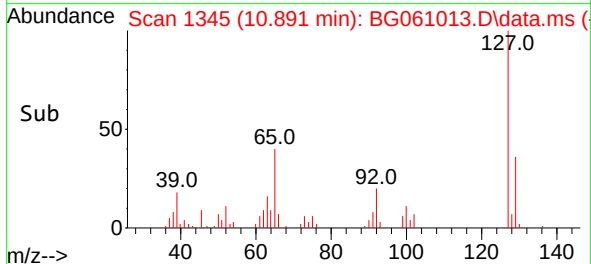
RPI-SS-DUP-01MS



Tgt Ion:127 Resp: 27715
Ion Ratio Lower Upper
127 100
129 35.8 25.7 38.5
65 40.4 31.4 47.0
92 20.3 18.3 27.5

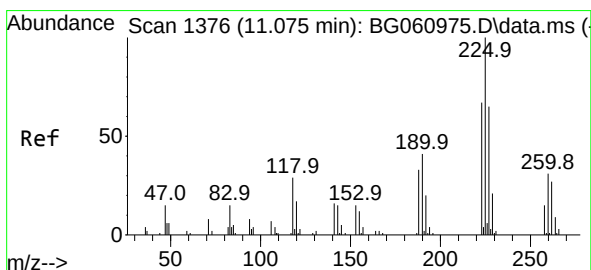
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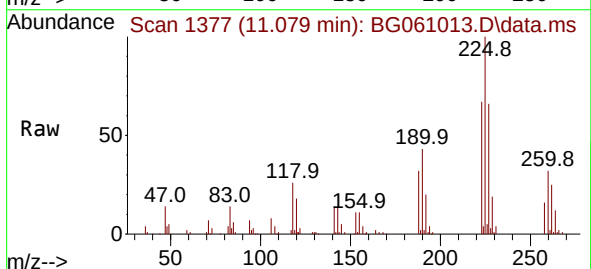


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Supervised By :mohammad
ahmed

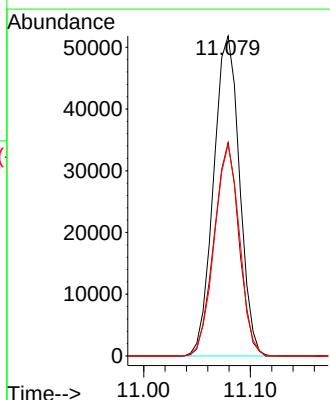
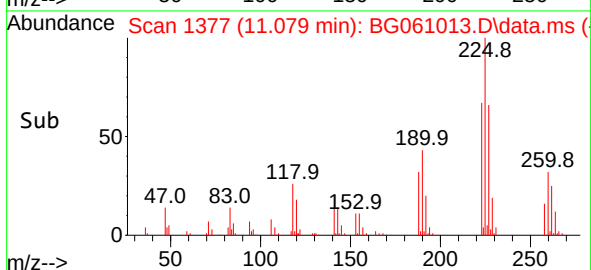
04/27/2024

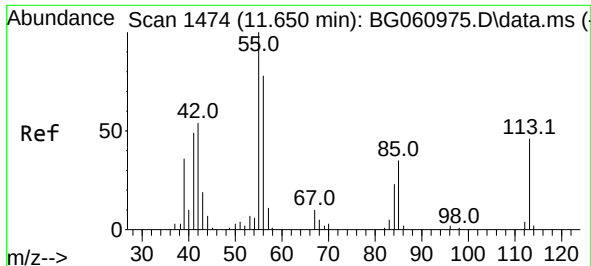


#34
Hexachlorobutadiene
Concen: 47.609 ng
RT: 11.079 min Scan# 1377
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39



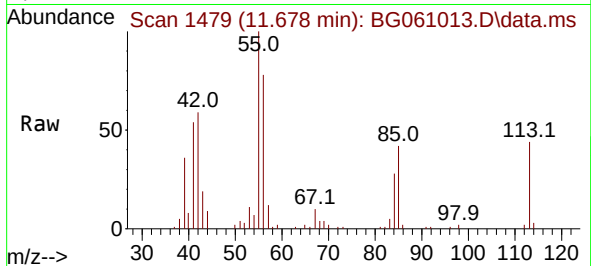
Tgt Ion:225 Resp: 87422
Ion Ratio Lower Upper
225 100
223 66.7 53.2 79.8
227 66.1 51.9 77.9





#35
Caprolactam
Concen: 40.153 ng m
RT: 11.678 min Scan# 1474
Delta R.T. 0.028 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

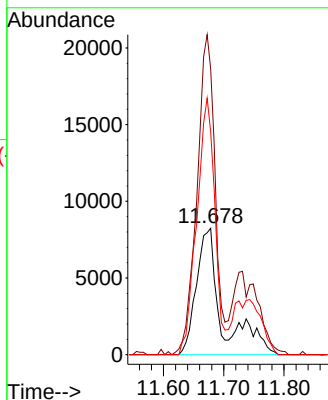
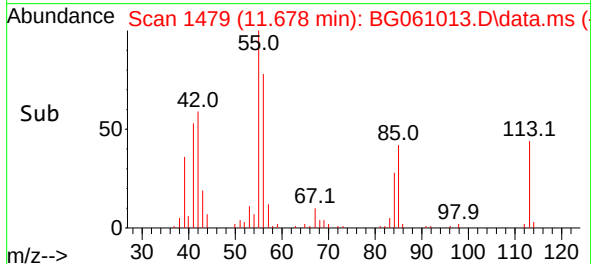
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MS



Tgt Ion:113 Resp: 2420
Ion Ratio Lower Upper
113 100
55 226.1 197.9 237.9
56 176.4 151.1 191.1

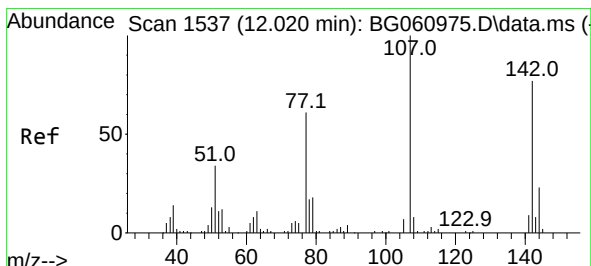
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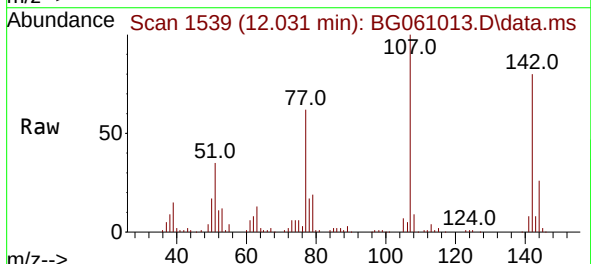


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ahmed

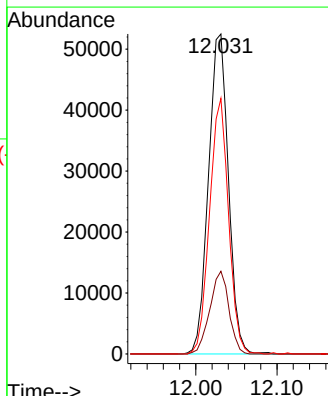
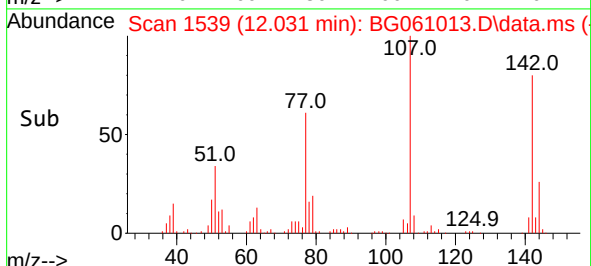
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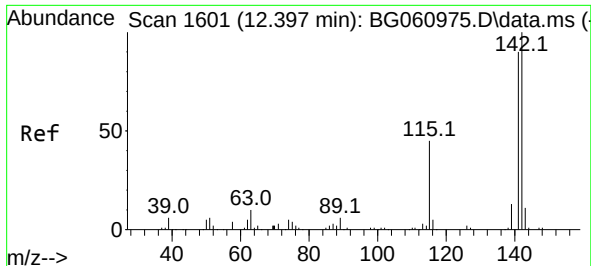


#36
4-Chloro-3-methylphenol
Concen: 40.538 ng
RT: 12.031 min Scan# 1539
Delta R.T. 0.010 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39



Tgt Ion:107 Resp: 89471
Ion Ratio Lower Upper
107 100
144 25.9 18.5 27.7
142 79.8 61.4 92.0





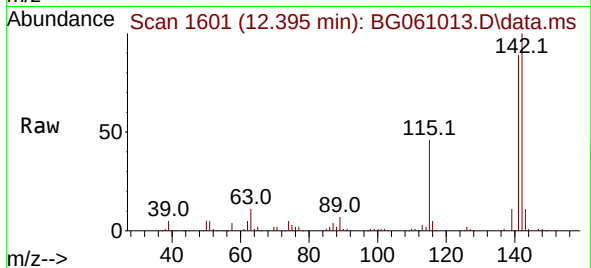
#37
2-Methylnaphthalene
Concen: 41.240 ng
RT: 12.395 min Scan# 1601
Delta R.T. -0.001 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

Instrument :

BNA_G

ClientSampleId :

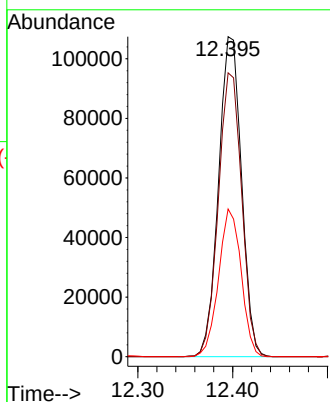
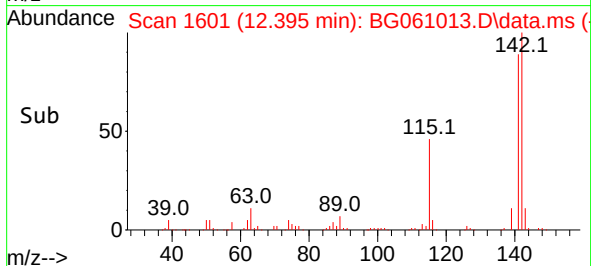
RPI-SS-DUP-01MS



Tgt Ion:142 Resp: 180662
Ion Ratio Lower Upper
142 100
141 88.7 72.2 108.4
115 46.2 35.9 53.9

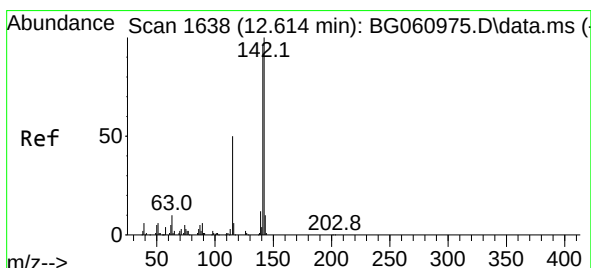
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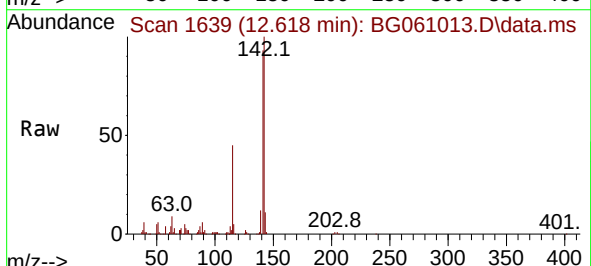


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Supervised By :mohammad
ahmed

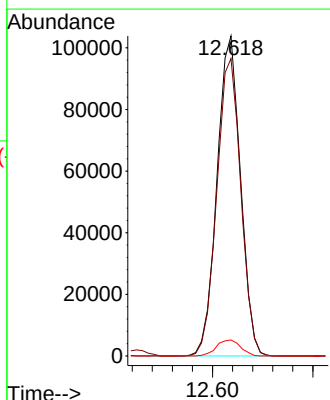
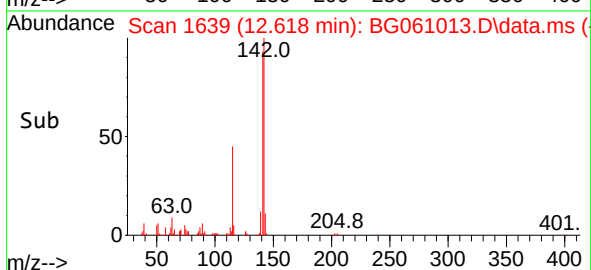
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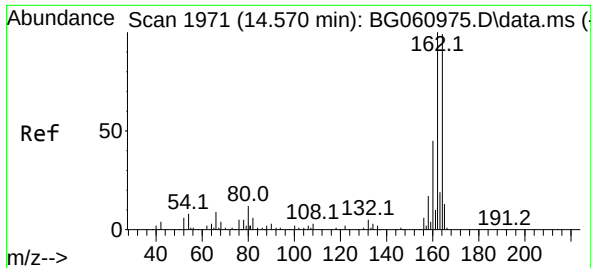


#38
1-Methylnaphthalene
Concen: 41.283 ng
RT: 12.618 min Scan# 1639
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39



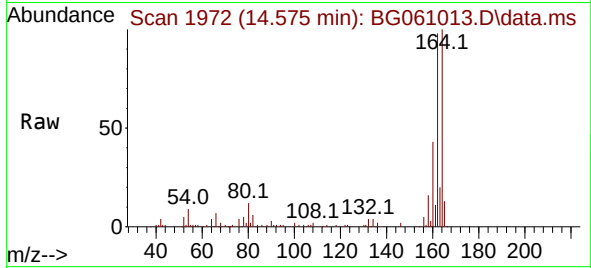
Tgt Ion:142 Resp: 168765
Ion Ratio Lower Upper
142 100
141 93.0 76.8 115.2
116 5.0 4.4 6.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1971
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

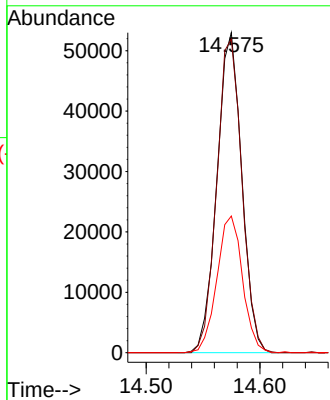
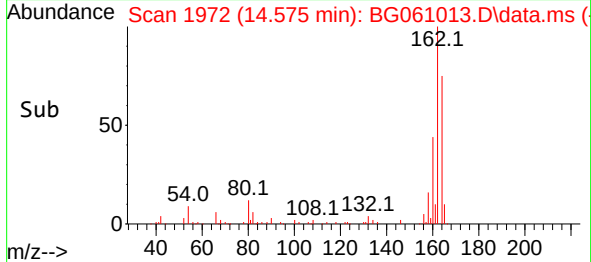
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MS



Tgt Ion:164 Resp: 80240
Ion Ratio Lower Upper
164 100
162 98.0 81.2 121.8
160 42.7 36.2 54.2

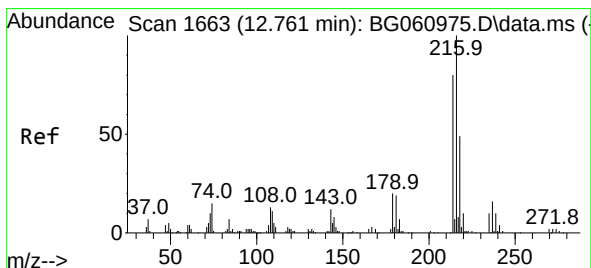
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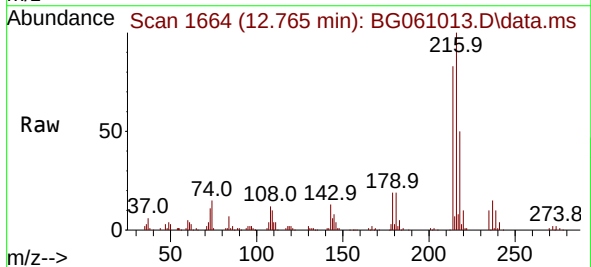


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Supervised By :mohammad
ahmed

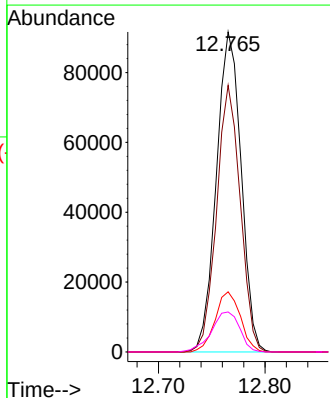
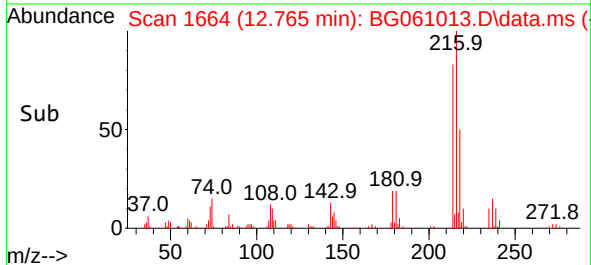
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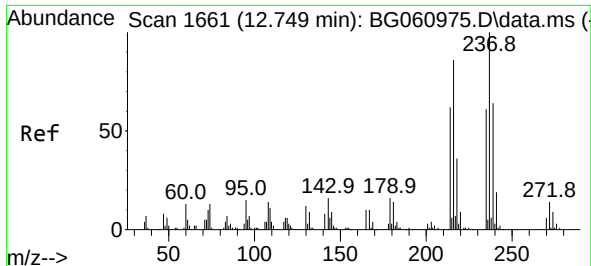


