

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
 Data File : BG061837.D
 Acq On : 2 Jul 2024 8:20
 Operator : MA/JU
 Sample : P2963-24MSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CS3MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 08:54:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	74457	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	320313	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.688	164	204978	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.432	188	438226	20.000	ng/u1	0.00
79) Chrysene-d12	21.692	240	315890	20.000	ng/u1	0.00
88) Perylene-d12	24.917	264	389418	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.454	96	9605m	4.660	ng/uL	0.00
4) Pyridine-d5	3.877	84	42679	6.849	ng/u1	0.00
7) Phenol-d5	7.209	99	239921	29.682	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.379	67	147024	29.178	ng/u1	0.00
11) 2-Chlorophenol-d4	7.585	132	171395	30.900	ng/u1	0.00
15) 4-Methylphenol-d8	8.760	113	184804	29.575	ng/u1	0.00
21) Nitrobenzene-d5	9.224	128	86649	39.840	ng/u1	0.00
24) 2-Nitrophenol-d4	9.941	143	99195	45.032	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	193925	37.180	ng/u1	0.00
31) 4-Chloroaniline-d4	11.004	131	37132	4.702	ng/u1	0.00
46) Dimethylphthalate-d6	14.089	166	557566	35.348	ng/u1	0.00
49) Acenaphthylene-d8	14.383	160	620552	35.898	ng/u1	0.00
54) 4-Nitrophenol-d4	14.876	143	91116	33.634	ng/u1	0.01
60) Fluorene-d10	15.675	176	480726	34.812	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.793	200	69923	37.314	ng/u1	0.00
73) Anthracene-d10	17.532	188	710788	35.533	ng/u1	0.00
81) Pyrene-d10	19.811	212	601401	34.083	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.694	264	414761	22.300	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.495	88	26926	10.512	ng/uL#	83
5) Pyridine	3.901	79	82361	12.295	ng/u1	97
6) Benzaldehyde	7.191	77	116356m	29.253	ng/u1	
8) Phenol	7.238	94	302030	35.508	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.473	93	203004	31.709	ng/u1	95
12) 2-Chlorophenol	7.620	128	201630	36.233	ng/u1#	89
13) 2-Methylphenol	8.495	108	203692	34.227	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.578	45	447375	34.204	ng/u1	98
16) Acetophenone	8.883	105	335196	32.577	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.866	70	168835	30.546	ng/u1#	95
18) 4-Methylphenol	8.824	108	224538	33.678	ng/u1	97
19) Hexachloroethane	9.142	117	63814	28.600	ng/u1	89
22) Nitrobenzene	9.265	77	267847	42.750	ng/u1	91
23) Isophorone	9.788	82	524796	36.421	ng/u1	98
25) 2-Nitrophenol	9.976	139	114181	49.571	ng/u1#	72
26) 2,4-Dimethylphenol	10.035	107	241108	37.427	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.270	93	294655	36.149	ng/u1	93
29) 2,4-Dichlorophenol	10.511	162	203443	42.572	ng/u1	98
30) Naphthalene	10.922	128	691324	38.573	ng/u1	99
32) 4-Chloroaniline	11.028	127	86230	11.010	ng/u1	93
33) Hexachlorobutadiene	11.192	225	148254	44.912	ng/u1#	91
34) Caprolactam	11.809	113	56613m	28.650	ng/u1	
35) 4-Chloro-3-methylphenol	12.144	107	254643	38.105	ng/u1	99
36) 2-Methylnaphthalene	12.520	142	479096	37.884	ng/u1	98

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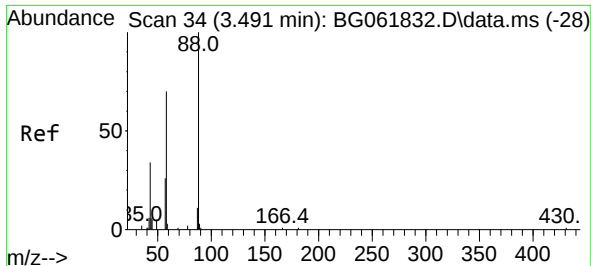
Manual Integrations
 APPROVED

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 Supervised By :mohammad ahmed 07/04/2024

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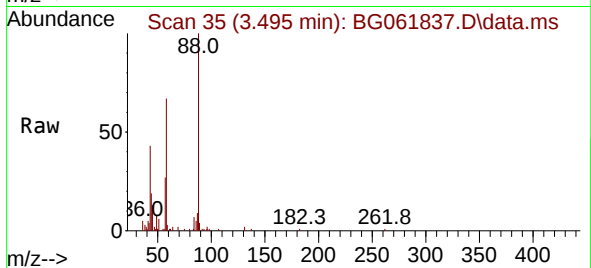
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.737	142	495270	36.704	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.878	216	253254	43.656	ng/ul	94
40) Hexachlorocyclopentadiene	12.855	237	74296	21.525	ng/ul	92
41) 2,4,6-Trichlorophenol	13.119	196	167612	44.783	ng/ul	89
42) 2,4,5-Trichlorophenol	13.196	196	184233	45.160	ng/ul	87
43) 1,1'-Biphenyl	13.519	154	633942	42.695	ng/ul	99
44) 2-Chloronaphthalene	13.566	162	469129	41.132	ng/ul	97
45) 2-Nitroaniline	13.766	65	197522	50.589	ng/ul	94
47) Dimethylphthalate	14.136	163	587065	37.479	ng/ul#	97
48) 2,6-Dinitrotoluene	14.259	165	127896	49.205	ng/ul#	95
50) Acenaphthylene	14.412	152	755388	39.146	ng/ul	98
51) 3-Nitroaniline	14.588	138	82581	31.024	ng/ul	98
52) Acenaphthene	14.753	153	519160	38.849	ng/ul	92
53) 2,4-Dinitrophenol	14.794	184	48521	36.734	ng/ul	86
55) 4-Nitrophenol	14.894	109	117236	41.907	ng/ul	94
56) Dibenzofuran	15.082	168	752668	40.248	ng/ul	91
57) 2,4-Dinitrotoluene	15.047	165	189418	49.094	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.305	232	156599	39.149	ng/ul	94
59) Diethylphthalate	15.499	149	616514	38.216	ng/ul	96
61) Fluorene	15.734	166	605521	39.125	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.722	204	300500	39.113	ng/ul	98
63) 4-Nitroaniline	15.752	138	99908	35.429	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.804	198	87106	41.039	ng/ul#	85
67) N-Nitrosodiphenylamine	15.934	169	496571	43.818	ng/ul	97
68) 4-Bromophenyl-phenylether	16.615	248	204880	45.407	ng/ul	93
69) Hexachlorobenzene	16.727	284	177121	32.347	ng/ul	98
70) Atrazine	16.886	200	130910	28.921	ng/ul	97
71) Pentachlorophenol	17.074	266	129502	38.825	ng/ul	95
72) Phenanthrene	17.473	178	1246046	54.047	ng/ul	99
74) Anthracene	17.567	178	971269	41.197	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.484	216	262505	53.766	ng/ul	98
76) Pentachlorobenzene	14.999	250	226087	38.560	ng/ul	89
77) Carbazole	17.831	167	717165	35.826	ng/ul	99
78) Di-n-butylphthalate	18.384	149	1025792	42.845	ng/ul	98
80) Fluoranthene	19.477	202	1559416	76.168	ng/ul	98
82) Pyrene	19.841	202	1214053	55.769	ng/ul	95
83) Butylbenzylphthalate	20.722	149	409854	51.709	ng/ul	95
85) Benzo(a)anthracene	21.674	228	1244011	56.103	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.580	149	616757	52.937	ng/ul#	97
87) Chrysene	21.745	228	1247468	59.456	ng/ul	98
89) Di-n-octyl phthalate	22.796	149	1000931	48.733	ng/ul	100
90) Benzo(b)fluoranthene	23.901	252	1401745	59.881	ng/ul	98
91) Benzo(k)fluoranthene	23.965	252	1202541	49.950	ng/ul	99
93) Benzo(a)pyrene	24.770	252	572861	25.419	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.607	276	1069649m	38.089	ng/ul	
95) Dibenzo(a,h)anthracene	28.672	278	1078285	46.175	ng/ul	97
96) Benzo(g,h,i)perylene	29.741	276	109165m	4.822	ng/ul	

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



#2
1,4-Dioxane
Concen: 10.512 ng/uL
RT: 3.495 min Scan# 31
Delta R.T. 0.007 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

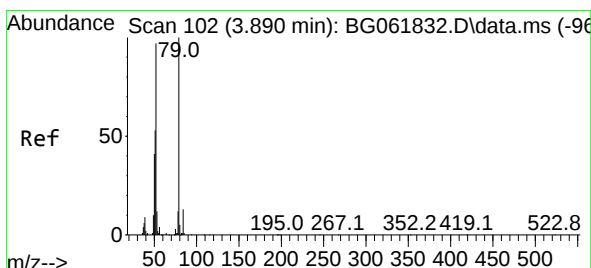
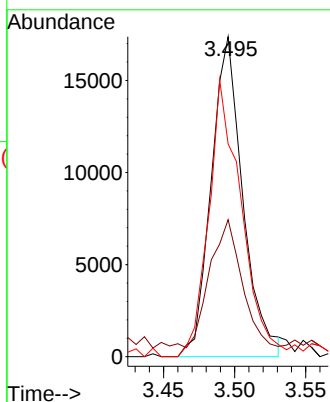
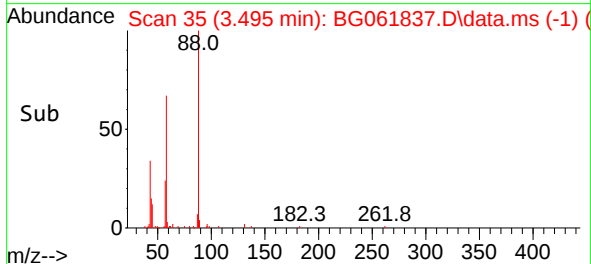
Instrument :
BNA_G
ClientSampleId :
A4CS3MSD