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.803 ng
RT: 12.765 min Scan# 1664
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39



Tgt Ion:216 Resp: 147716
Ion Ratio Lower Upper
216 100
214 79.5 63.3 94.9
179 19.2 15.2 22.8
108 14.3 11.1 16.7





#41
Hexachlorocyclopentadiene
Concen: 69.604 ng
RT: 12.748 min Scan# 11678
Delta R.T. -0.001 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

Instrument :

BNA_G

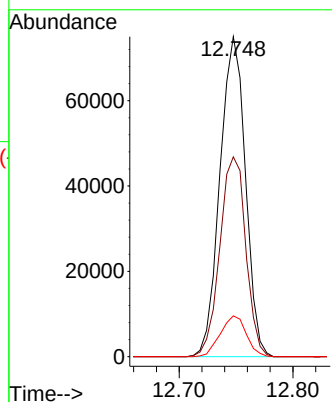
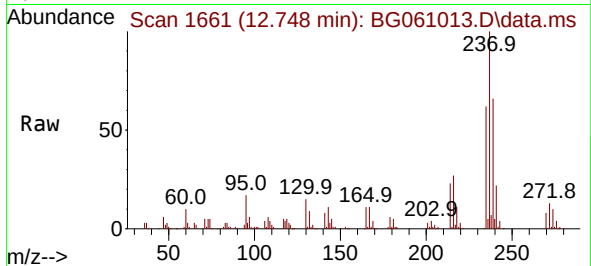
ClientSampleId :

RPI-SS-DUP-01MS

Tgt Ion:237 Resp: 11678
Ion Ratio Lower Upper
237 100
235 62.5 40.7 80.7
272 12.8 0.0 34.5

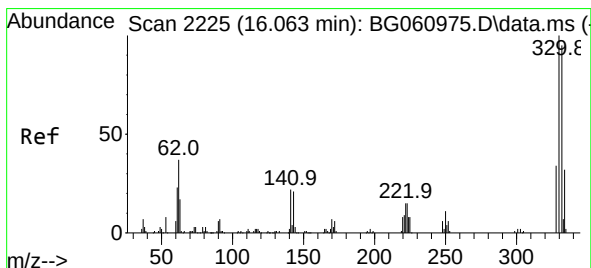
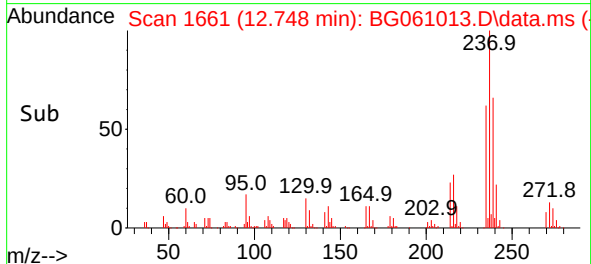
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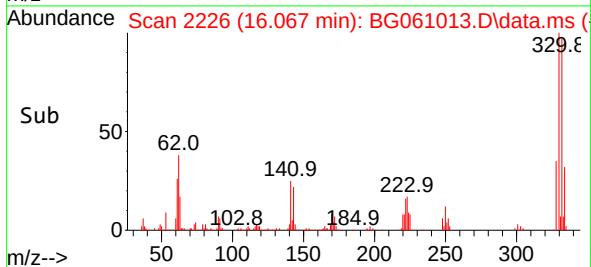
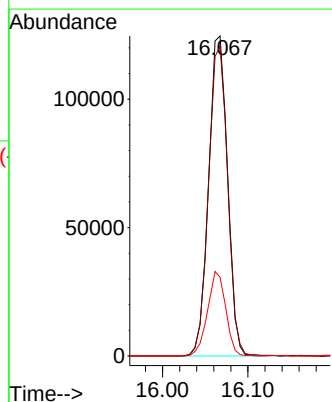
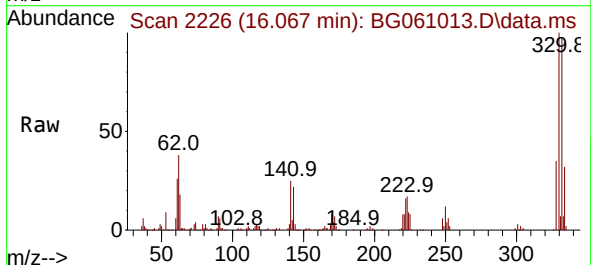
04/24/2024
Supervised By :mohammad
ahmed

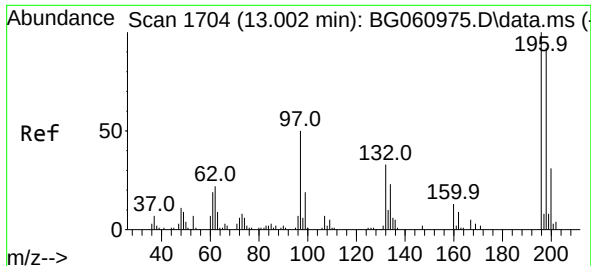
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#42
2,4,6-Tribromophenol
Concen: 109.014 ng
RT: 16.067 min Scan# 2226
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

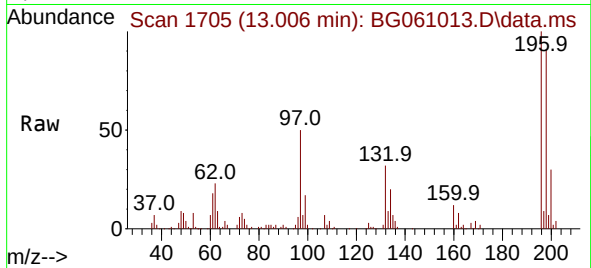
Tgt Ion:330 Resp: 192083
Ion Ratio Lower Upper
330 100
332 98.0 77.1 115.7
141 25.2 20.6 31.0





#43
2,4,6-Trichlorophenol
Concen: 47.496 ng
RT: 13.006 min Scan# 1718
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

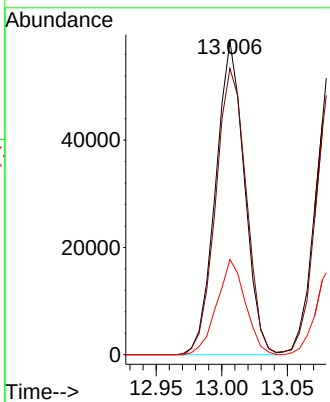
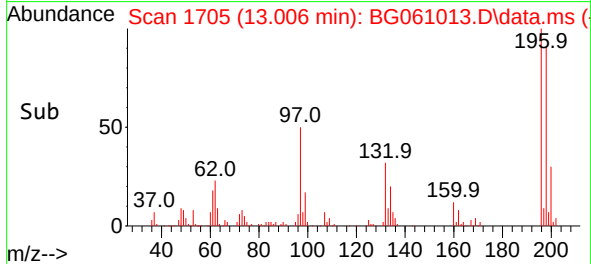
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MS



Tgt Ion:196 Resp: 89028
Ion Ratio Lower Upper
196 100
198 91.4 73.5 110.3
200 30.4 24.8 37.2

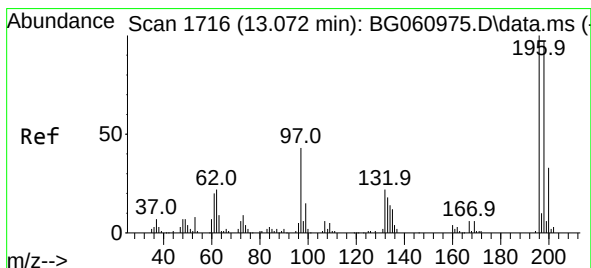
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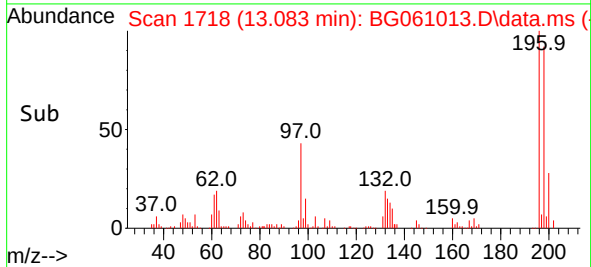
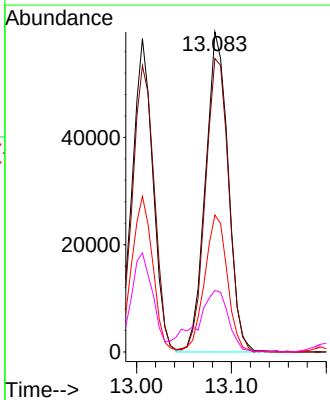
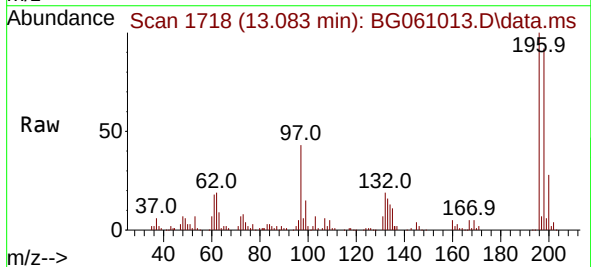
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Supervised By :mohammad
ahmed

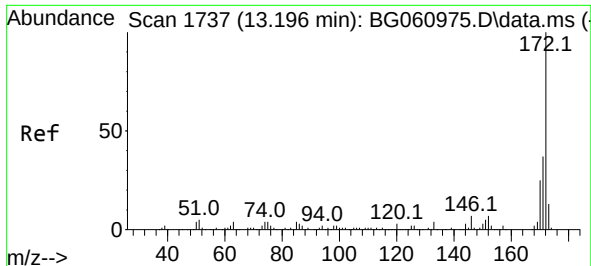
04/27/2024



#44
2,4,5-Trichlorophenol
Concen: 44.743 ng
RT: 13.083 min Scan# 1718
Delta R.T. 0.010 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

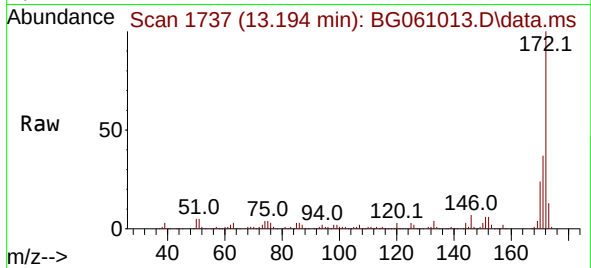
Tgt Ion:196 Resp: 99207
Ion Ratio Lower Upper
196 100
198 91.7 77.7 116.5
97 42.8 34.2 51.4
132 19.2 17.4 26.0





#45
2-Fluorobiphenyl
Concen: 70.920 ng
RT: 13.194 min Scan# 1737
Delta R.T. -0.001 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

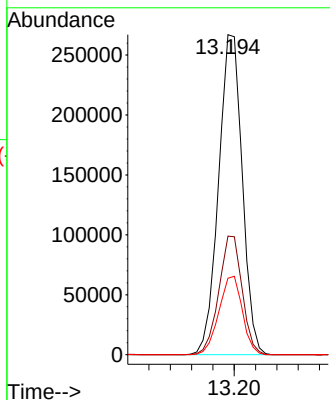
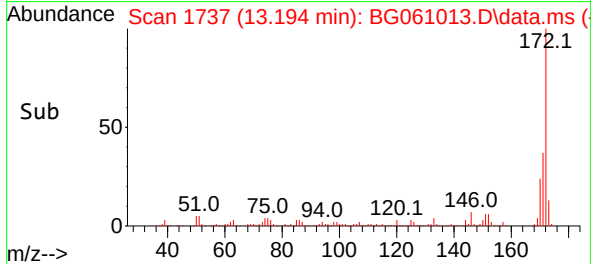
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MS



Tgt Ion:172 Resp: 411168
Ion Ratio Lower Upper
172 100
171 37.0 29.3 43.9
170 23.9 20.1 30.1

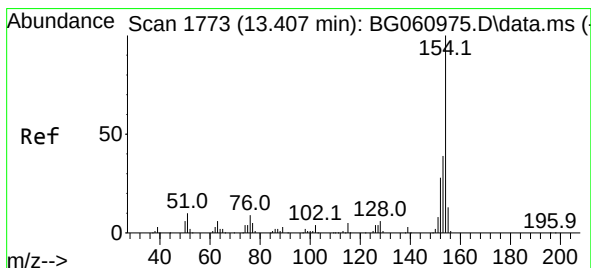
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



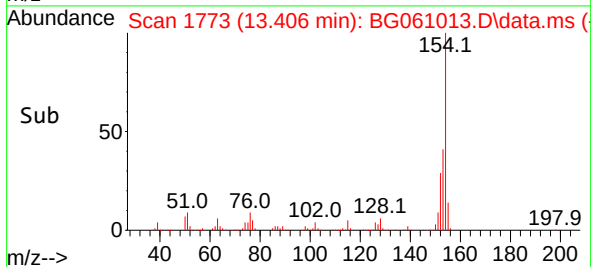
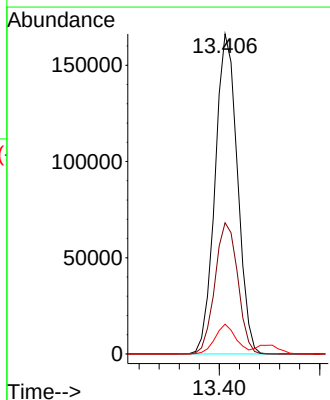
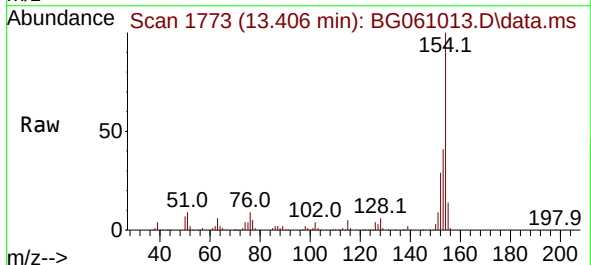
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Supervised By :mohammad
ahmed

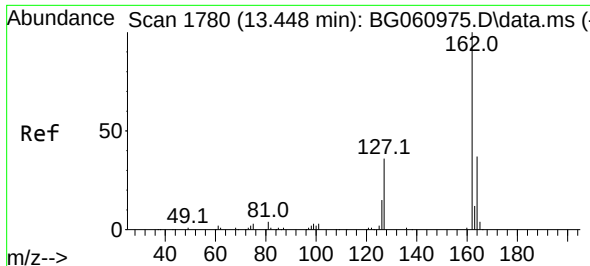
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#46
1,1'-Biphenyl
Concen: 47.500 ng
RT: 13.406 min Scan# 1773
Delta R.T. -0.001 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

Tgt Ion:154 Resp: 256730
Ion Ratio Lower Upper
154 100
153 41.0 19.4 59.4
76 9.3 0.0 28.6





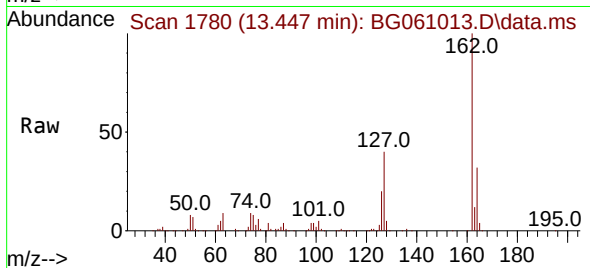
#47
2-Chloronaphthalene
Concen: 49.786 ng
RT: 13.447 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

Instrument :

BNA_G

ClientSampleId :

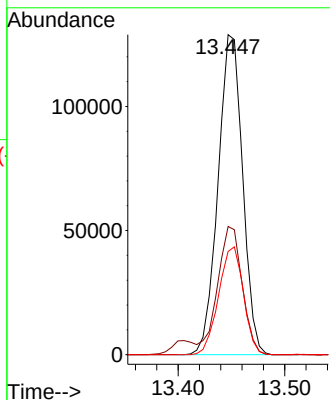
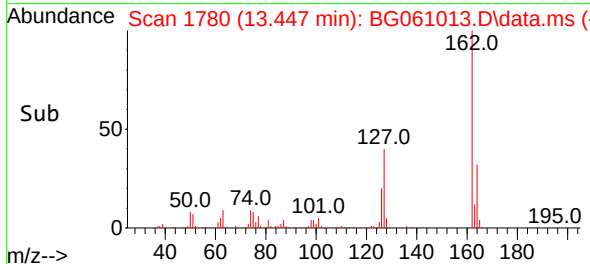
RPI-SS-DUP-01MS



Tgt Ion:162 Resp: 206319
Ion Ratio Lower Upper
162 100
127 40.1 32.6 49.0
164 32.3 29.9 44.9

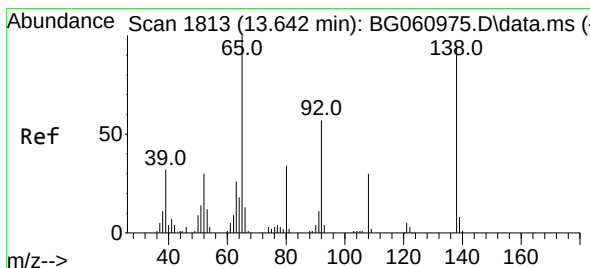
Manual Integrations
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Patel