Tgt Ion: 88 Resp: 26920
Ion Ratio Lower Upper
88 100
43 42.8 24.1 36.1
58 66.5 63.0 94.6

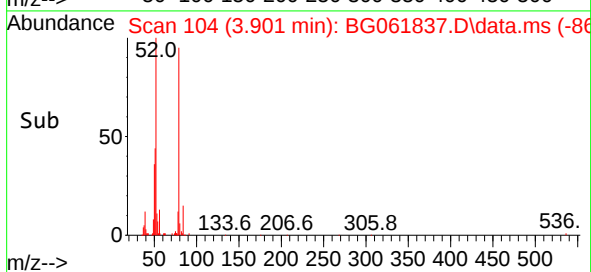
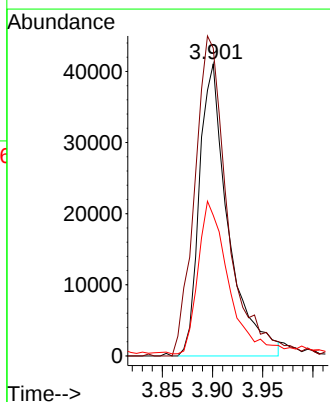
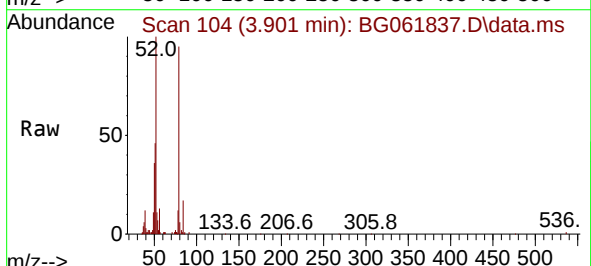
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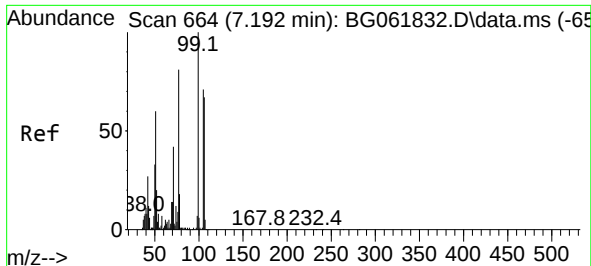
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#5
Pyridine
Concen: 12.295 ng/uL
RT: 3.901 min Scan# 104
Delta R.T. 0.007 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

Tgt Ion: 79 Resp: 82361
Ion Ratio Lower Upper
79 100
52 105.4 84.4 126.6
51 48.1 43.0 64.6





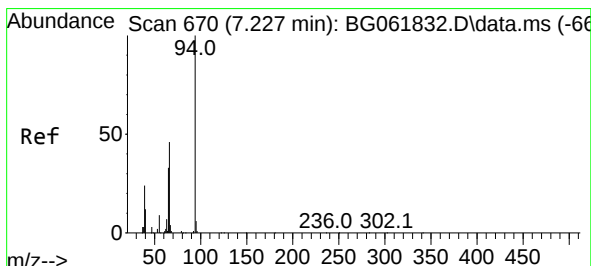
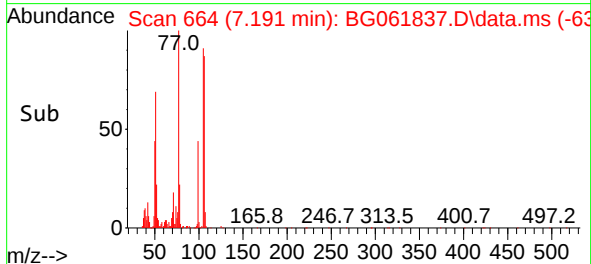
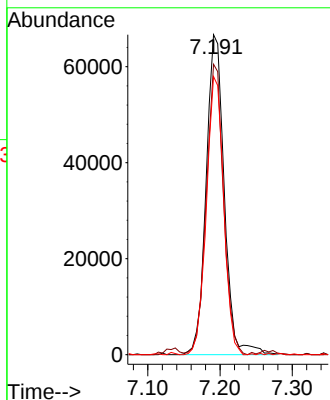
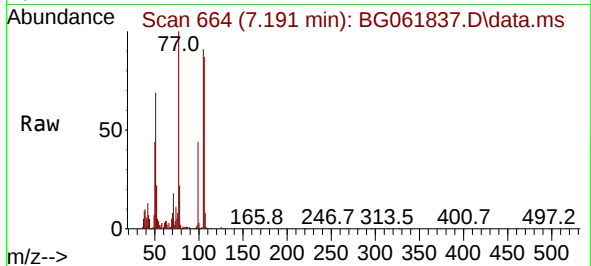
#6
Benzaldehyde
Concen: 29.253 ng/ul m
RT: 7.191 min Scan# 664
Delta R.T. -0.004 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

Instrument :
BNA_G
ClientSampleId :
A4CS3MSD

Tgt Ion: 77 Resp: 116350
Ion Ratio Lower Upper
77 100
105 90.8 71.0 106.6
106 86.9 63.5 95.3

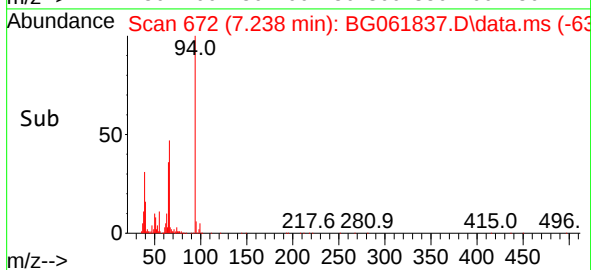
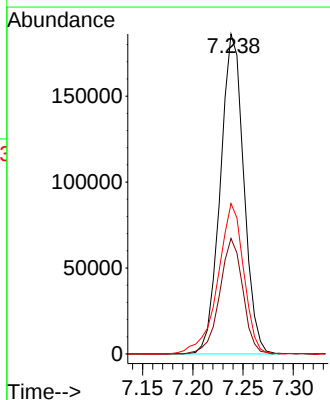
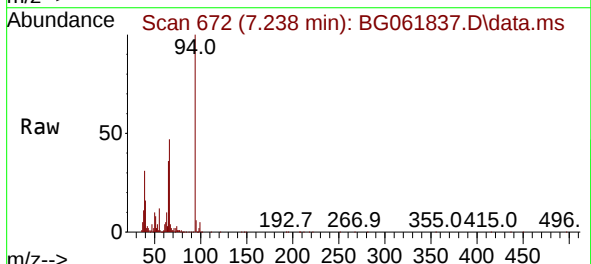
Manual Integrations
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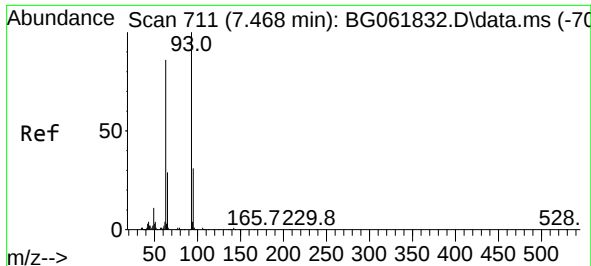
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#8
Phenol
Concen: 35.508 ng/ul
RT: 7.238 min Scan# 672
Delta R.T. 0.007 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

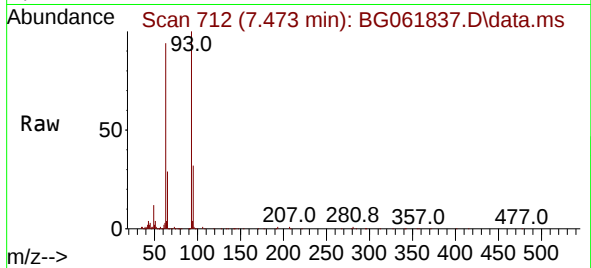
Tgt Ion: 94 Resp: 302030
Ion Ratio Lower Upper
94 100
65 36.1 25.8 38.6
66 47.0 36.9 55.3





#10
Bis(2-Chloroethyl)ether
Concen: 31.709 ng/ul
RT: 7.473 min Scan# 711
Delta R.T. -0.004 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

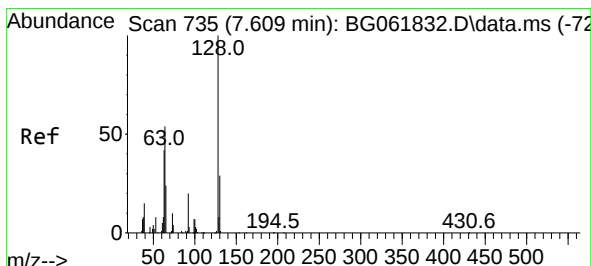
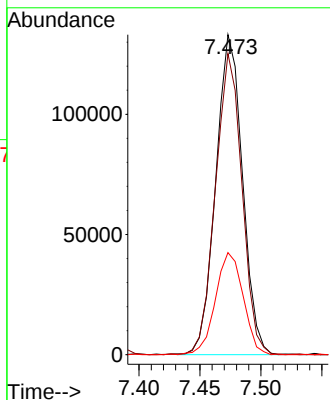
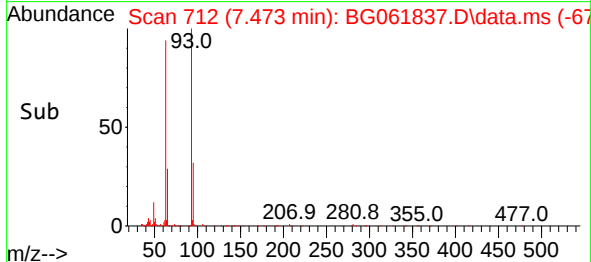
Instrument :
BNA_G
ClientSampleId :
A4CS3MSD



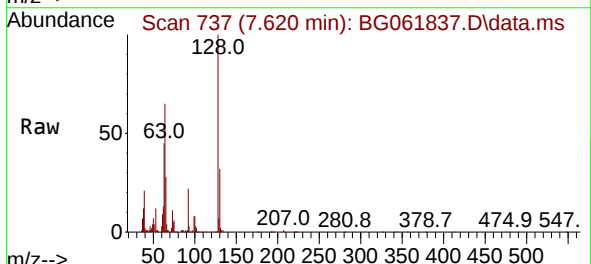
Tgt Ion: 93 Resp: 203004
Ion Ratio Lower Upper
93 100
63 94.1 72.5 108.7
95 31.9 21.8 32.8

Manual Integrations
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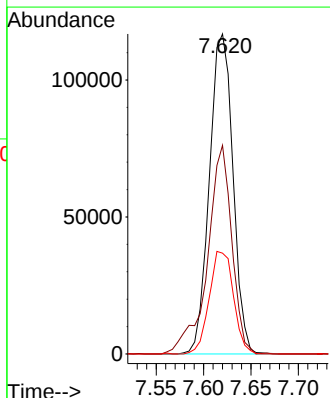
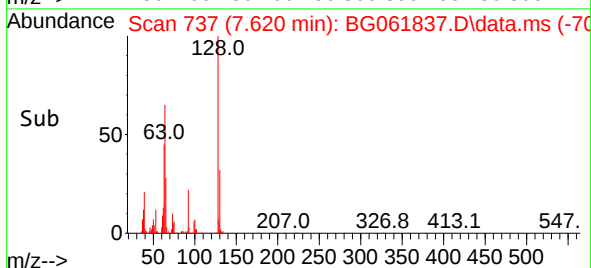
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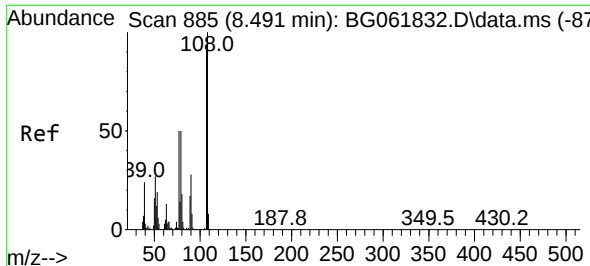


#12
2-Chlorophenol
Concen: 36.233 ng/ul
RT: 7.620 min Scan# 737
Delta R.T. 0.007 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20



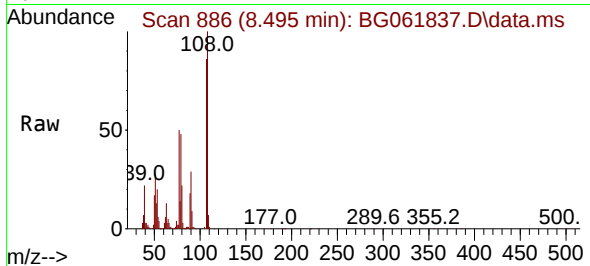
Tgt Ion:128 Resp: 201630
Ion Ratio Lower Upper
128 100
64 65.2 43.2 64.8#
130 31.5 24.1 36.1





#13
2-Methylphenol
Concen: 34.227 ng/ul
RT: 8.495 min Scan# 885
Delta R.T. 0.007 min
Lab File: BG061837.D
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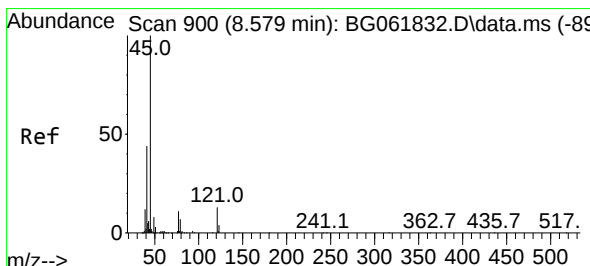
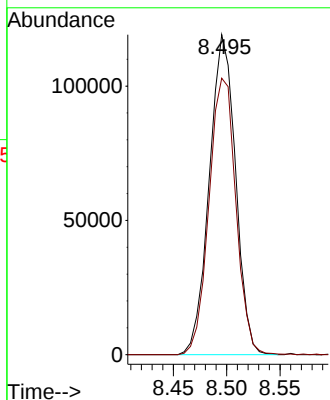
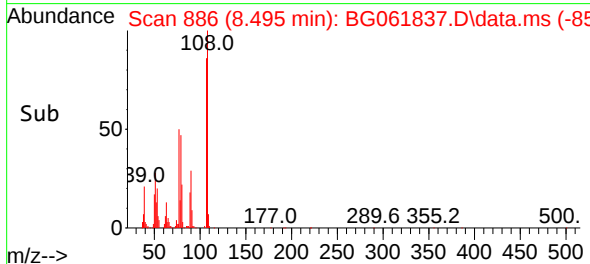
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Tgt Ion:108 Resp: 203692
Ion Ratio Lower Upper
108 100
107 86.4 69.0 103.4

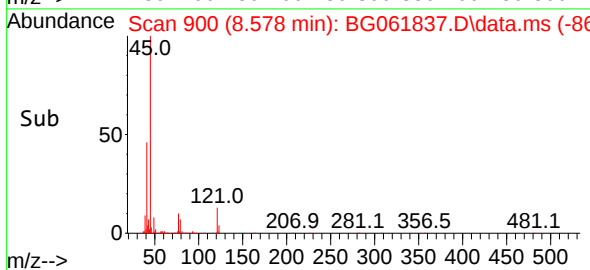
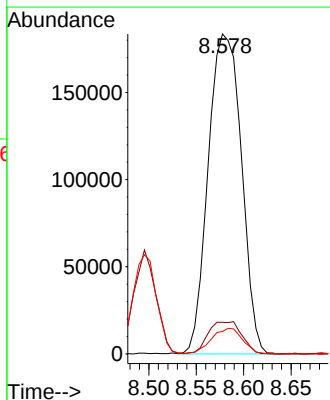
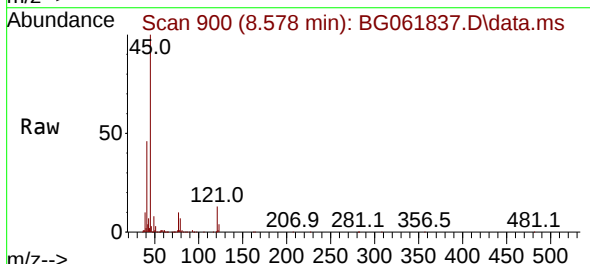
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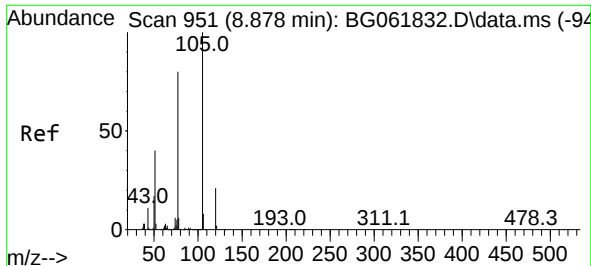
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#14
2,2'-oxybis(1-Chloropropane)
Concen: 34.204 ng/ul
RT: 8.578 min Scan# 900
Delta R.T. 0.001 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

Tgt Ion: 45 Resp: 447375
Ion Ratio Lower Upper
45 100
77 9.9 8.9 13.3
79 7.0 5.8 8.8