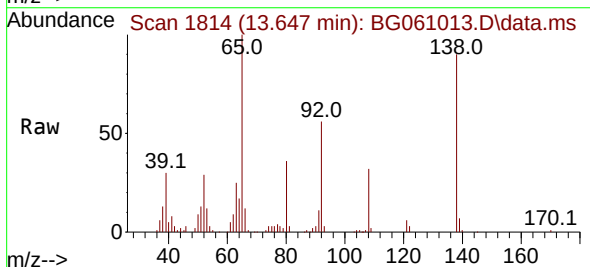


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ahmed

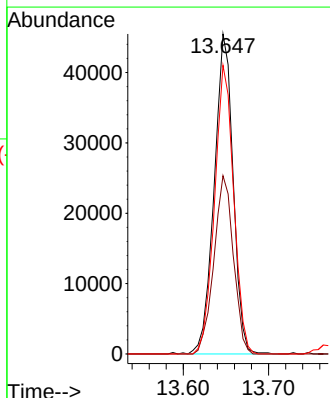
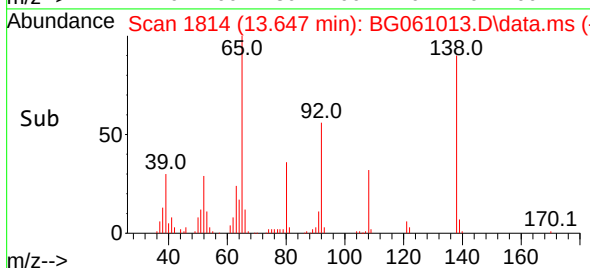
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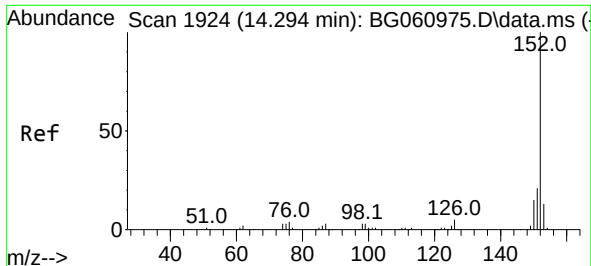


#48
2-Nitroaniline
Concen: 41.898 ng
RT: 13.647 min Scan# 1814
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39



Tgt Ion: 65 Resp: 70074
Ion Ratio Lower Upper
65 100
92 55.7 45.4 68.2
138 90.2 75.8 113.6





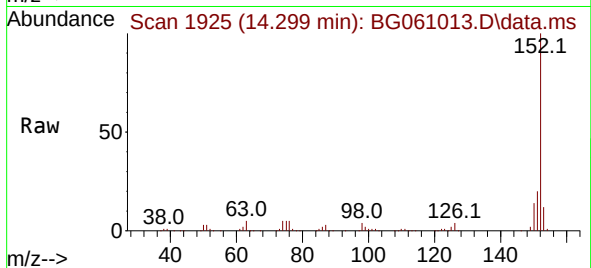
#49
Acenaphthylene
Concen: 47.746 ng
RT: 14.299 min Scan# 1925
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

Instrument :

BNA_G

ClientSampleId :

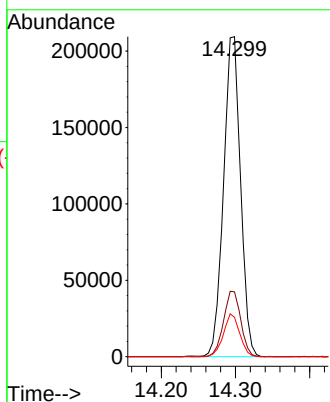
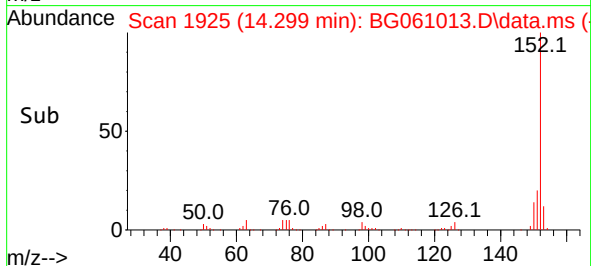
RPI-SS-DUP-01MS



Tgt Ion:152 Resp: 333234
Ion Ratio Lower Upper
152 100
151 20.3 16.6 25.0
153 12.3 10.7 16.1

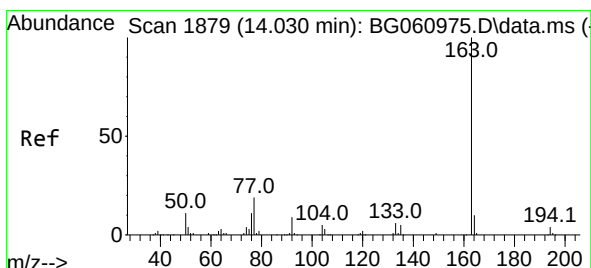
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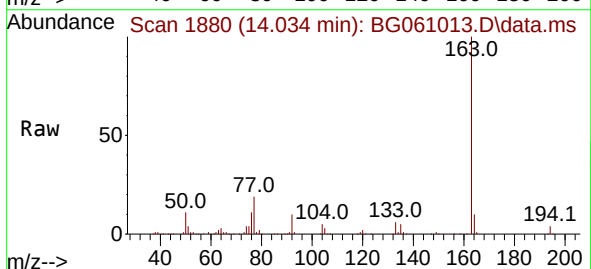


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Supervised By :mohammad
ahmed

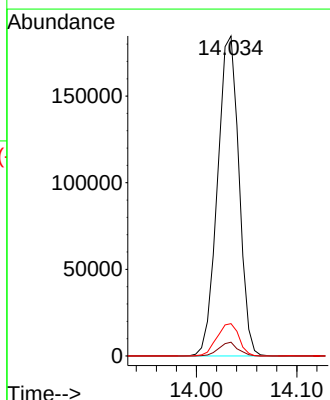
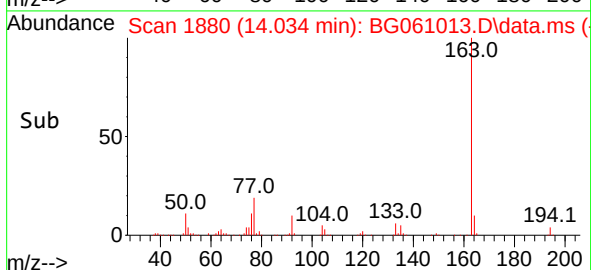
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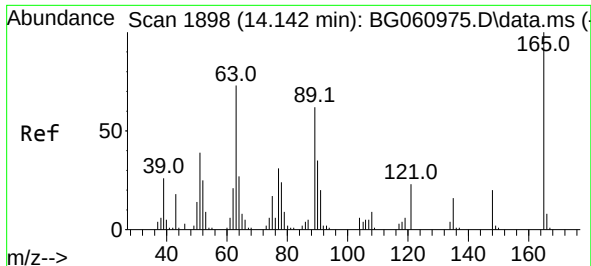


#50
Dimethylphthalate
Concen: 41.332 ng
RT: 14.034 min Scan# 1880
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39



Tgt Ion:163 Resp: 273482
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.1 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 42.351 ng
RT: 14.146 min Scan# 1898
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

Instrument :

BNA_G

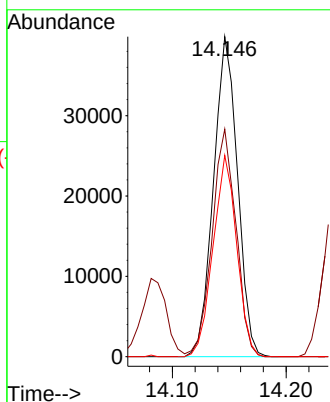
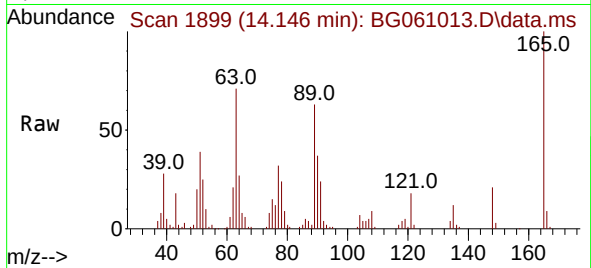
ClientSampleId :

RPI-SS-DUP-01MS

Tgt Ion:165 Resp: 5847
Ion Ratio Lower Upper
165 100
63 71.1 59.6 89.4
89 62.9 49.4 74.0

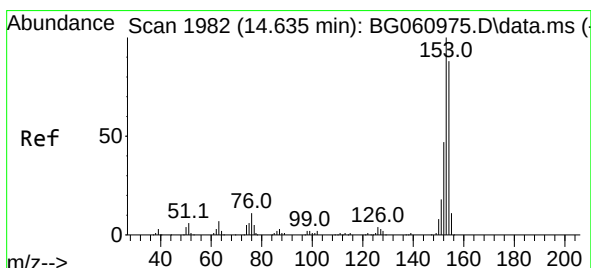
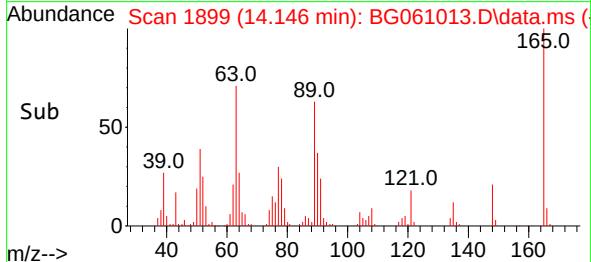
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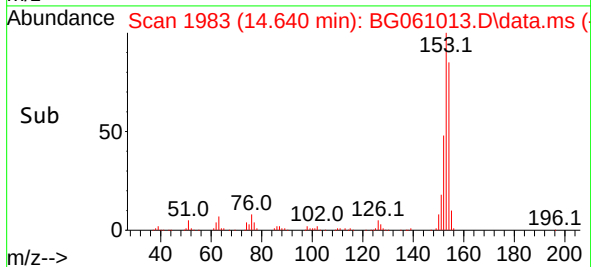
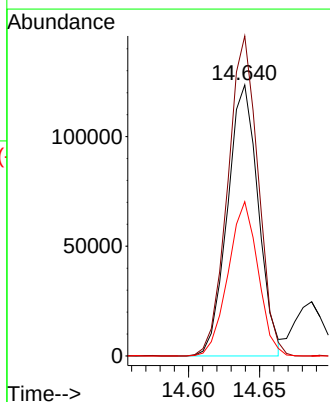
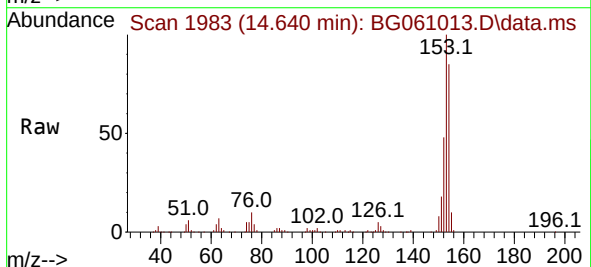
04/24/2024
Supervised By :mohammad
ahmed

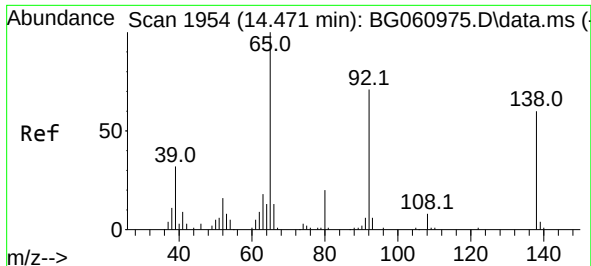
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#52
Acenaphthene
Concen: 43.912 ng
RT: 14.640 min Scan# 1983
Delta R.T. 0.005 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

Tgt Ion:154 Resp: 186223
Ion Ratio Lower Upper
154 100
153 118.1 91.2 136.8
152 56.9 42.7 64.1





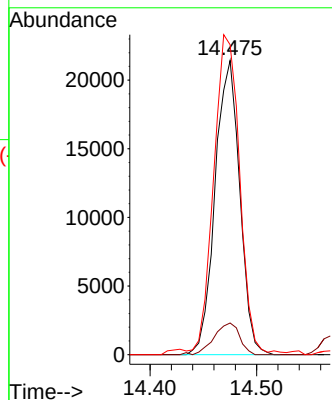
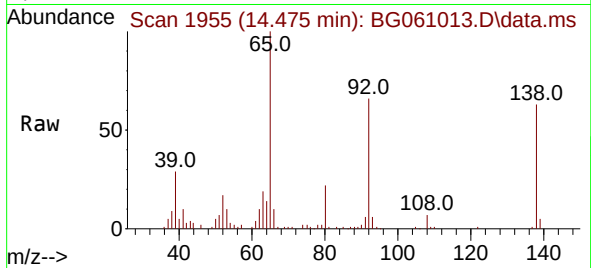
#53
3-Nitroaniline
Concen: 25.262 ng
RT: 14.475 min Scan# 1954
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MS

Tgt Ion:138 Resp: 3439
Ion Ratio Lower Upper
138 100
108 10.7 10.1 15.1
92 105.3 94.6 141.8

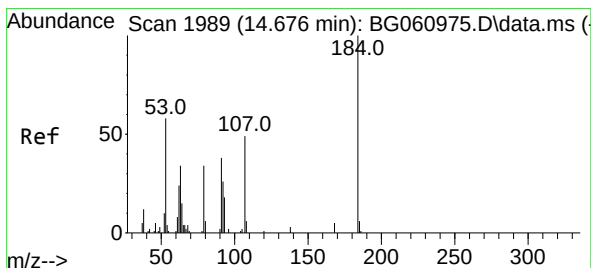
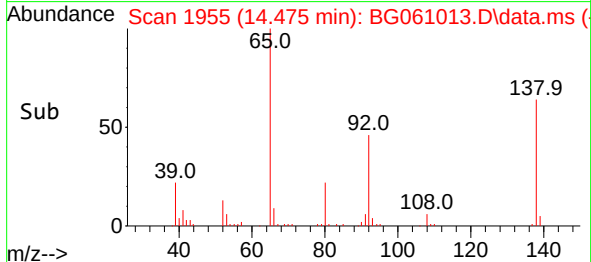
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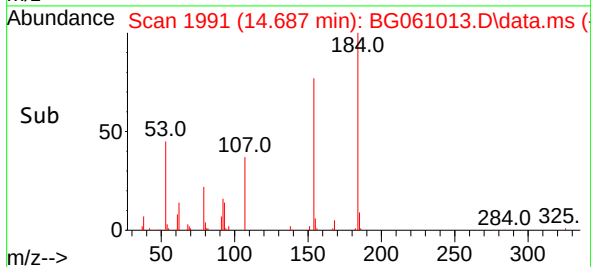
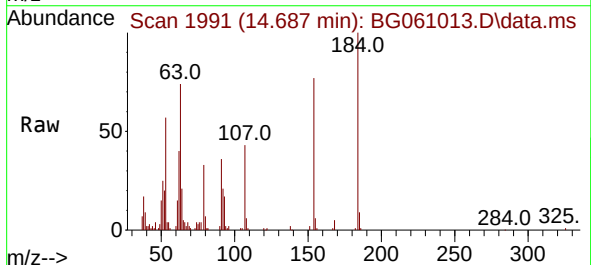
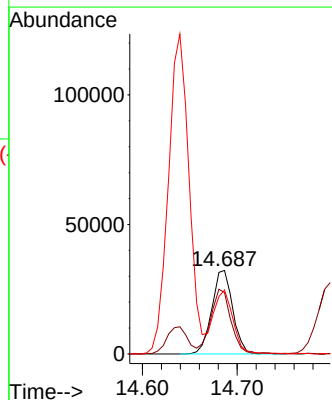
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ahmed

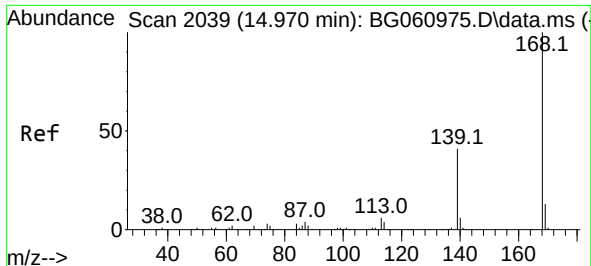
04/27/2024



#54
2,4-Dinitrophenol
Concen: 56.758 ng
RT: 14.687 min Scan# 1991
Delta R.T. 0.011 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

Tgt Ion:184 Resp: 49488
Ion Ratio Lower Upper
184 100
63 73.6 59.0 88.6
154 76.7 61.2 91.8





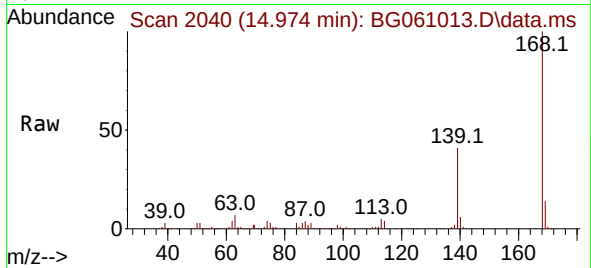
#55
Dibenzenofuran
Concen: 44.180 ng
RT: 14.974 min Scan# 2039
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

Instrument :

BNA_G

ClientSampleId :

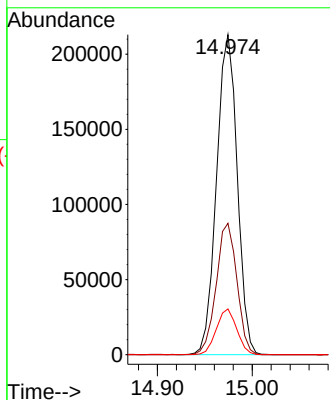
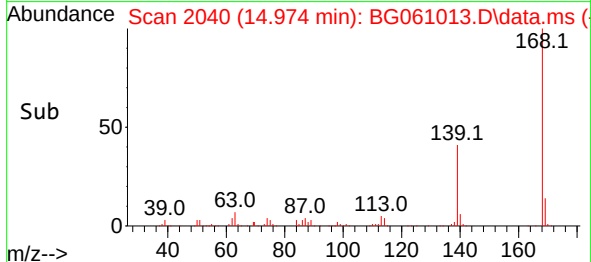
RPI-SS-DUP-01MS