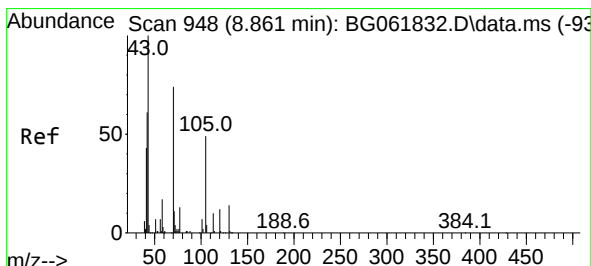
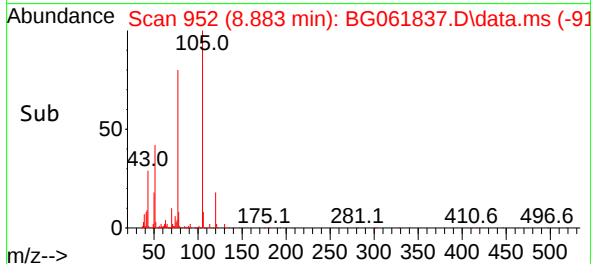
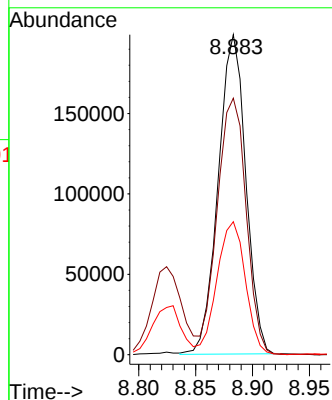
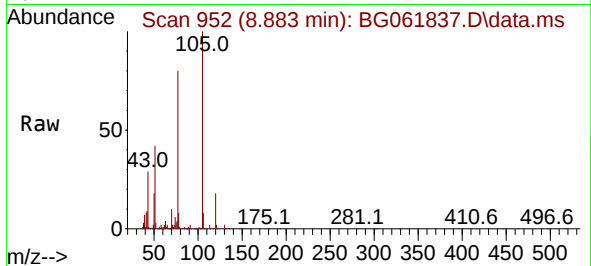
#16
Acetophenone
Concen: 32.577 ng/ul
RT: 8.883 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

Instrument :
BNA_G
ClientSampleId :
A4CS3MSD

Tgt Ion:105 Resp: 335190
Ion Ratio Lower Upper
105 100
77 80.2 60.4 90.6
51 41.6 31.1 46.7

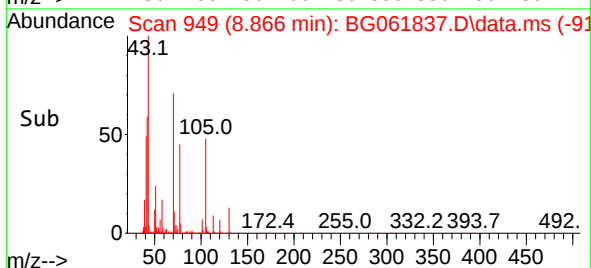
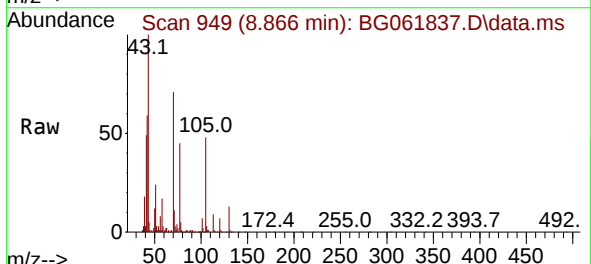
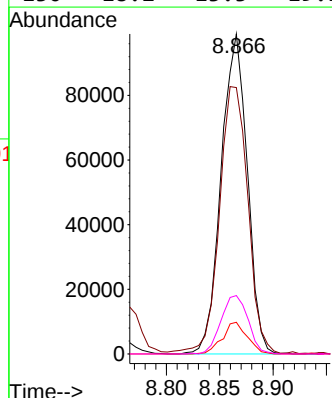
Manual Integrations
APPROVED

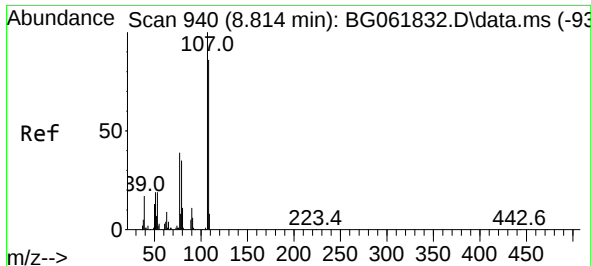
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#17
N-Nitroso-di-n-propylamine
Concen: 30.546 ng/ul
RT: 8.866 min Scan# 949
Delta R.T. 0.001 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

Tgt Ion: 70 Resp: 168835
Ion Ratio Lower Upper
70 100
42 83.3 62.7 94.1
101 9.9 5.8 8.8#
130 18.2 13.3 19.9





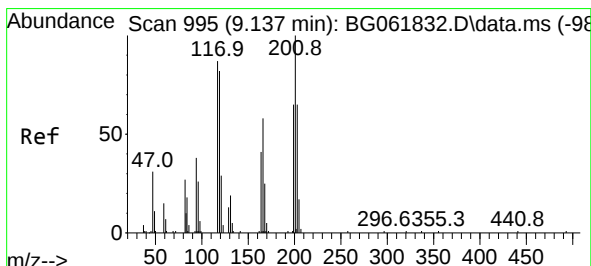
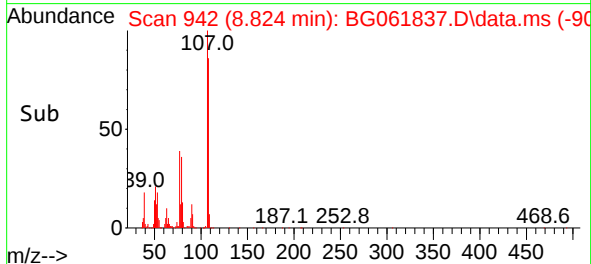
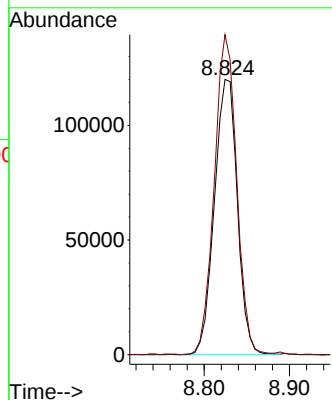
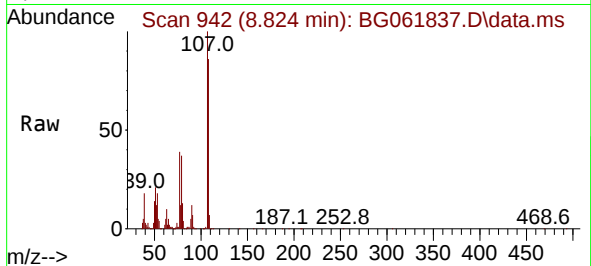
#18
4-Methylphenol
Concen: 33.678 ng/ul
RT: 8.824 min Scan# 940
Delta R.T. 0.007 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

Instrument :
BNA_G
ClientSampleId :
A4CS3MSD

Tgt Ion:108 Resp: 224538
Ion Ratio Lower Upper
108 100
107 116.3 90.2 135.2

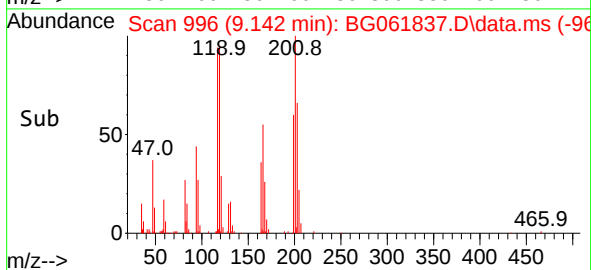
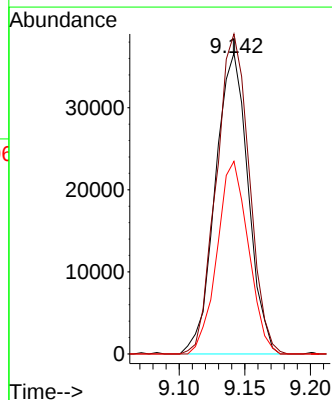
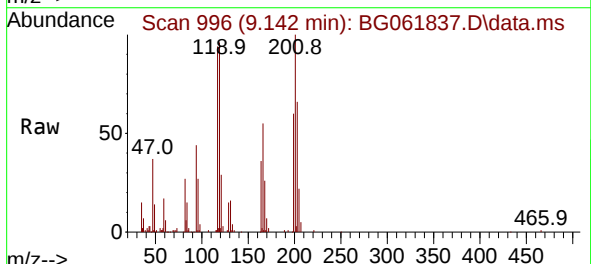
Manual Integrations
APPROVED

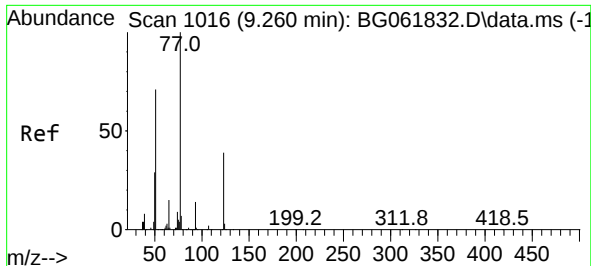
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#19
Hexachloroethane
Concen: 28.600 ng/ul
RT: 9.142 min Scan# 996
Delta R.T. -0.004 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

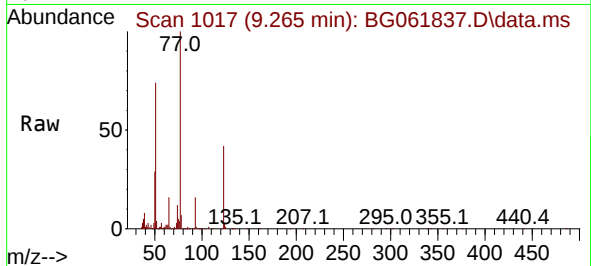
Tgt Ion:117 Resp: 63814
Ion Ratio Lower Upper
117 100
201 106.4 79.3 118.9
199 64.1 61.9 92.9





#22
Nitrobenzene
Concen: 42.750 ng/ul
RT: 9.265 min Scan# 1106
Delta R.T. 0.001 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

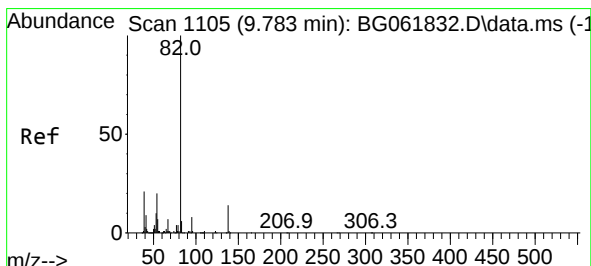
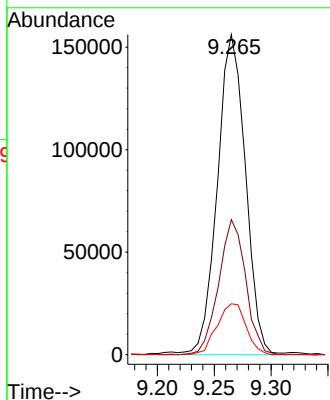
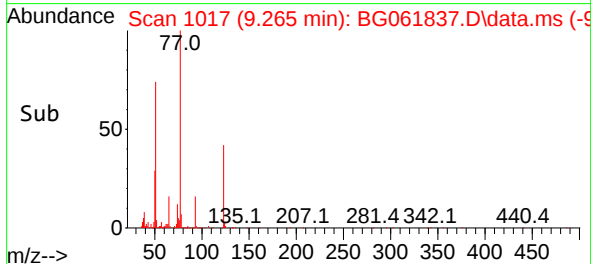
Instrument :
BNA_G
ClientSampleId :
A4CS3MSD



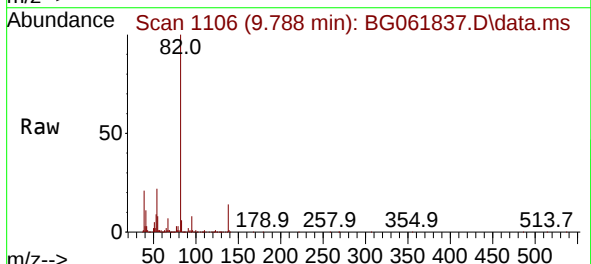
Tgt Ion: 77 Resp: 26784
Ion Ratio Lower Upper
77 100
123 42.2 29.0 43.6
65 15.9 11.0 16.6

Manual Integrations
APPROVED

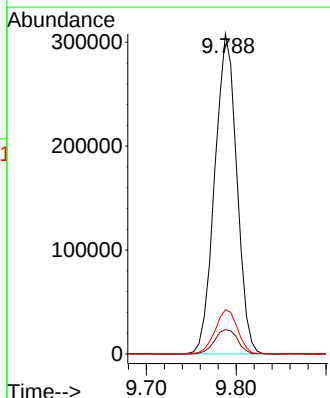
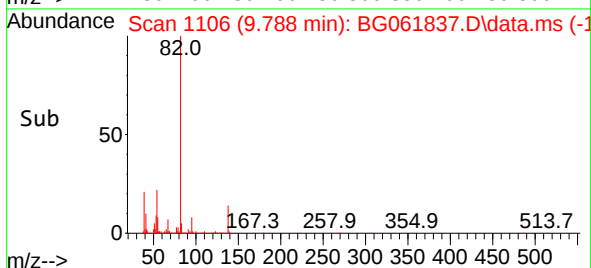
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

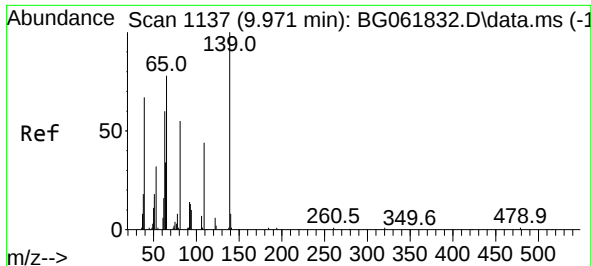


#23
Isophorone
Concen: 36.421 ng/ul
RT: 9.788 min Scan# 1106
Delta R.T. 0.001 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20



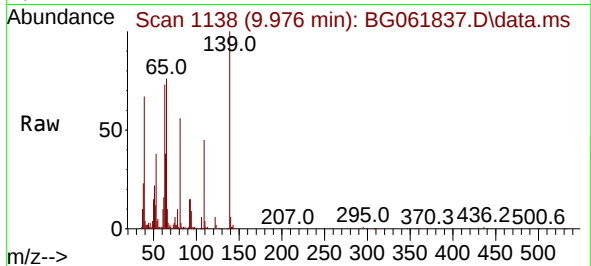
Tgt Ion: 82 Resp: 524796
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 13.8 11.7 17.5





#25
2-Nitrophenol
Concen: 49.571 ng/ul
RT: 9.976 min Scan# 1137
Delta R.T. 0.001 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

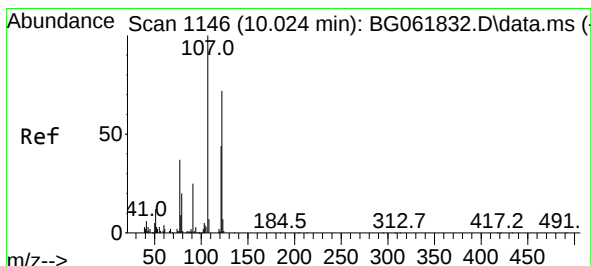
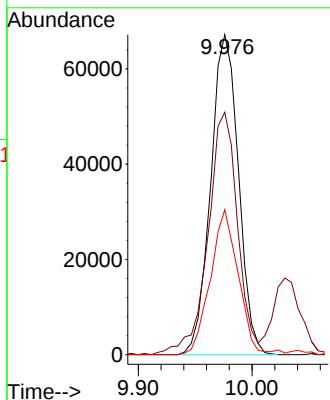
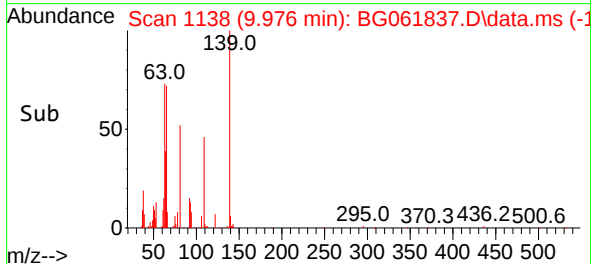
Instrument :
BNA_G
ClientSampleId :
A4CS3MSD



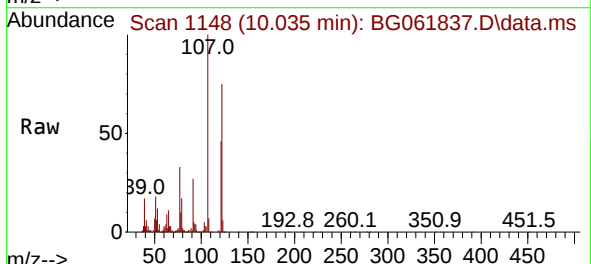
Tgt Ion:139 Resp: 11418
Ion Ratio Lower Upper
139 100
65 75.8 42.2 63.4
109 45.3 27.0 40.4

Manual Integrations
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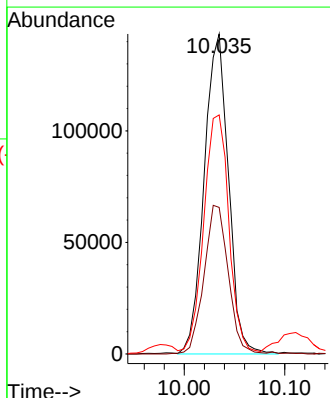
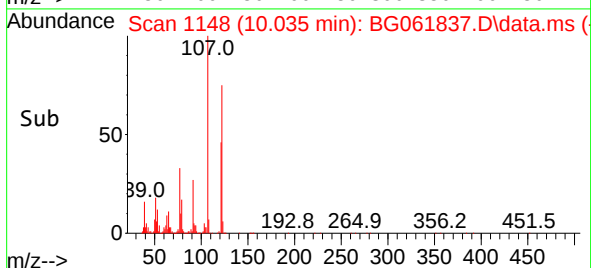
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

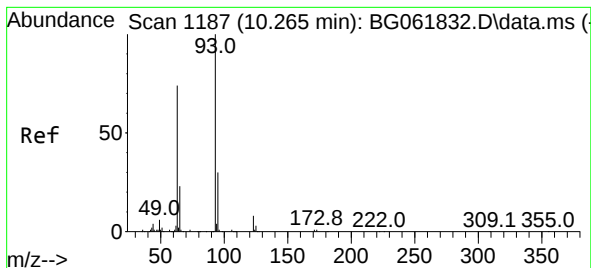


#26
2,4-Dimethylphenol
Concen: 37.427 ng/ul
RT: 10.035 min Scan# 1148
Delta R.T. 0.007 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20