Tgt Ion:168 Resp: 323538
Ion Ratio Lower Upper
168 100
139 41.1 32.4 48.6
169 14.3 10.6 15.8

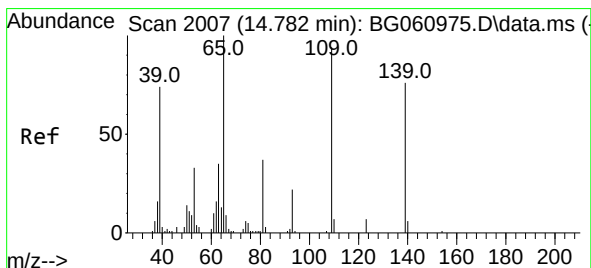
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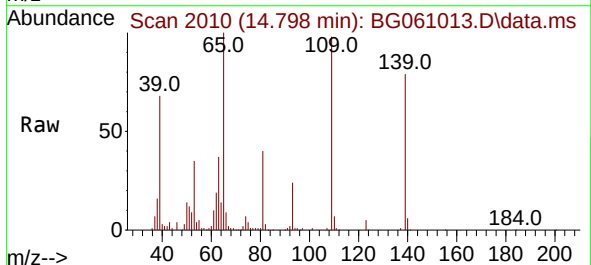


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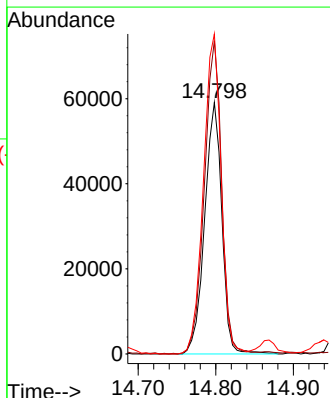
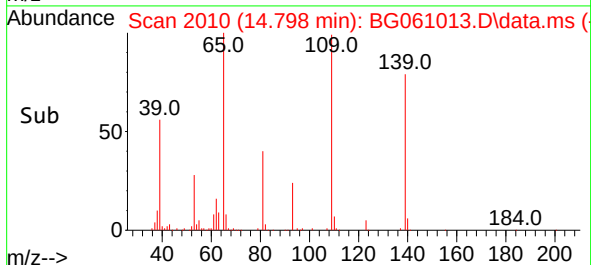
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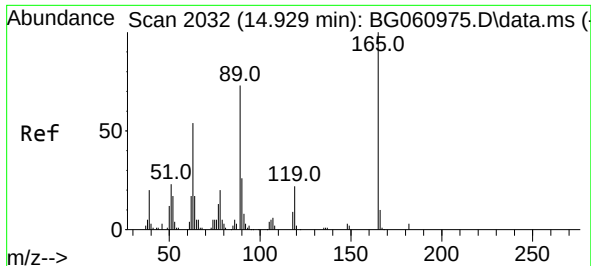


#56
4-Nitrophenol
Concen: 93.313 ng
RT: 14.798 min Scan# 2010
Delta R.T. 0.016 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39



Tgt Ion:139 Resp: 91008
Ion Ratio Lower Upper
139 100
109 124.6 104.1 144.1
65 127.2 112.0 152.0





#57
2,4-Dinitrotoluene
Concen: 42.725 ng
RT: 14.939 min Scan# 2032
Delta R.T. 0.010 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

Instrument :

BNA_G

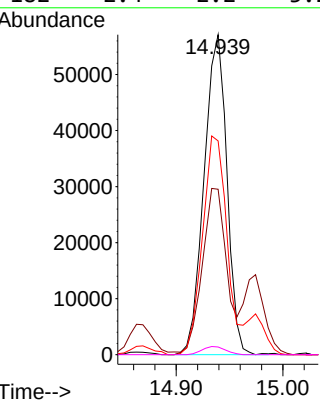
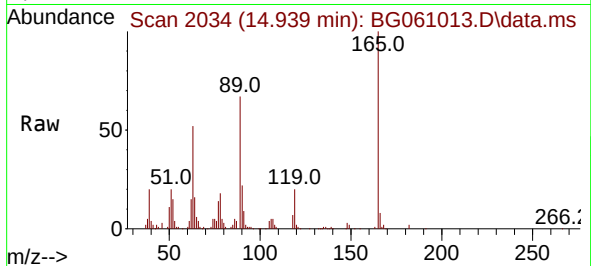
ClientSampleId :

RPI-SS-DUP-01MS

Tgt Ion:165 Resp: 8495
Ion Ratio Lower Upper
165 100
63 51.7 43.4 65.2
89 66.8 58.4 87.6
182 2.4 2.2 3.2

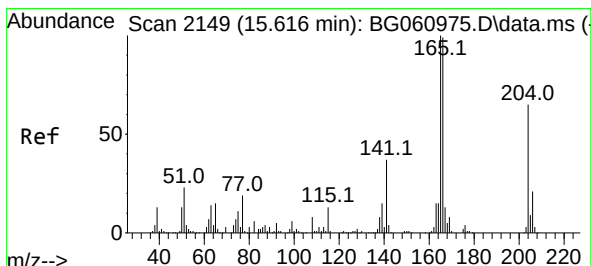
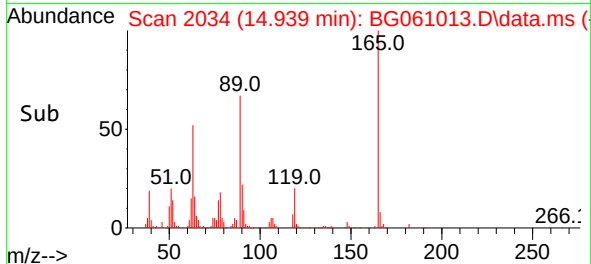
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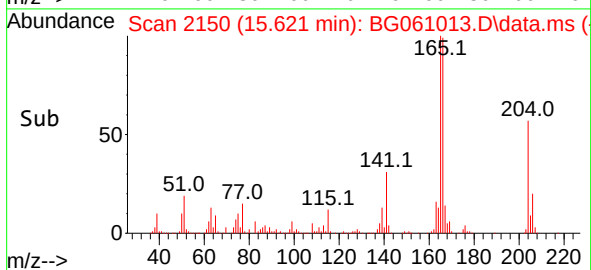
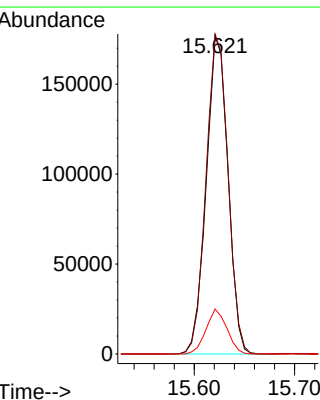
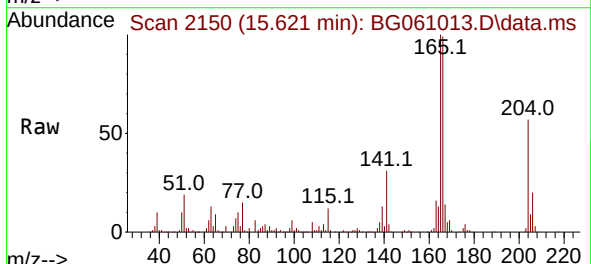
04/24/2024
Supervised By :mohammad
ahmed

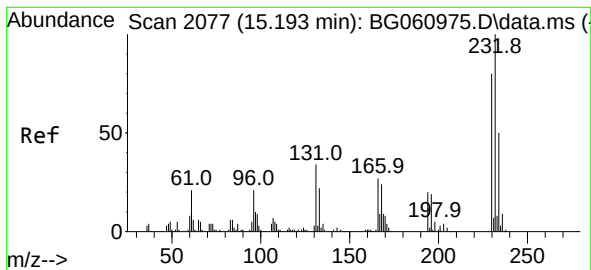
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#58
Fluorene
Concen: 42.970 ng
RT: 15.621 min Scan# 2150
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

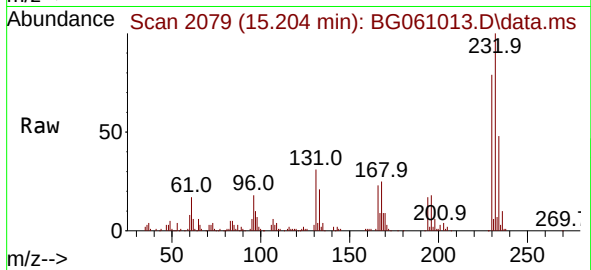
Tgt Ion:166 Resp: 265600
Ion Ratio Lower Upper
166 100
165 100.7 80.9 121.3
167 14.1 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.013 ng
RT: 15.204 min Scan# 2079
Delta R.T. 0.010 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

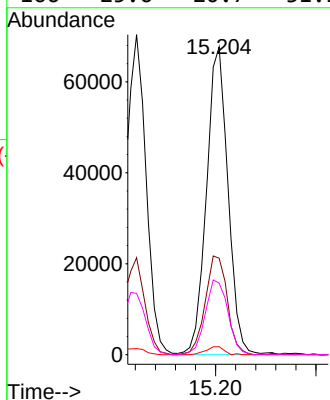
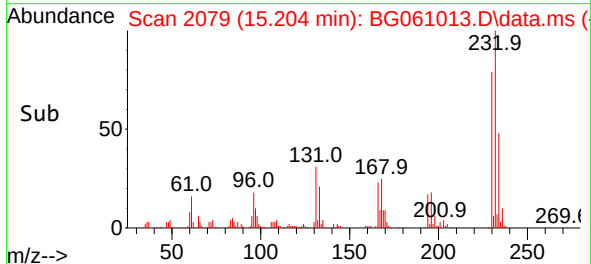
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MS



Tgt Ion:	232	Resp:	10073
Ion Ratio	Lower	Upper	
232	100		
131	32.8	27.4	41.0
130	2.2	1.5	2.3
166	25.6	20.7	31.1

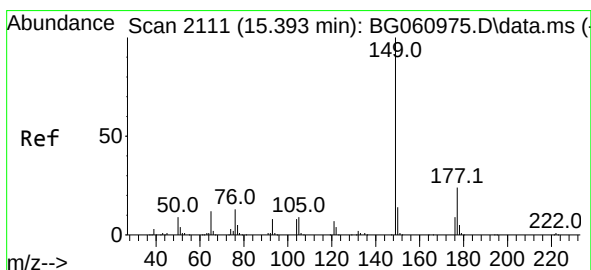
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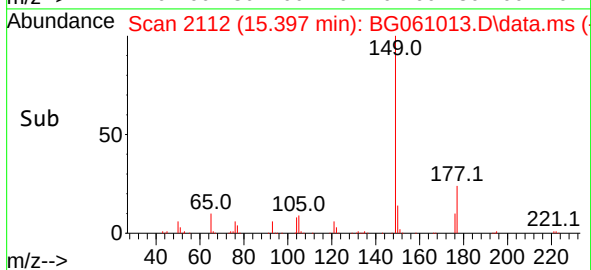
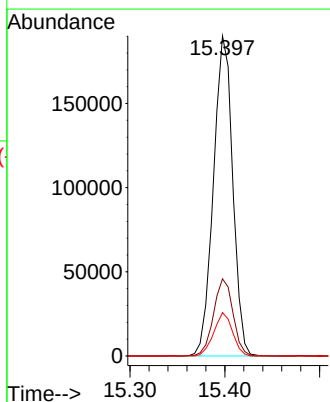
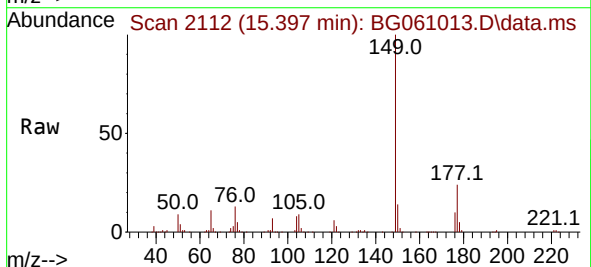
04/24/2024
Supervised By :mohammad
ahmed

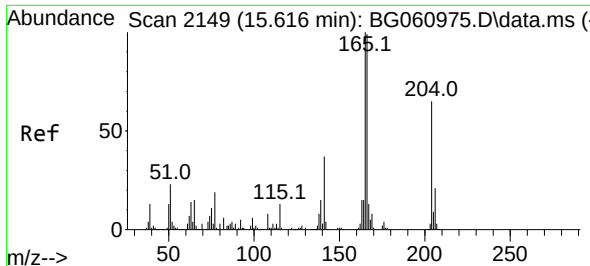
04/27/2024



#60
Diethylphthalate
Concen: 41.231 ng
RT: 15.397 min Scan# 2112
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

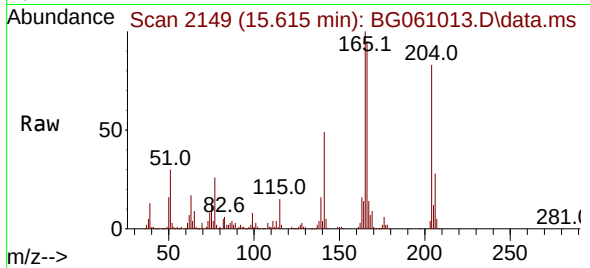
Tgt Ion:	149	Resp:	268665
Ion Ratio	Lower	Upper	
149	100		
177	24.1	18.8	28.2
150	13.6	11.2	16.8





#61
4-Chlorophenyl-phenylether
Concen: 41.159 ng
RT: 15.615 min Scan# 2149
Delta R.T. -0.001 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

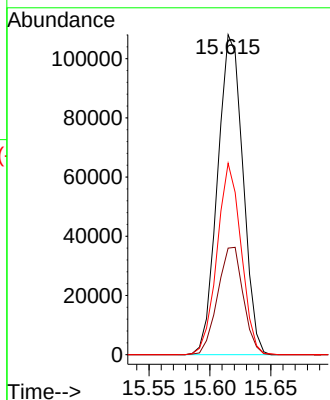
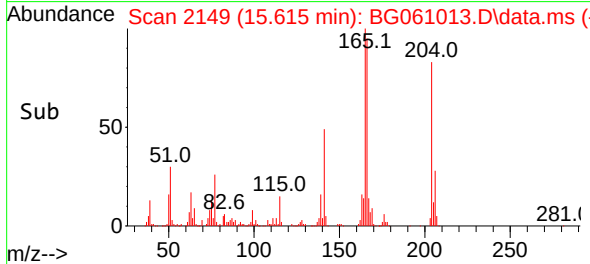
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MS



Tgt Ion:204 Resp: 156904
Ion Ratio Lower Upper
204 100
206 33.3 25.6 38.4
141 59.8 45.4 68.0

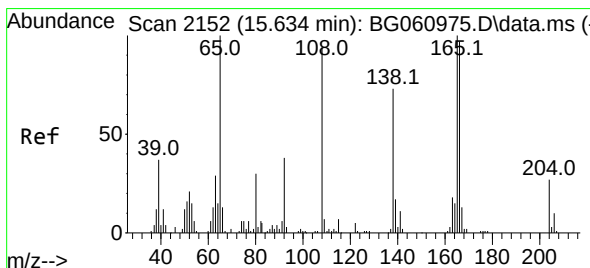
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

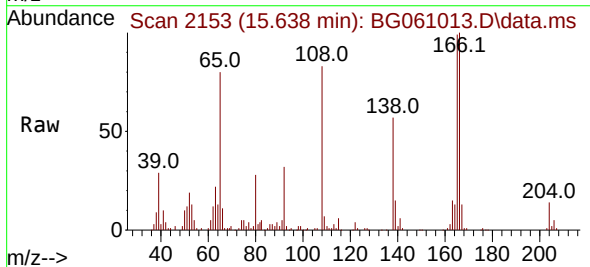


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Supervised By :mohammad
ahmed

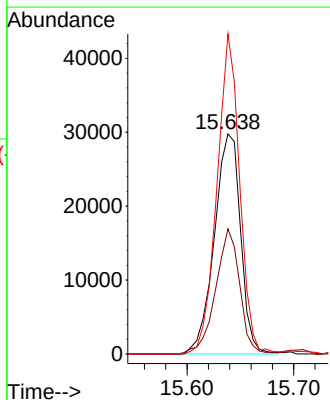
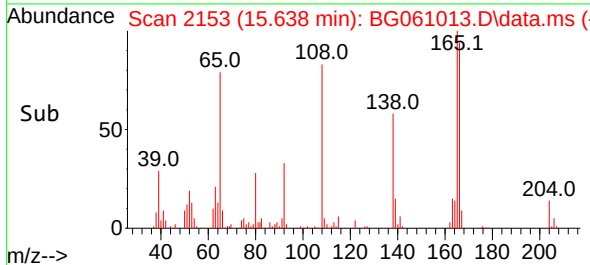
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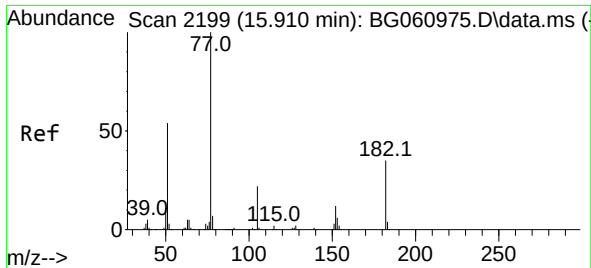


#62
4-Nitroaniline
Concen: 34.661 ng
RT: 15.638 min Scan# 2153
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39



Tgt Ion:138 Resp: 50880
Ion Ratio Lower Upper
138 100
92 56.9 32.2 72.2
108 145.5 109.0 149.0