Tgt Ion:107 Resp: 241108
Ion Ratio Lower Upper
107 100
121 45.8 34.5 51.7
122 74.7 60.3 90.5





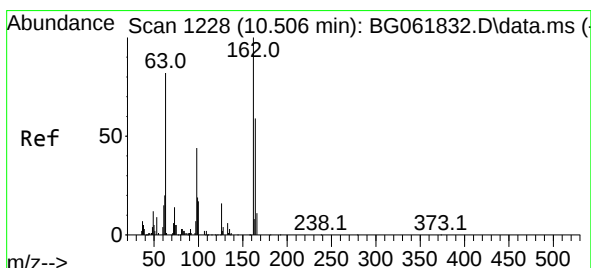
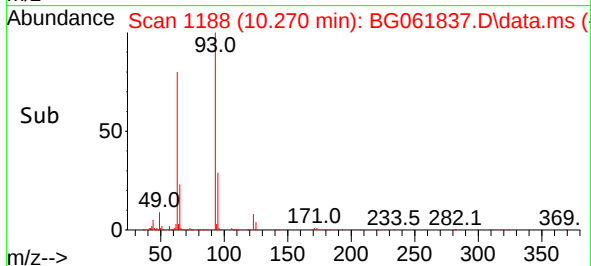
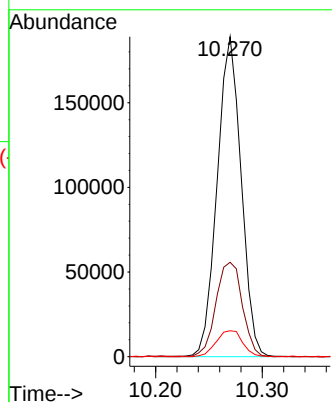
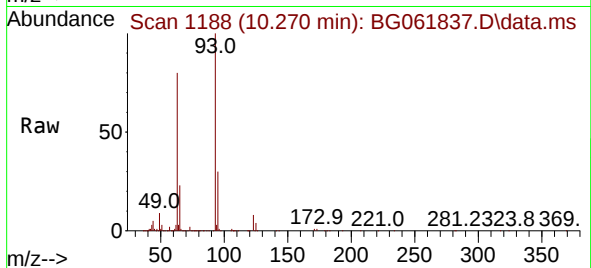
#27
 Bis(2-Chloroethoxy)methane
 Concen: 36.149 ng/ul
 RT: 10.270 min Scan# 1188
 Delta R.T. -0.004 min
 Lab File: BG061837.D
 Acq: 2 Jul 2024 8:20

Instrument :
 BNA_G
 ClientSampleId :
 A4CS3MSD

Tgt Ion: 93 Resp: 29465
 Ion Ratio Lower Upper
 93 100
 95 29.5 27.4 41.2
 123 8.1 6.7 10.1

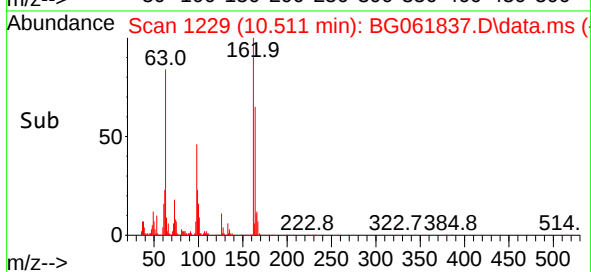
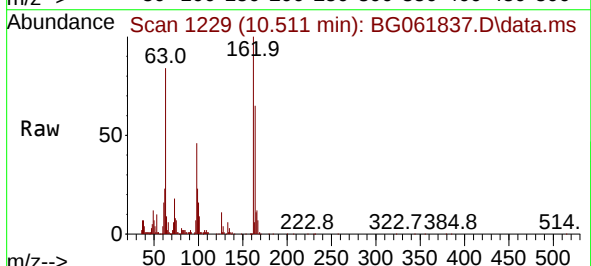
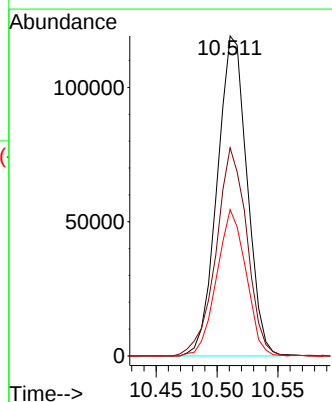
Manual Integrations
 APPROVED

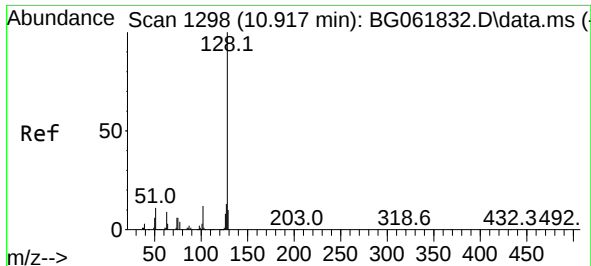
Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



#29
 2,4-Dichlorophenol
 Concen: 42.572 ng/ul
 RT: 10.511 min Scan# 1229
 Delta R.T. 0.001 min
 Lab File: BG061837.D
 Acq: 2 Jul 2024 8:20

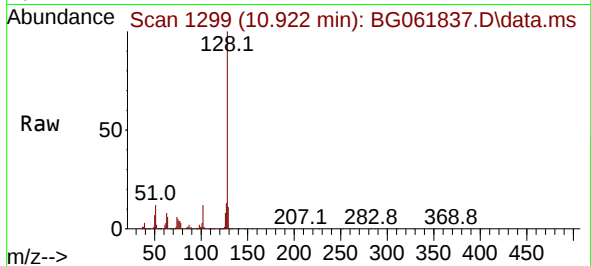
Tgt Ion:162 Resp: 203443
 Ion Ratio Lower Upper
 162 100
 164 65.0 51.7 77.5
 98 45.8 34.9 52.3





#30
Naphthalene
Concen: 38.573 ng/ul
RT: 10.922 min Scan# 1299
Delta R.T. 0.001 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

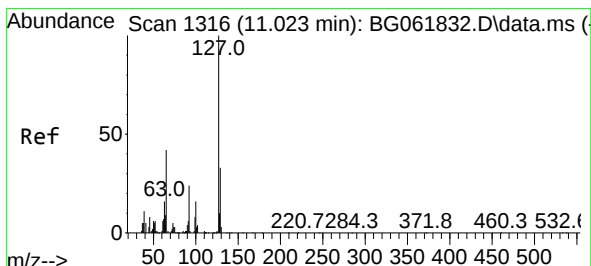
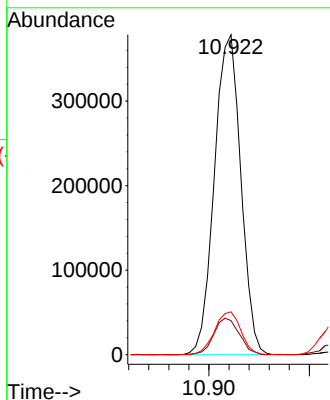
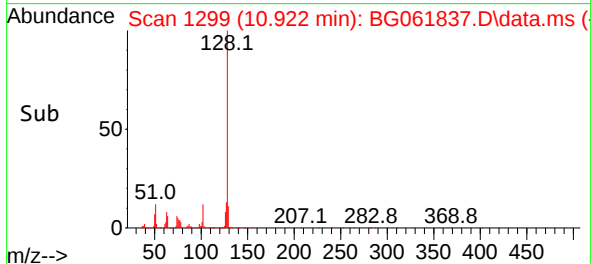
Instrument :
BNA_G
ClientSampleId :
A4CS3MSD



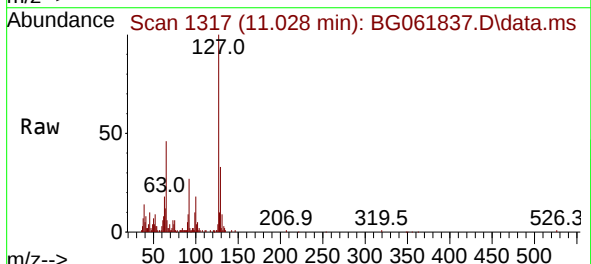
Tgt Ion:128 Resp: 691324
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.4 10.5 15.7

Manual Integrations
APPROVED

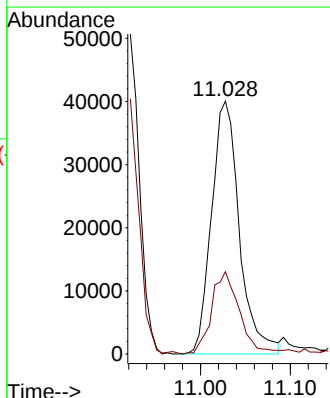
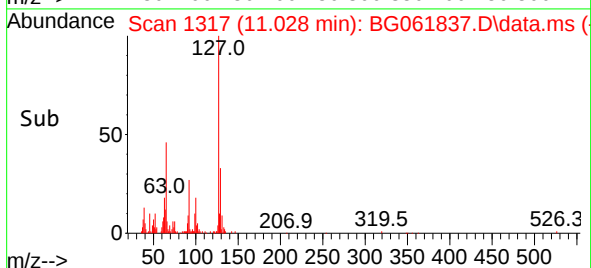
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

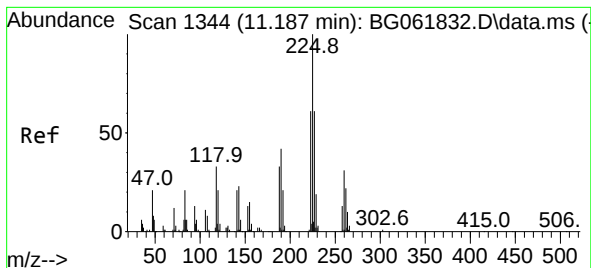


#32
4-Chloroaniline
Concen: 11.010 ng/ul
RT: 11.028 min Scan# 1317
Delta R.T. 0.001 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20



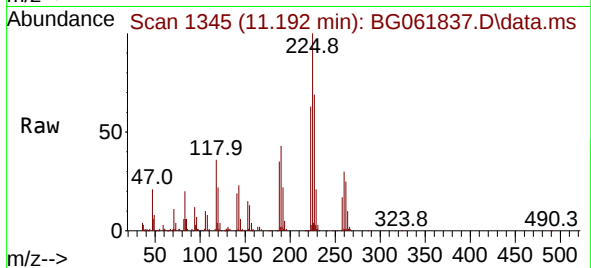
Tgt Ion:127 Resp: 86230
Ion Ratio Lower Upper
127 100
129 32.5 22.9 34.3





#33
Hexachlorobutadiene
Concen: 44.912 ng/ul
RT: 11.192 min Scan# 1111
Delta R.T. -0.004 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

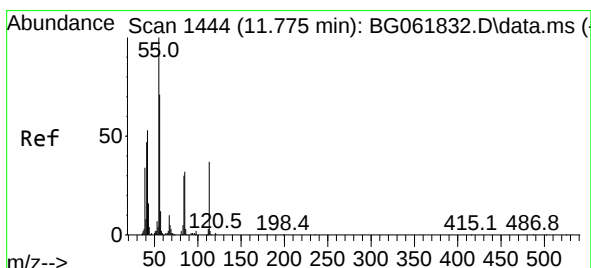
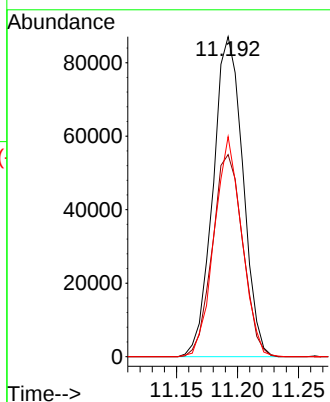
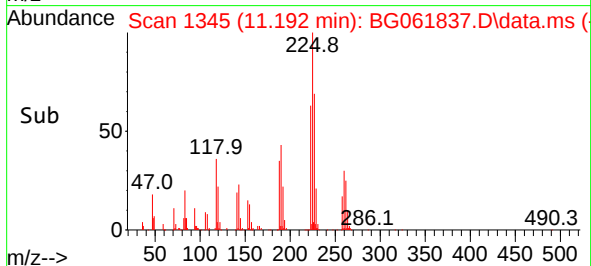
Instrument :
BNA_G
ClientSampleId :
A4CS3MSD



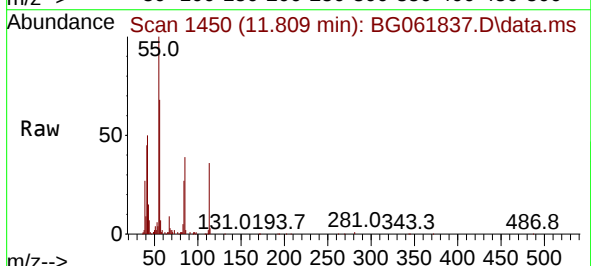
Tgt Ion:225 Resp: 148254
Ion Ratio Lower Upper
225 100
223 63.2 49.4 74.0
227 68.7 45.6 68.4

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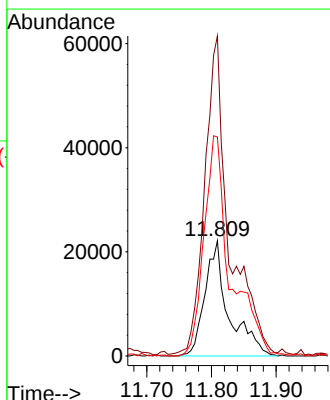
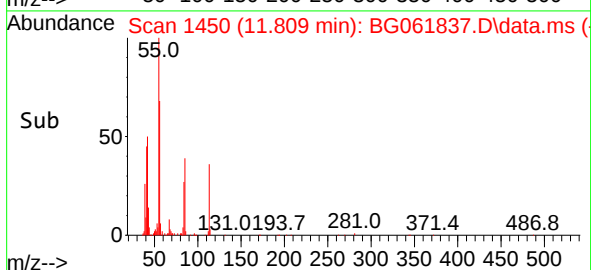
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

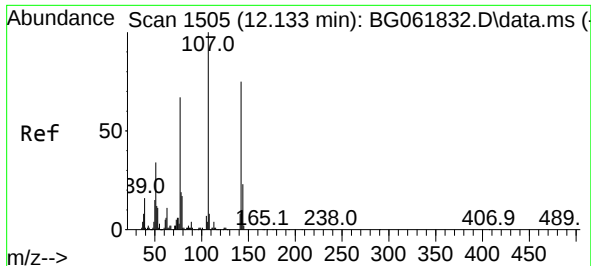


#34
Caprolactam
Concen: 28.650 ng/ul m
RT: 11.809 min Scan# 1450
Delta R.T. 0.037 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20



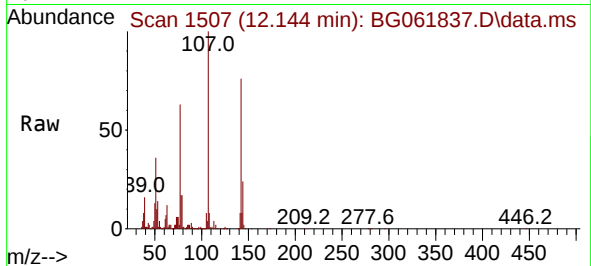
Tgt Ion:113 Resp: 56613
Ion Ratio Lower Upper
113 100
55 277.9 207.4 311.2
56 190.2 167.2 250.8





#35
4-Chloro-3-methylphenol
Concen: 38.105 ng/ul
RT: 12.144 min Scan# 1507
Delta R.T. 0.013 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

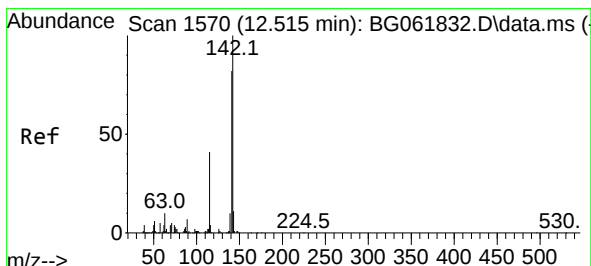
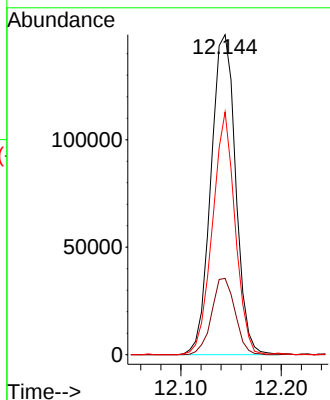
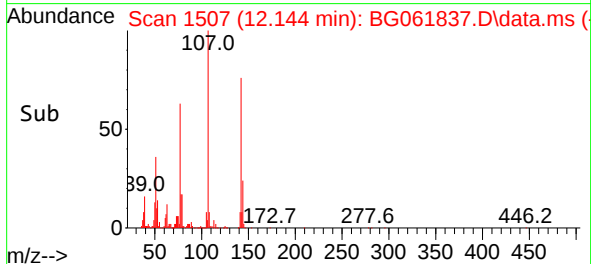
Instrument :
BNA_G
ClientSampleId :
A4CS3MSD



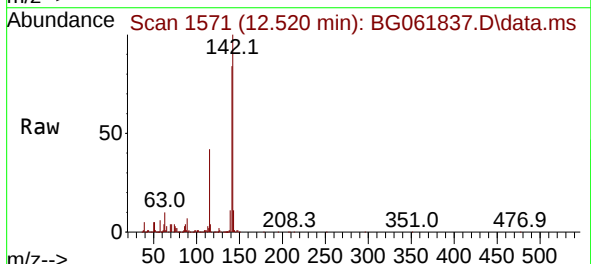
Tgt Ion:107 Resp: 25464
Ion Ratio Lower Upper
107 100
144 23.9 19.6 29.4
142 75.9 60.2 90.4