#63
Azobenzene
Concen: 41.842 ng
RT: 15.909 min Scan# 2199
Delta R.T. -0.001 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

Instrument :

BNA_G

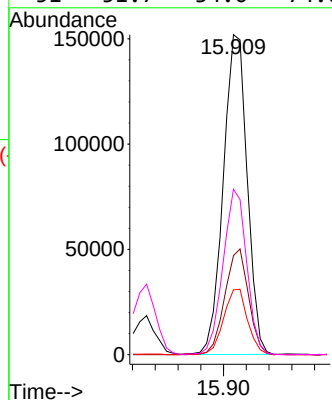
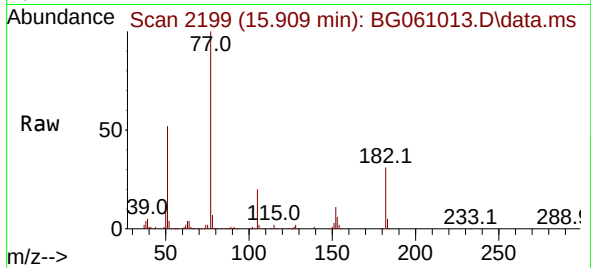
ClientSampleId :

RPI-SS-DUP-01MS

Tgt Ion: 77 Resp: 22176
Ion Ratio Lower Upper
77 100
182 30.9 14.5 54.5
105 20.3 1.9 41.9
51 51.7 34.0 74.0

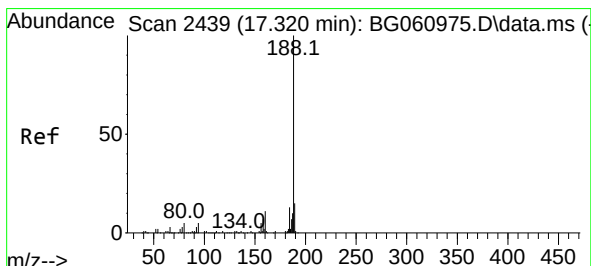
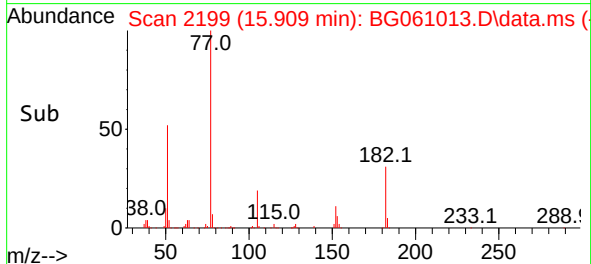
Manual Integrations
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Reviewed By :Yogesh
Patel



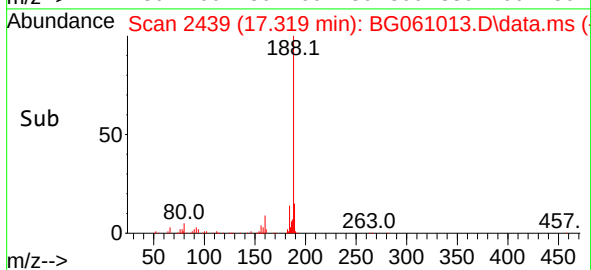
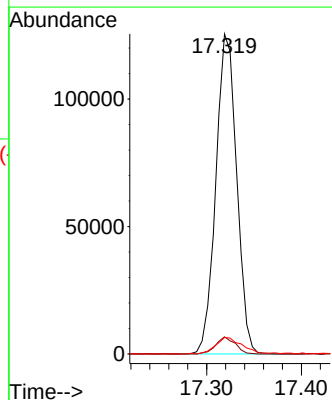
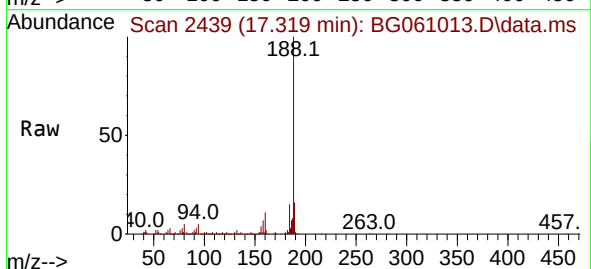
04/24/2024
Supervised By :mohammad
ahmed

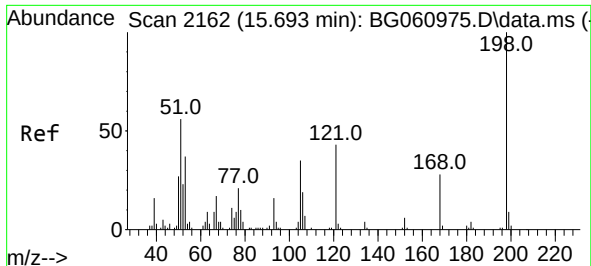
04/27/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.319 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

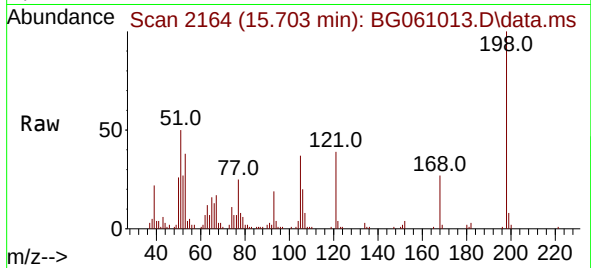
Tgt Ion:188 Resp: 191664
Ion Ratio Lower Upper
188 100
94 5.4 4.1 6.1
80 5.2 4.0 6.0





#65
4,6-Dinitro-2-methylphenol
Concen: 32.563 ng
RT: 15.703 min Scan# 2164
Delta R.T. 0.010 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

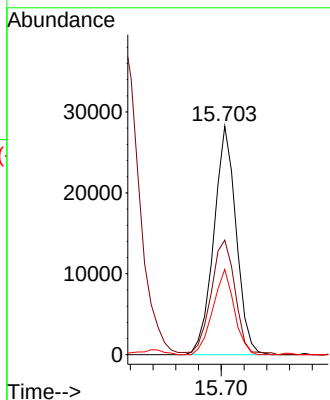
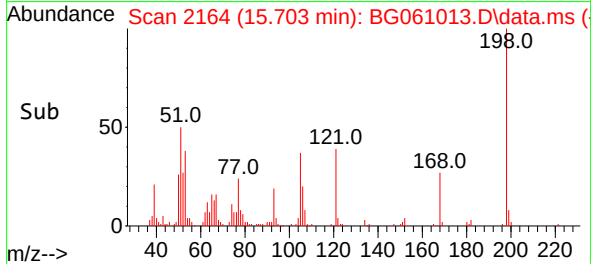
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MS



Tgt Ion:198 Resp: 3853
Ion Ratio Lower Upper
198 100
51 50.1 38.6 78.6
105 37.3 14.5 54.5

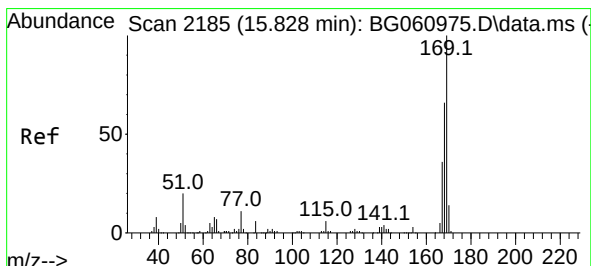
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

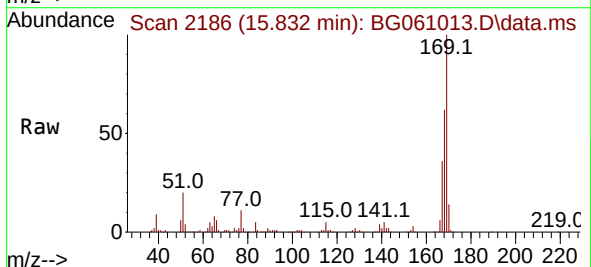


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Supervised By :mohammad
ahmed

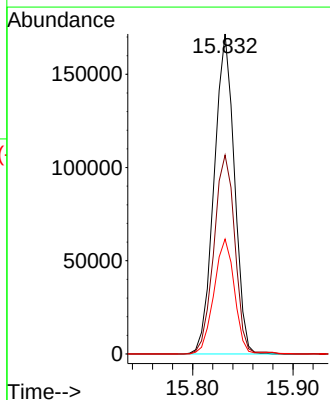
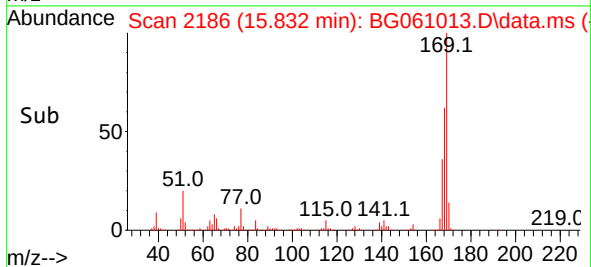
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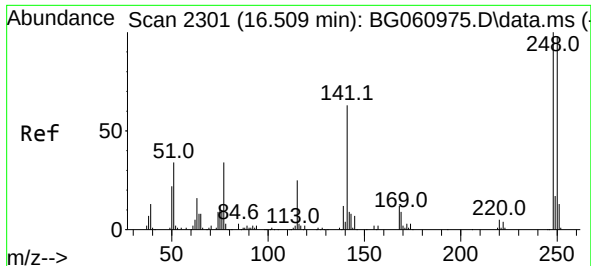


#66
n-Nitrosodiphenylamine
Concen: 45.498 ng
RT: 15.832 min Scan# 2186
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39



Tgt Ion:169 Resp: 240249
Ion Ratio Lower Upper
169 100
168 62.1 52.5 78.7
167 35.9 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 45.397 ng
RT: 16.514 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

Instrument :

BNA_G

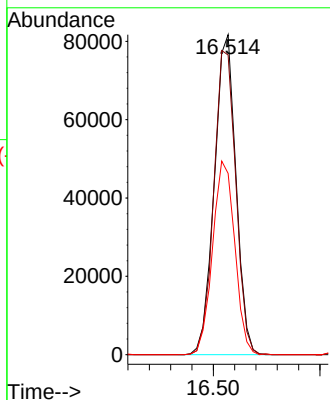
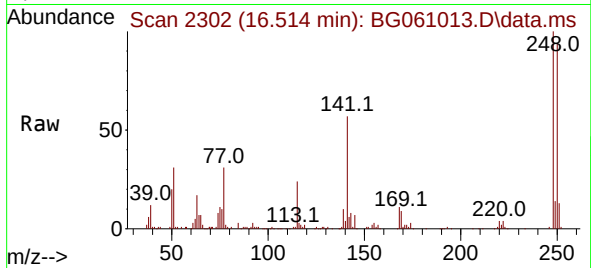
ClientSampleId :

RPI-SS-DUP-01MS

Tgt Ion:248 Resp: 11483
Ion Ratio Lower Upper
248 100
250 93.7 78.7 118.1
141 56.7 50.4 75.6

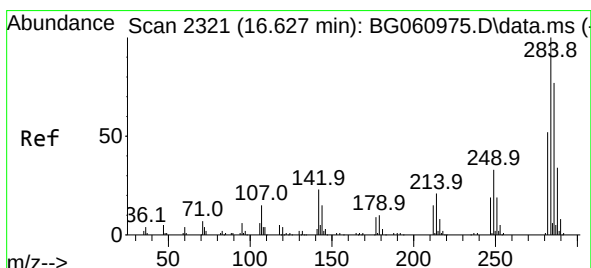
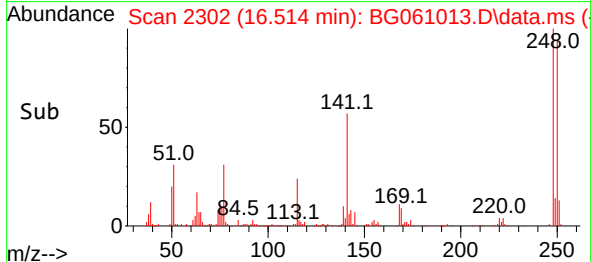
Manual Integrations
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Reviewed By :Yogesh
Patel



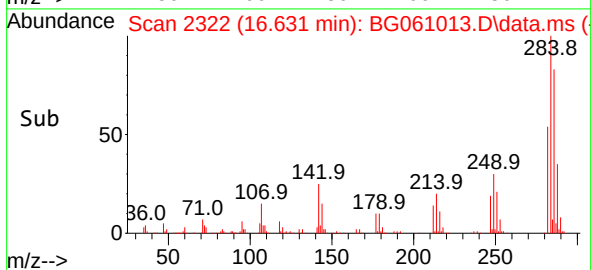
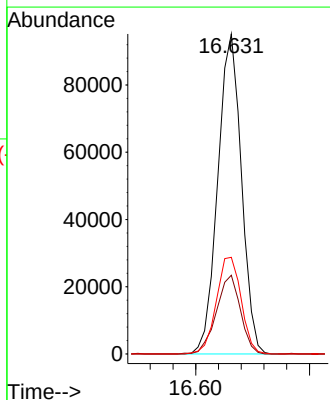
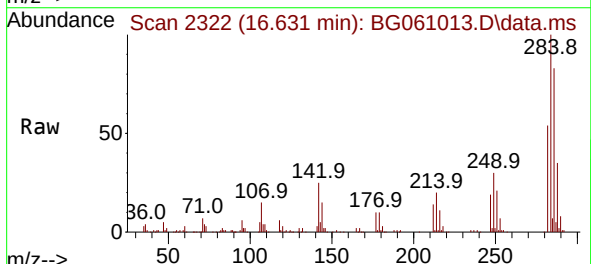
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Supervised By :mohammad
ahmed

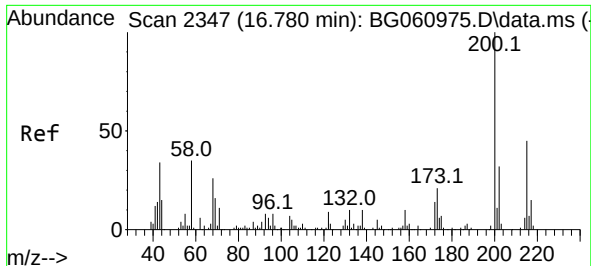
04/27/2024



#68
Hexachlorobenzene
Concen: 49.096 ng
RT: 16.631 min Scan# 2322
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

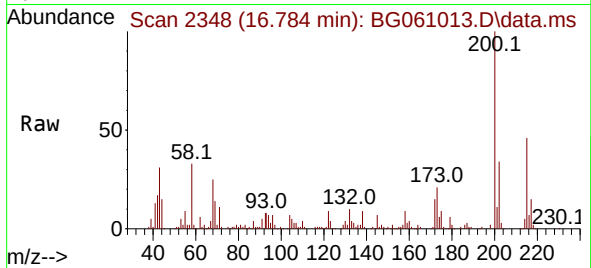
Tgt Ion:284 Resp: 137175
Ion Ratio Lower Upper
284 100
142 24.6 18.7 28.1
249 31.9 26.4 39.6





#69
 Atrazine
 Concen: 52.989 ng
 RT: 16.784 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG061013.D
 Acq: 23 Apr 2024 18:39

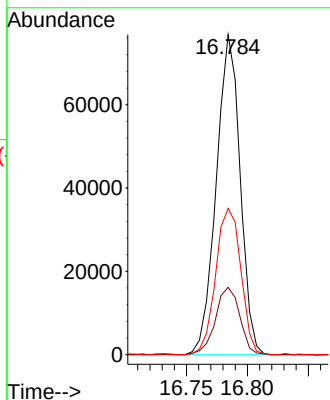
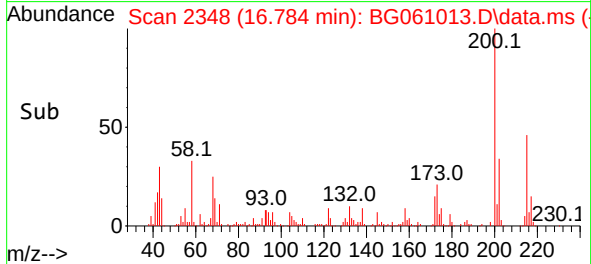
Instrument :
 BNA_G
 ClientSampleId :
 RPI-SS-DUP-01MS



Tgt Ion:200 Resp: 10472
 Ion Ratio Lower Upper
 200 100
 173 21.0 1.4 41.4
 215 45.7 25.3 65.3

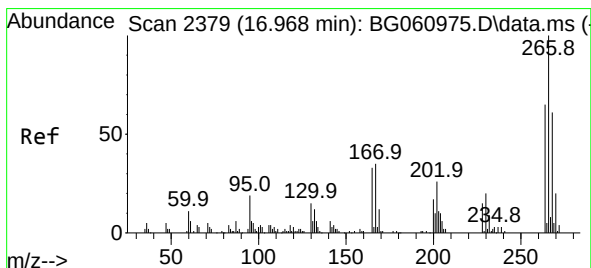
Manual Integrations
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Reviewed By :Yogesh
 Patel

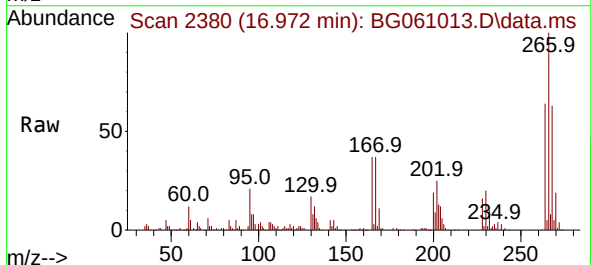


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 Supervised By :mohammad
 ahmed

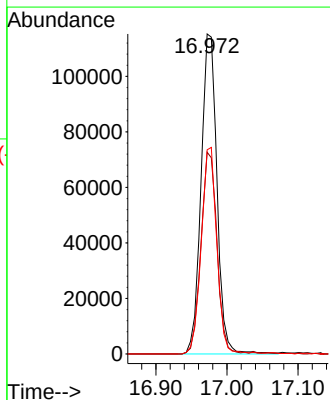
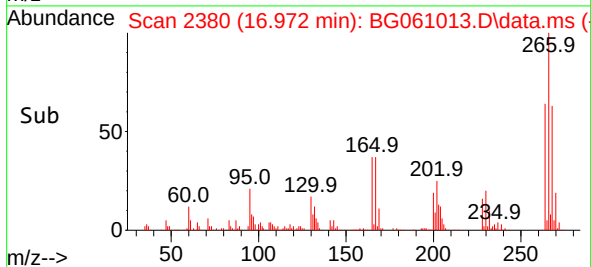
04/27/2024

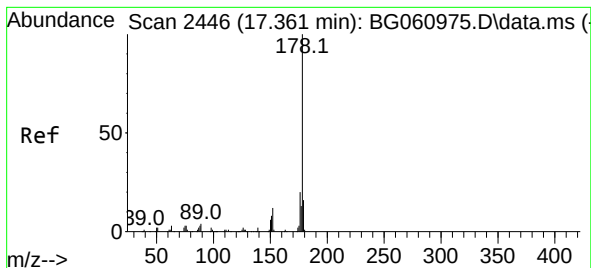


#70
 Pentachlorophenol
 Concen: 97.997 ng
 RT: 16.972 min Scan# 2380
 Delta R.T. 0.004 min
 Lab File: BG061013.D
 Acq: 23 Apr 2024 18:39



Tgt Ion:266 Resp: 179540
 Ion Ratio Lower Upper
 266 100
 268 63.0 49.1 73.7
 264 63.8 52.2 78.2





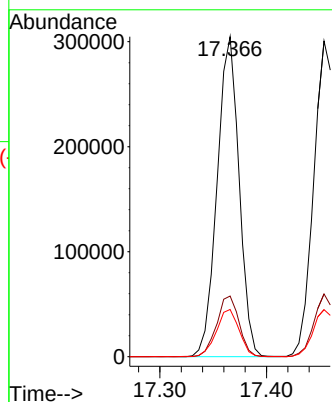
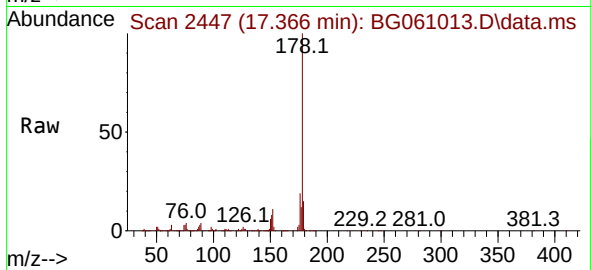
#71
Phenanthrene
Concen: 44.470 ng
RT: 17.366 min Scan# 2446
Delta R.T. 0.005 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MS

Tgt Ion:178 Resp: 435058
Ion Ratio Lower Upper
178 100
176 19.0 16.0 24.0
179 14.7 12.5 18.7

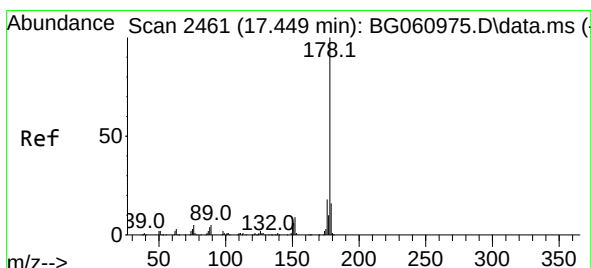
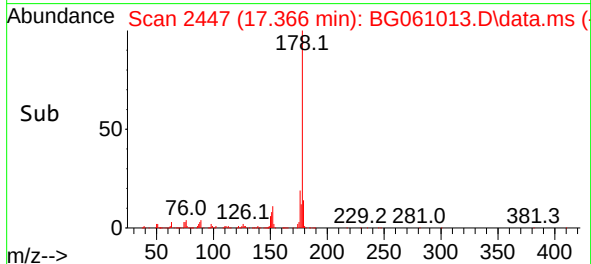
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Patel



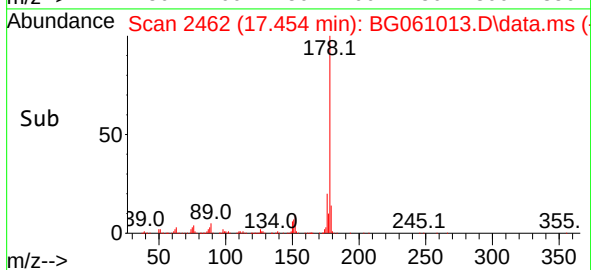
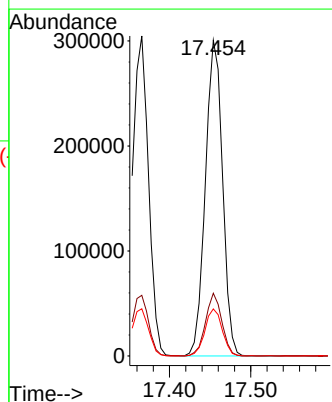
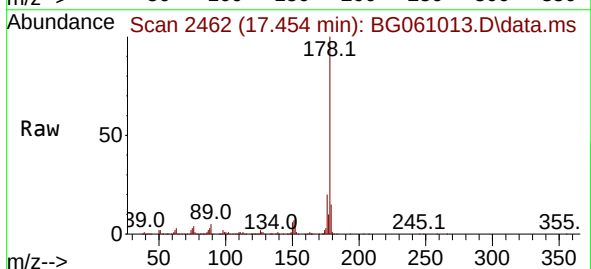
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Supervised By :mohammad
ahmed

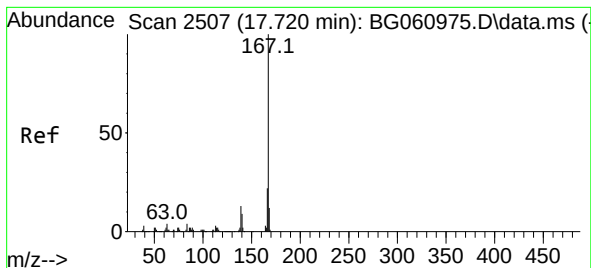
04/27/2024



#72
Anthracene
Concen: 43.790 ng
RT: 17.454 min Scan# 2462
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

Tgt Ion:178 Resp: 441218
Ion Ratio Lower Upper
178 100
176 19.9 14.7 22.1
179 14.9 12.4 18.6





#73

Carbazole

Concen: 44.579 ng

RT: 17.724 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG061013.D

Acq: 23 Apr 2024 18:39

Instrument :

BNA_G

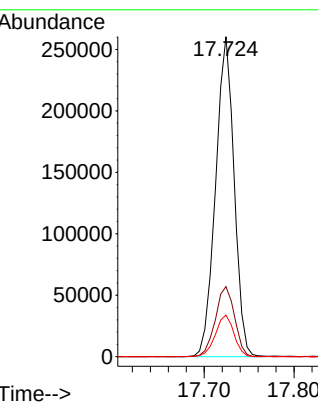
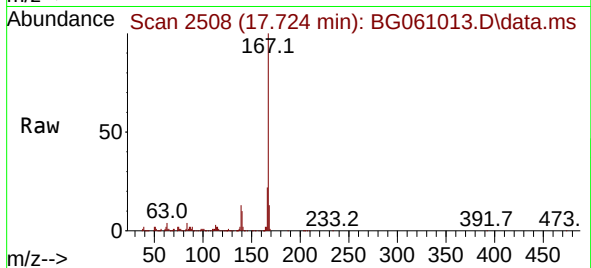
ClientSampleId :

RPI-SS-DUP-01MS

Tgt Ion:167	Resp: 37303
Ion Ratio	Lower Upper
167 100	
166 21.9	17.8 26.8
139 13.0	10.2 15.2

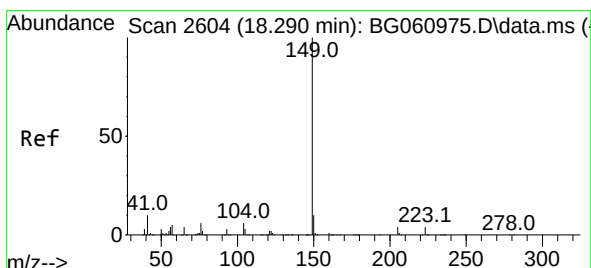
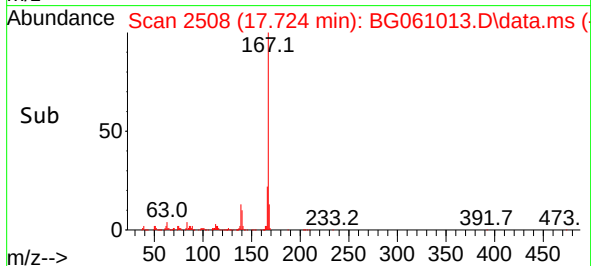
Manual Integrations
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Reviewed By :Yogesh
Patel



04/24/2024
Supervised By :mohammad
ahmed

04/27/2024



#74

Di-n-butylphthalate

Concen: 42.757 ng

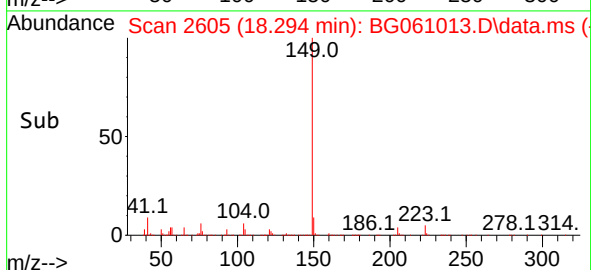
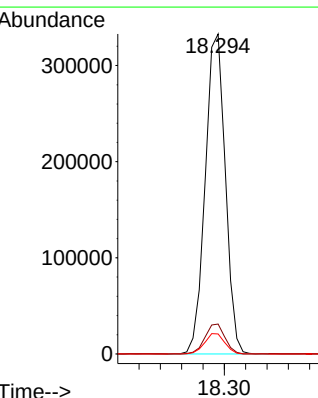
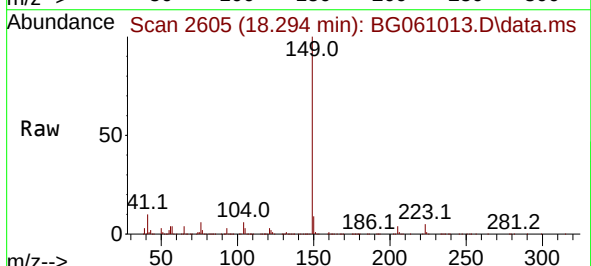
RT: 18.294 min Scan# 2605

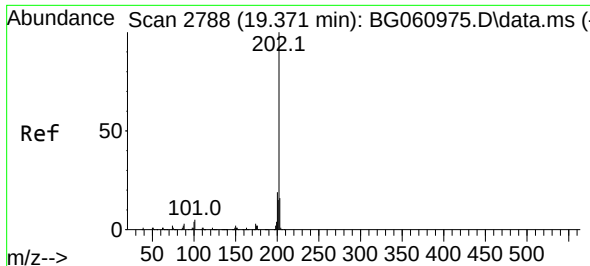
Delta R.T. 0.004 min

Lab File: BG061013.D

Acq: 23 Apr 2024 18:39

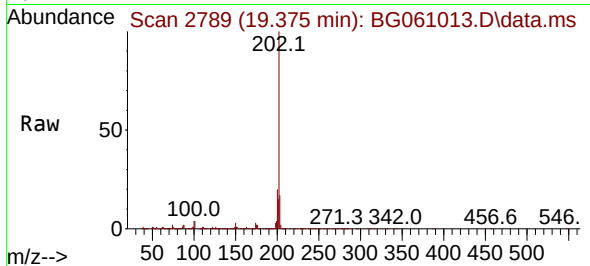
Tgt Ion:149	Resp: 434390
Ion Ratio	Lower Upper
149 100	
150 9.4	7.7 11.5
104 6.3	5.0 7.6





#75
Fluoranthene
Concen: 42.552 ng
RT: 19.375 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

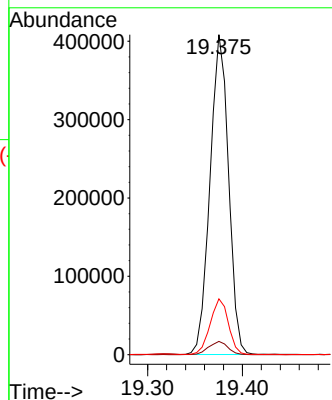
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MS



Tgt Ion:202 Resp: 552478
Ion Ratio Lower Upper
202 100
101 4.1 0.0 24.9
203 17.4 0.0 36.2

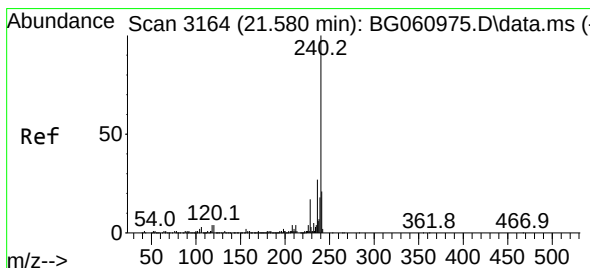
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



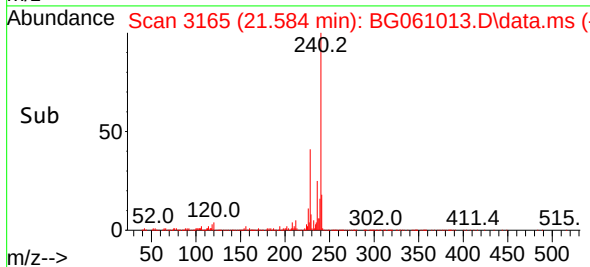
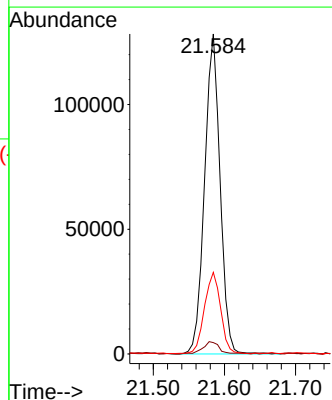
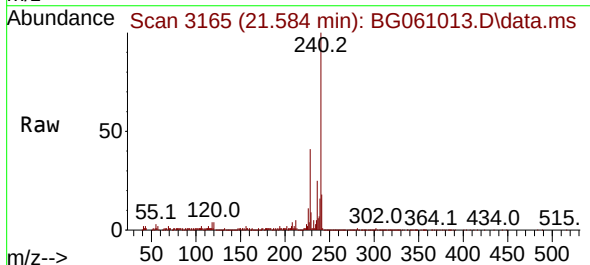
04/24/2024
Supervised By :mohammad
ahmed

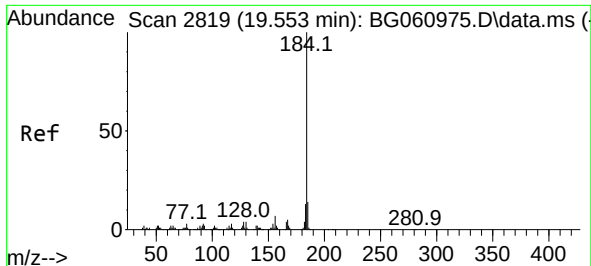
04/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.584 min Scan# 3165
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

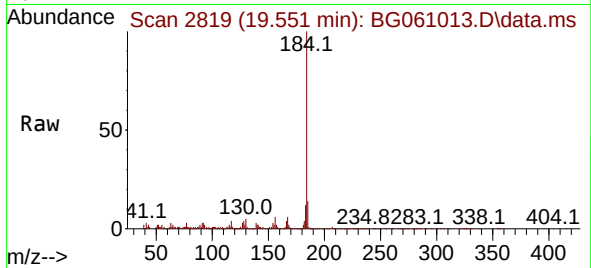
Tgt Ion:240 Resp: 194981
Ion Ratio Lower Upper
240 100
120 3.6 3.0 4.6
236 25.5 21.8 32.6





#77
Benzidine
Concen: 37.444 ng
RT: 19.551 min Scan# 2819
Delta R.T. -0.002 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

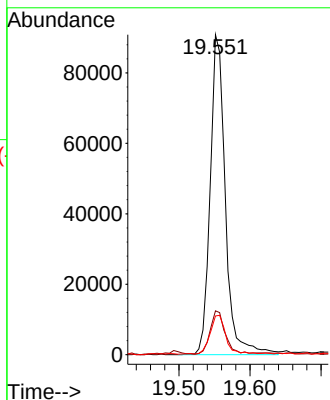
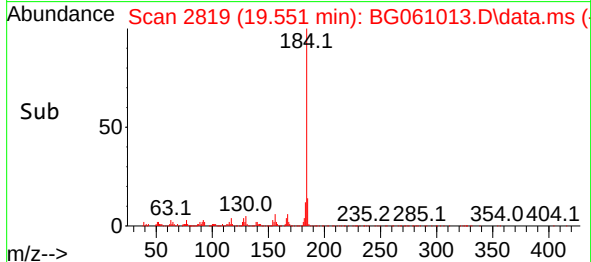
Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MS



Tgt Ion:184 Resp: 135270
Ion Ratio Lower Upper
184 100
185 13.7 11.3 16.9
183 12.1 10.2 15.2

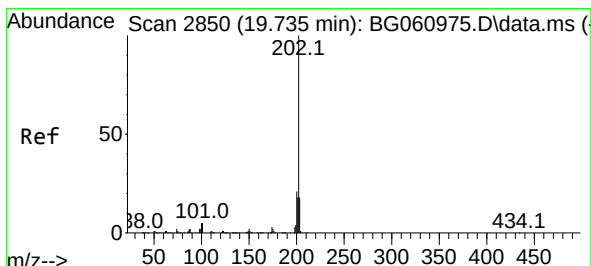
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

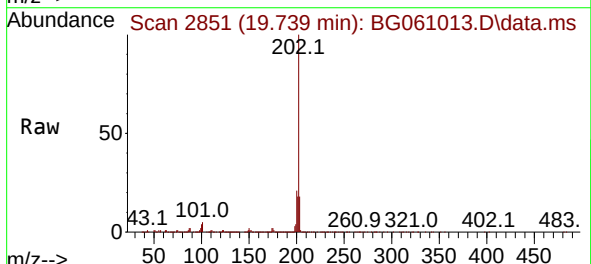


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Supervised By :mohammad
ahmed

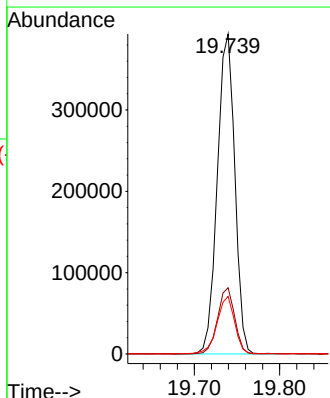
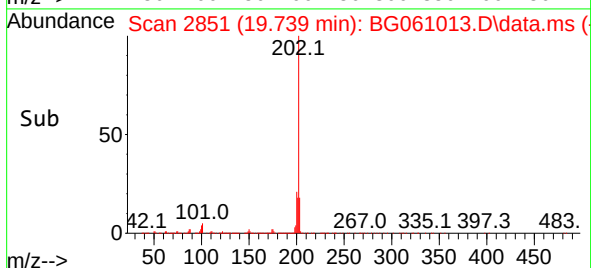
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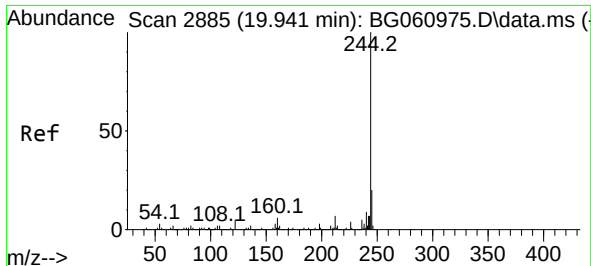


#78
Pyrene
Concen: 42.335 ng
RT: 19.739 min Scan# 2851
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39



Tgt Ion:202 Resp: 562050
Ion Ratio Lower Upper
202 100
200 20.7 16.8 25.2
203 18.0 14.2 21.2





#79
 Terphenyl-d14
 Concen: 62.837 ng
 RT: 19.939 min Scan# 2885
 Delta R.T. -0.001 min
 Lab File: BG061013.D
 Acq: 23 Apr 2024 18:39

Instrument :

BNA_G

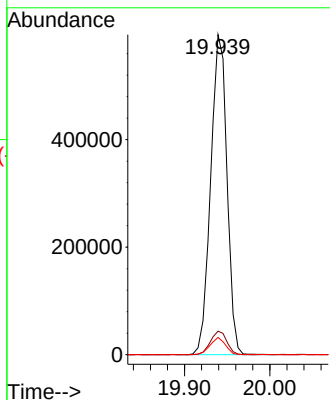
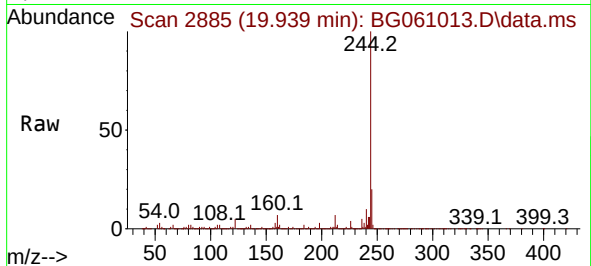
ClientSampleId :

RPI-SS-DUP-01MS

Tgt Ion:244 Resp: 789310
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 5.4 4.2 6.2

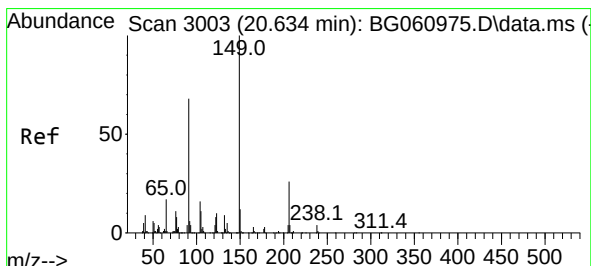
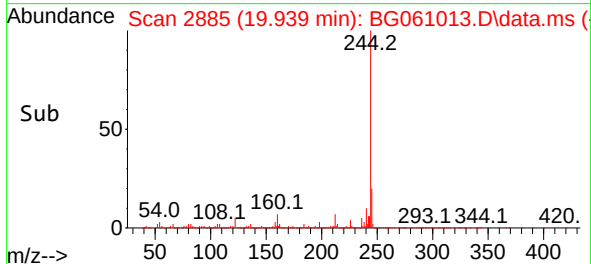
Manual Integrations
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Reviewed By :Yogesh
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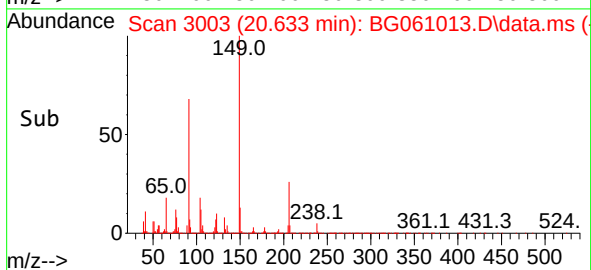
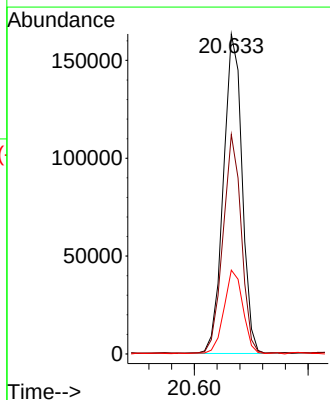
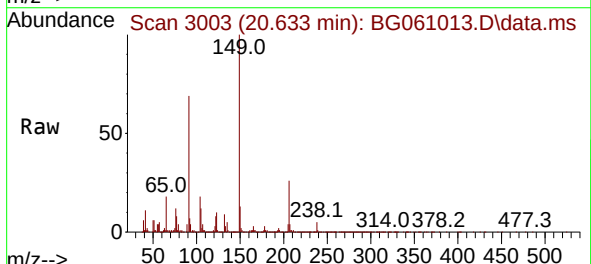
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 Supervised By :mohammad
 ahmed

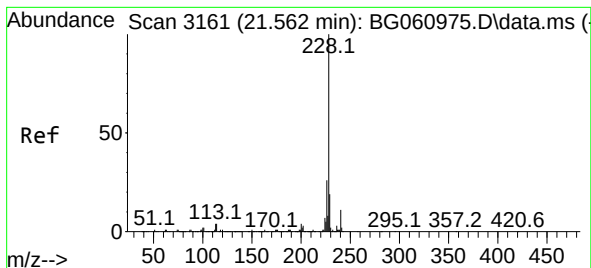
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#80
 Butylbenzylphthalate
 Concen: 42.150 ng
 RT: 20.633 min Scan# 3003
 Delta R.T. -0.001 min
 Lab File: BG061013.D
 Acq: 23 Apr 2024 18:39

Tgt Ion:149 Resp: 186516
 Ion Ratio Lower Upper
 149 100
 91 68.6 54.4 81.6
 206 26.2 20.8 31.2





#81

Benzo(a)anthracene

Concen: 45.122 ng

RT: 21.567 min Scan# 3161

Delta R.T. 0.004 min

Lab File: BG061013.D

Acq: 23 Apr 2024 18:39

Instrument :

BNA_G

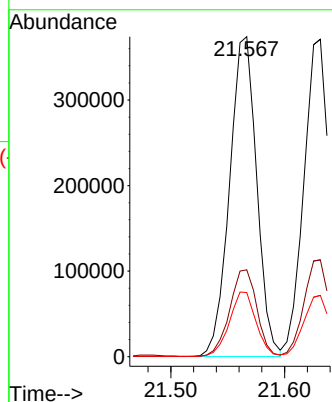
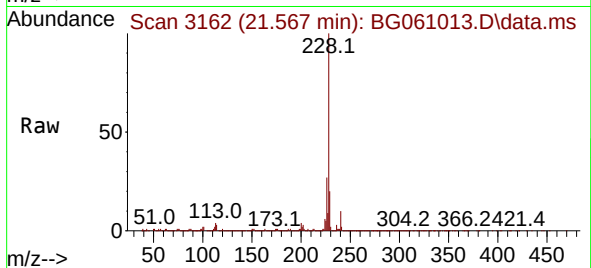
ClientSampleId :

RPI-SS-DUP-01MS

Tgt Ion:	228	Resp:	618554
Ion Ratio	Lower	Upper	
228	100		
226	27.1	21.0	31.4
229	20.0	15.0	22.4

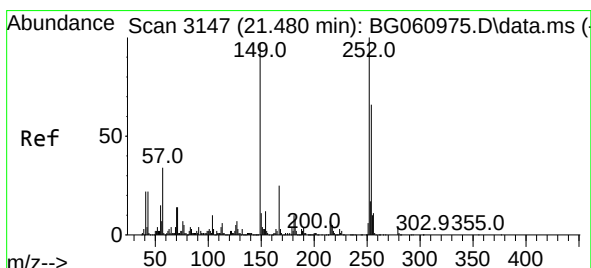
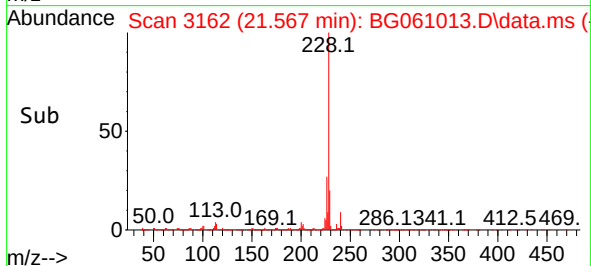
Manual Integrations
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Reviewed By :Yogesh
Patel



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Supervised By :mohammad
ahmed

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#82

3,3'-Dichlorobenzidine

Concen: 29.193 ng

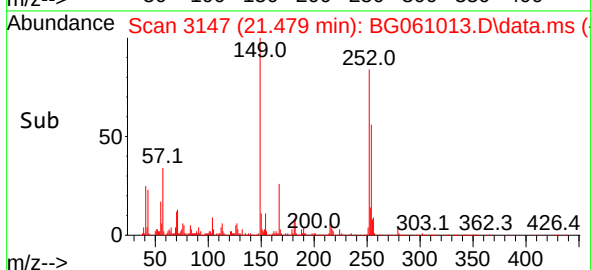
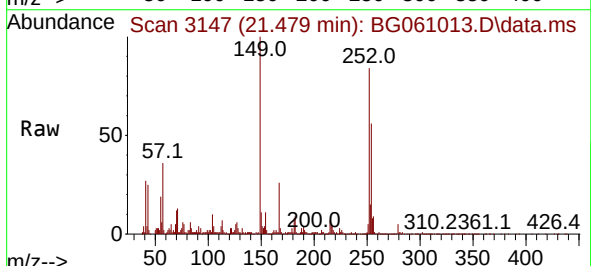
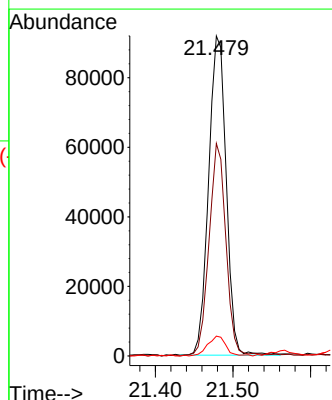
RT: 21.479 min Scan# 3147

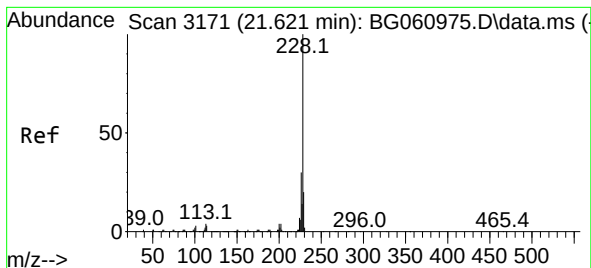
Delta R.T. -0.001 min

Lab File: BG061013.D

Acq: 23 Apr 2024 18:39

Tgt Ion:	252	Resp:	144628
Ion Ratio	Lower	Upper	
252	100		
254	66.4	52.7	79.1
126	6.2	4.2	6.2





#83

Chrysene

Concen: 44.558 ng

RT: 21.631 min Scan# 3173

Delta R.T. 0.010 min

Lab File: BG061013.D

Acq: 23 Apr 2024 18:39

Instrument :

BNA_G

ClientSampleId :

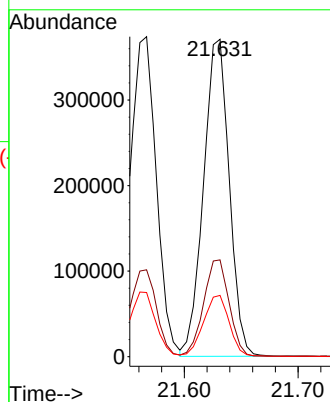
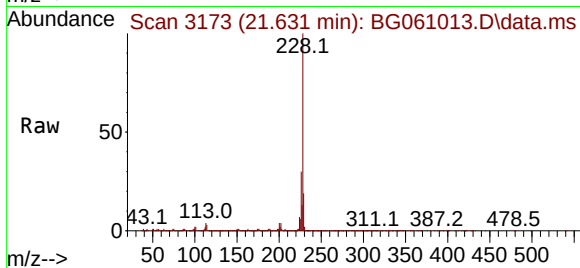
RPI-SS-DUP-01MS

Tgt Ion:228 Resp: 581550

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	19.3	15.7	23.5

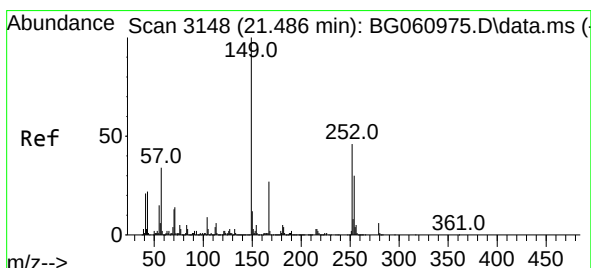
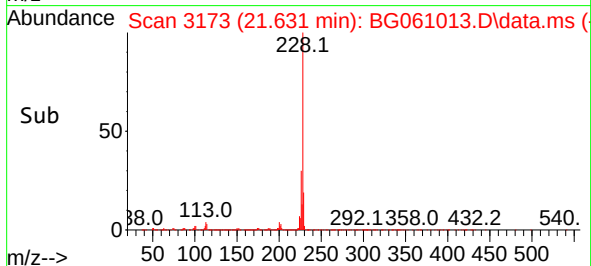
Manual Integrations
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Reviewed By :Yogesh
Patel



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ahmed

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#84

Bis(2-ethylhexyl)phthalate

Concen: 41.627 ng

RT: 21.490 min Scan# 3149

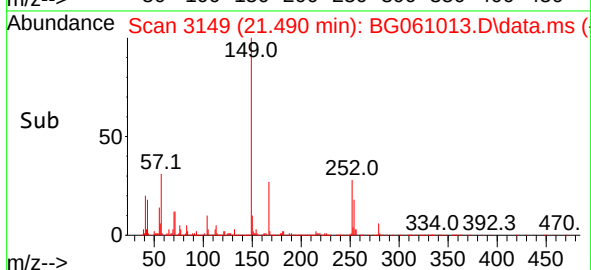
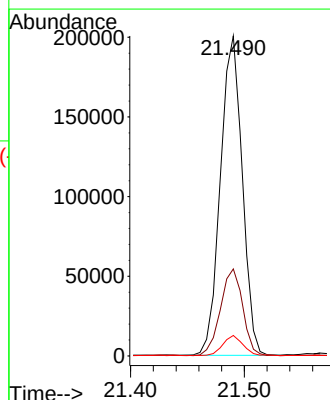
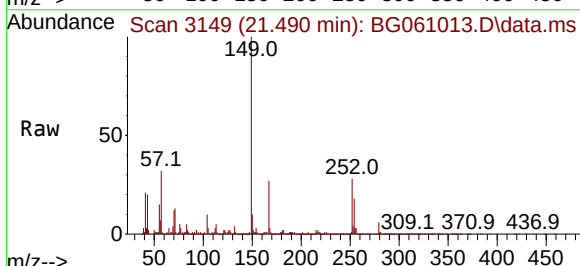
Delta R.T. 0.004 min

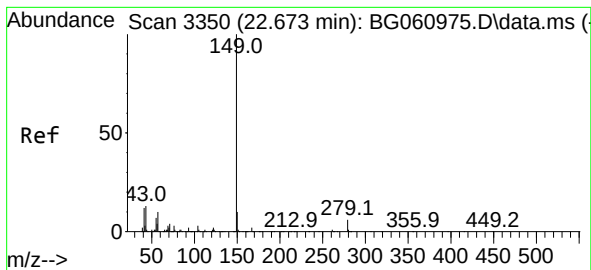
Lab File: BG061013.D

Acq: 23 Apr 2024 18:39

Tgt Ion:149 Resp: 267804

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.8	32.8
279	6.4	4.4	6.6





#85

Di-n-octyl phthalate

Concen: 43.260 ng

RT: 22.677 min Scan# 31

Delta R.T. 0.004 min

Lab File: BG061013.D

Acq: 23 Apr 2024 18:39

Instrument :

BNA_G

ClientSampleId :

RPI-SS-DUP-01MS

Tgt Ion:149 Resp: 46206

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

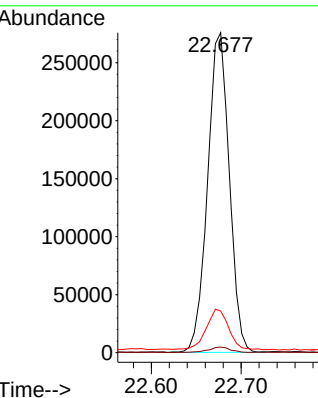
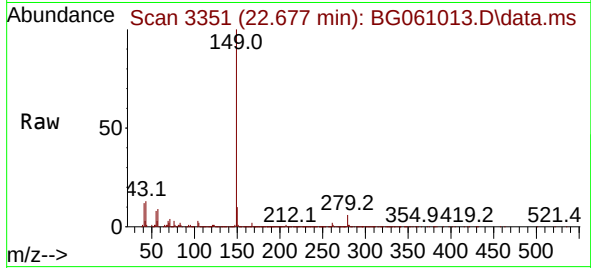
43 13.2 11.0 16.6

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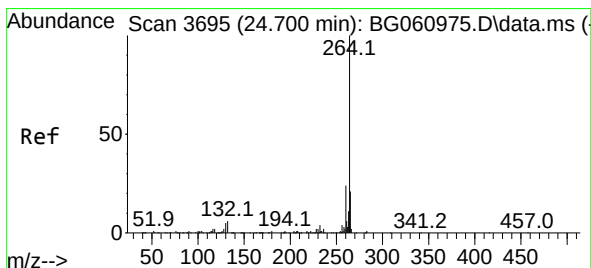
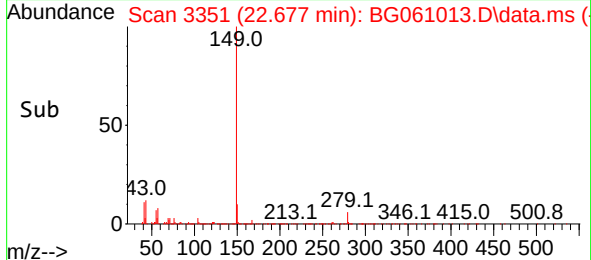
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ahmed

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#86

Perylene-d12

Concen: 20.000 ng

RT: 24.710 min Scan# 3697

Delta R.T. 0.010 min

Lab File: BG061013.D

Acq: 23 Apr 2024 18:39

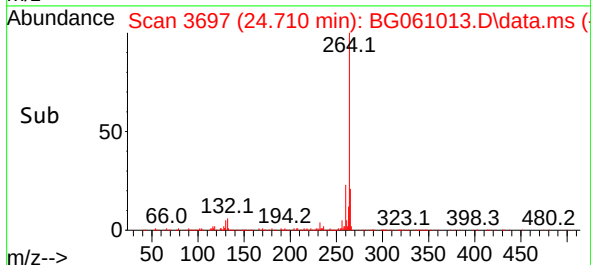
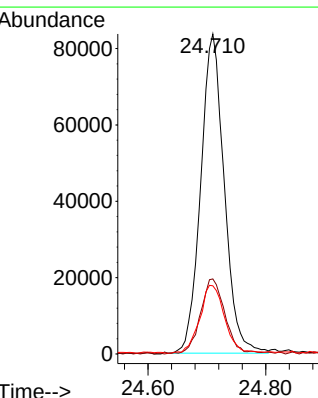
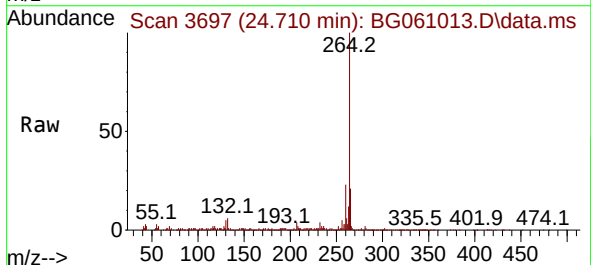
Tgt Ion:264 Resp: 232019

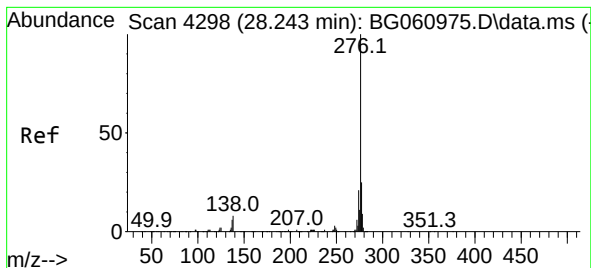
Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

265 21.3 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.755 ng m

RT: 28.271 min Scan# 41

Delta R.T. 0.028 min

Lab File: BG061013.D

Acq: 23 Apr 2024 18:39

Instrument :

BNA_G

ClientSampleId :

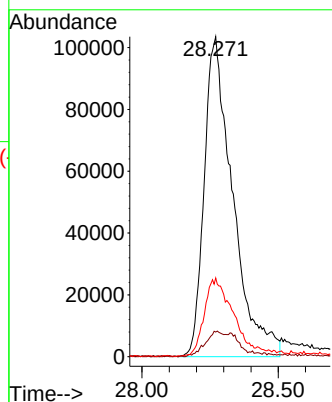
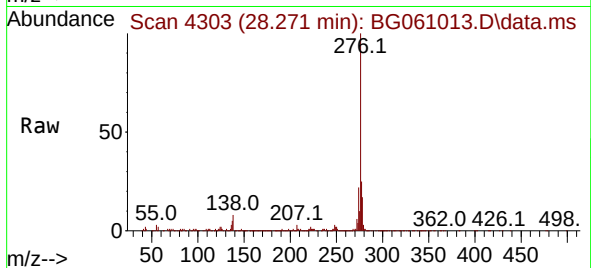
RPI-SS-DUP-01MS

Tgt Ion: 276 Resp: 752544

Ion	Ratio	Lower	Upper
276	100		
138	5.6	5.3	7.9
277	8.9	20.6	30.8

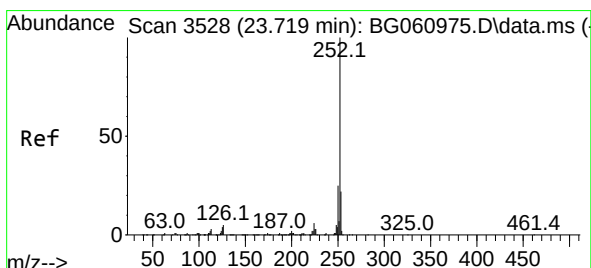
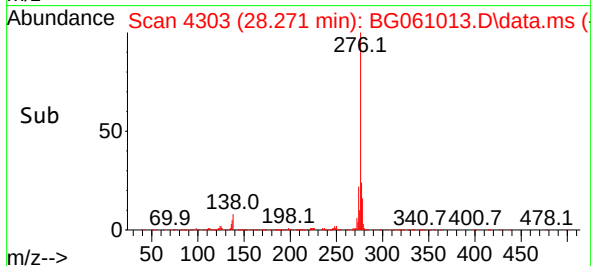
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Reviewed By :Yogesh
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#88

Benzo(b)fluoranthene

Concen: 47.646 ng

RT: 23.729 min Scan# 3530

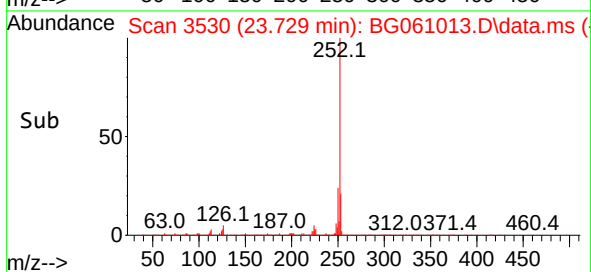
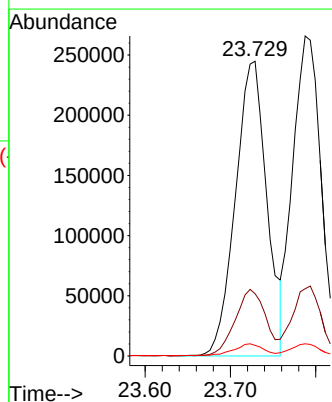
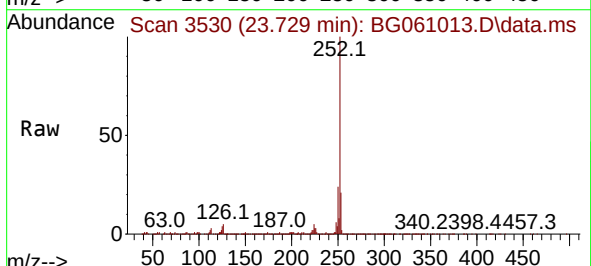
Delta R.T. 0.010 min

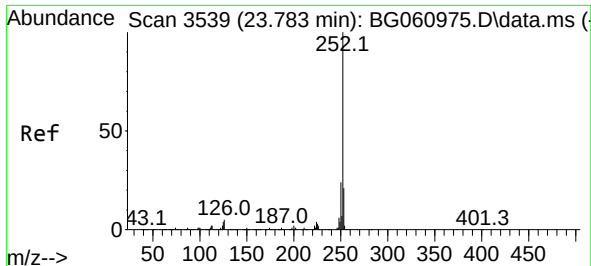
Lab File: BG061013.D

Acq: 23 Apr 2024 18:39

Tgt Ion: 252 Resp: 626471

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.5	26.3
125	3.6	3.3	4.9





#89
Benzo(k)fluoranthene
Concen: 46.226 ng
RT: 23.788 min Scan# 31
Delta R.T. 0.004 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

Instrument :

BNA_G

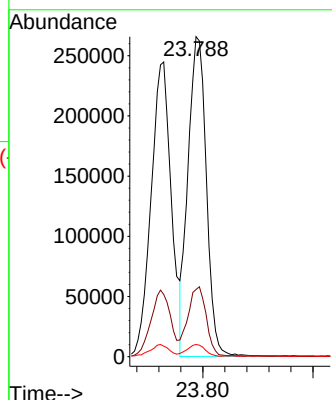
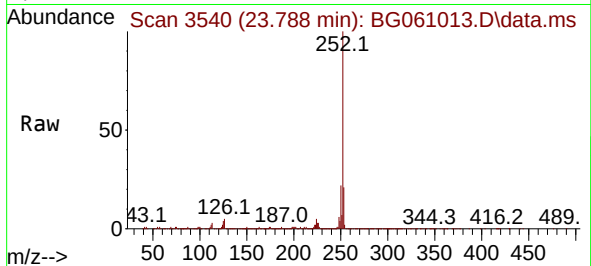
ClientSampleId :

RPI-SS-DUP-01MS

Tgt Ion:252 Resp: 61356
Ion Ratio Lower Upper
252 100
253 21.0 16.6 25.0
125 3.8 3.3 4.9

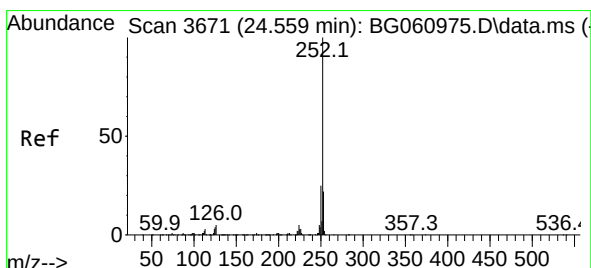
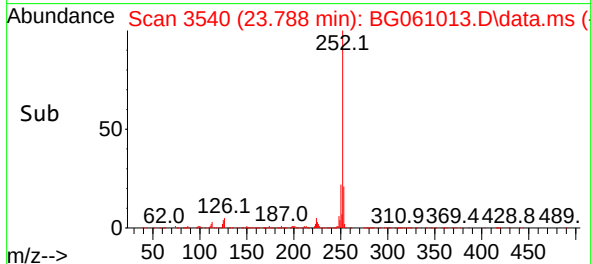
Manual Integrations
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Reviewed By :Yogesh
Patel



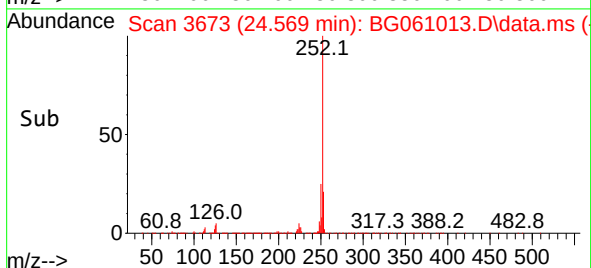
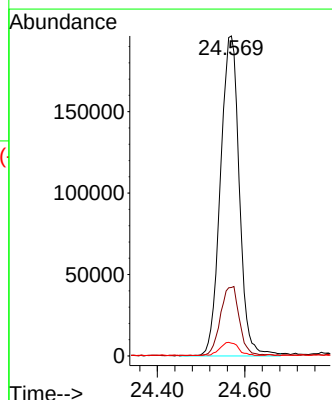
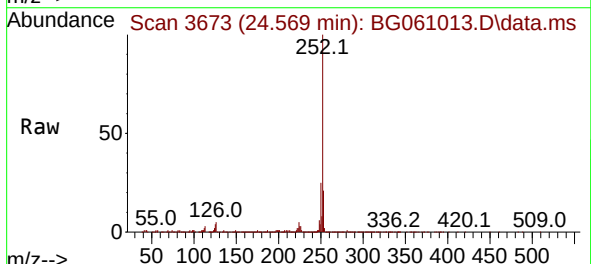
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Supervised By :mohammad
ahmed

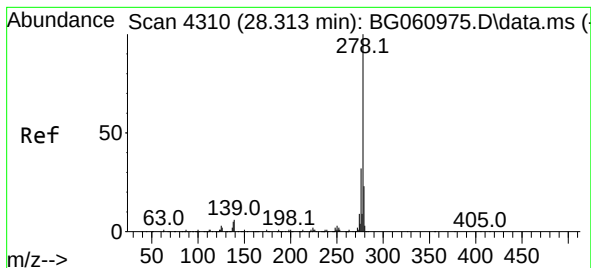
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#90
Benzo(a)pyrene
Concen: 46.106 ng
RT: 24.569 min Scan# 3673
Delta R.T. 0.010 min
Lab File: BG061013.D
Acq: 23 Apr 2024 18:39

Tgt Ion:252 Resp: 586776
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 4.0 3.6 5.4





#91

Dibenzo(a,h)anthracene

Concen: 47.739 ng

RT: 28.329 min Scan# 41

Delta R.T. 0.016 min

Lab File: BG061013.D

Acq: 23 Apr 2024 18:39

Instrument :

BNA_G

ClientSampleId :

RPI-SS-DUP-01MS

Tgt Ion:278 Resp: 62777

Ion Ratio Lower Upper

278 100

139 5.3 4.7 7.1

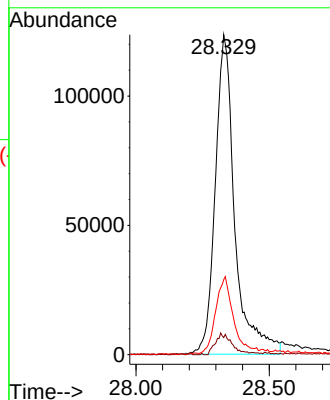
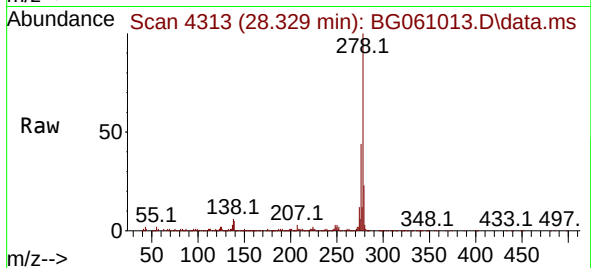
279 23.5 18.2 27.4

Manual Integrations

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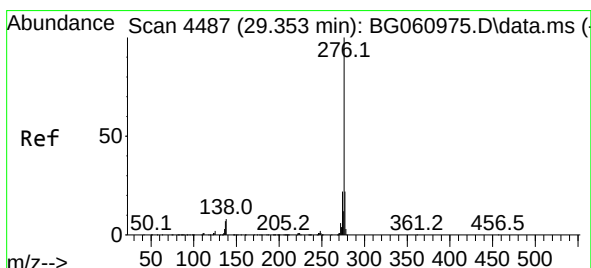
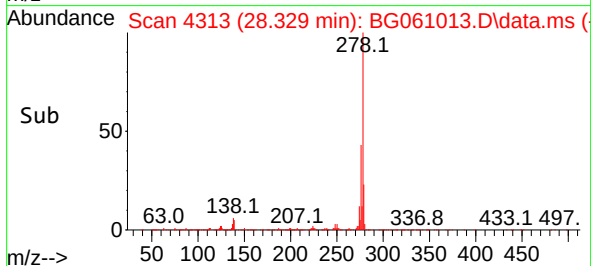
Patel



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Supervised By :mohammad
ahmed

04/27/2024



#92

Benzo(g,h,i)perylene

Concen: 40.522 ng m

RT: 29.375 min Scan# 4491

Delta R.T. 0.022 min

Lab File: BG061013.D

Acq: 23 Apr 2024 18:39

Tgt Ion:276 Resp: 528345

Ion Ratio Lower Upper

276 100

277 22.8 18.0 27.0

138 8.1 6.5 9.7