Manual Integrations
APPROVED

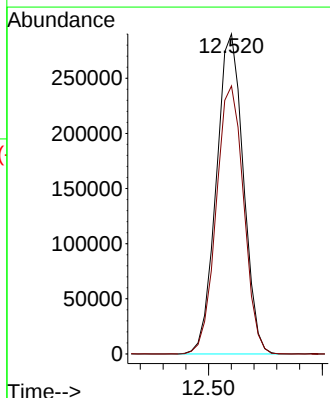
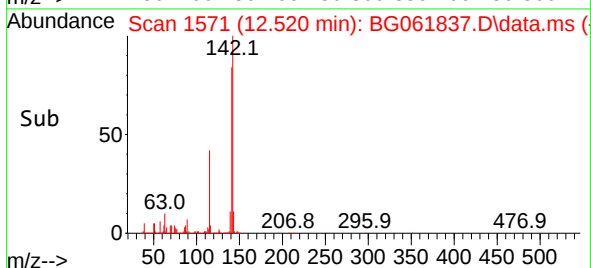
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

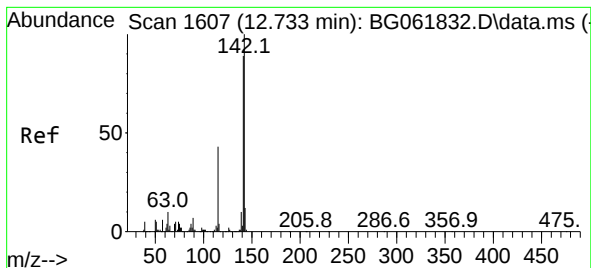


#36
2-Methylnaphthalene
Concen: 37.884 ng/ul
RT: 12.520 min Scan# 1571
Delta R.T. 0.001 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20



Tgt Ion:142 Resp: 479096
Ion Ratio Lower Upper
142 100
141 83.8 68.5 102.7





#37

1-Methylnaphthalene

Concen: 36.704 ng/ul

RT: 12.737 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG061837.D

Acq: 2 Jul 2024 8:20

Instrument :

BNA_G

ClientSampleId :

A4CS3MSD

Tgt Ion:142 Resp: 495270

Ion Ratio Lower Upper

142 100

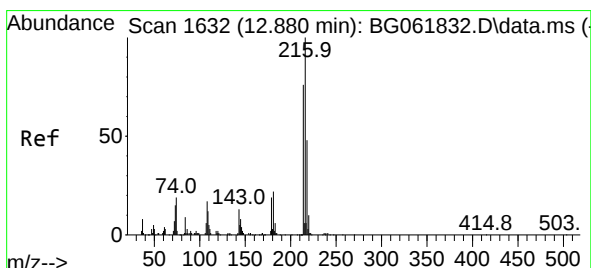
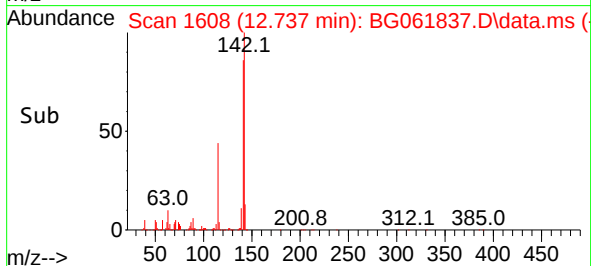
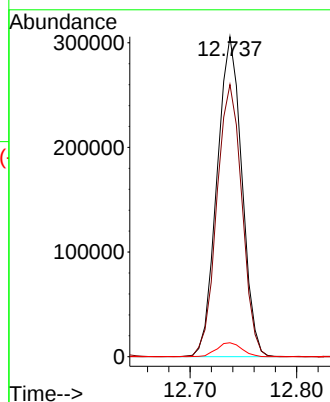
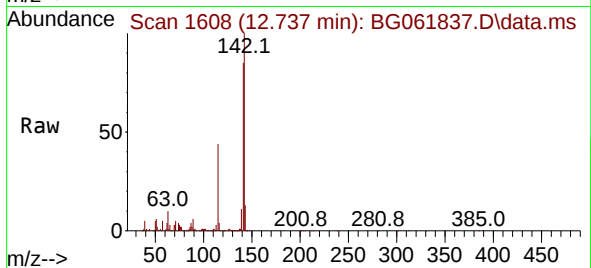
141 85.0 64.6 97.0

116 4.4 3.0 4.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.656 ng/ul

RT: 12.878 min Scan# 1632

Delta R.T. -0.004 min

Lab File: BG061837.D

Acq: 2 Jul 2024 8:20

Tgt Ion:216 Resp: 253254

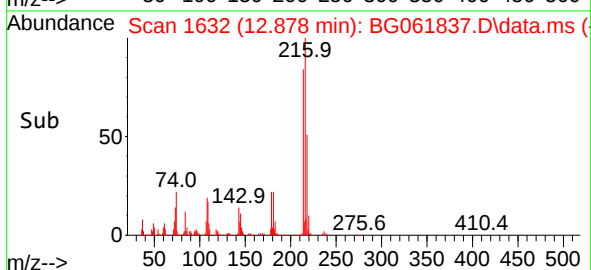
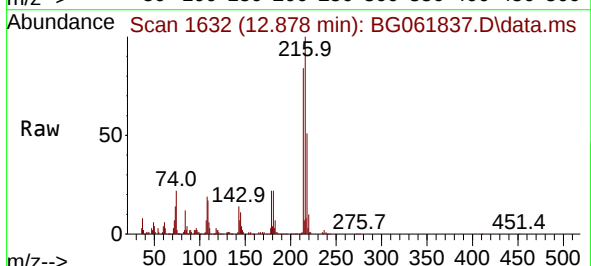
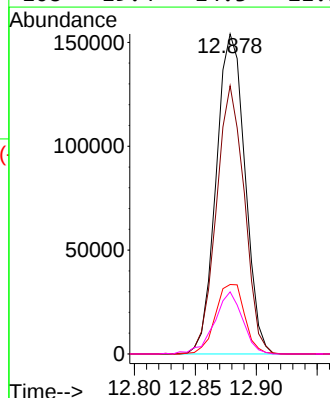
Ion Ratio Lower Upper

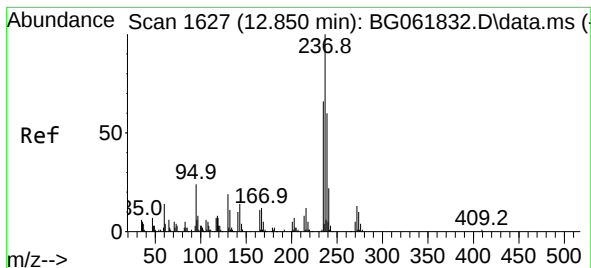
216 100

214 83.8 61.4 92.2

179 21.7 17.1 25.7

108 19.4 14.3 21.5





#40

Hexachlorocyclopentadiene

Concen: 21.525 ng/ul

RT: 12.855 min Scan# 1627

Delta R.T. -0.004 min

Lab File: BG061837.D

Acq: 2 Jul 2024 8:20

Instrument :

BNA_G

ClientSampleId :

A4CS3MSD

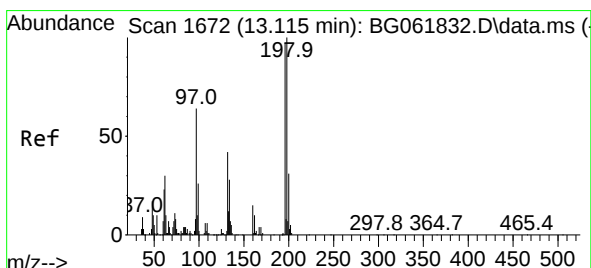
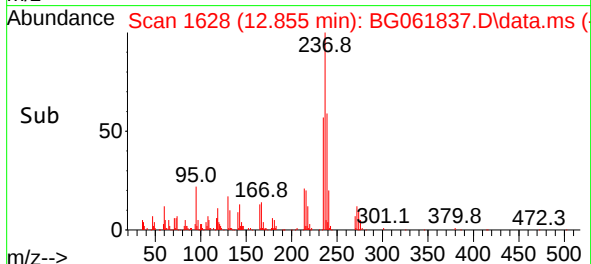
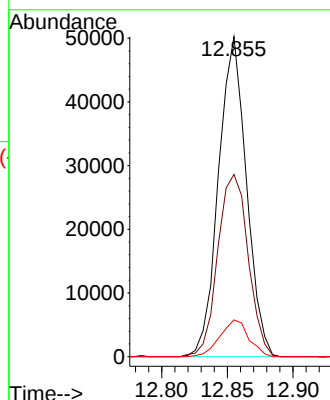
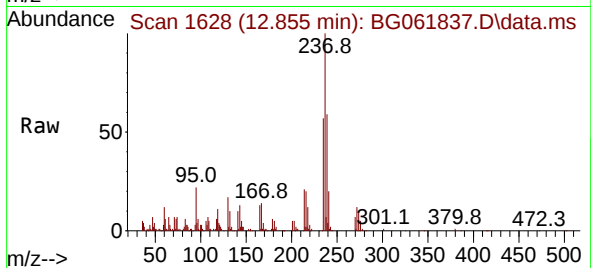
Tgt Ion:237 Resp: 74290

Ion	Ratio	Lower	Upper
237	100		
235	56.9	51.0	76.6
272	11.9	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#41

2,4,6-Trichlorophenol

Concen: 44.783 ng/ul

RT: 13.119 min Scan# 1673

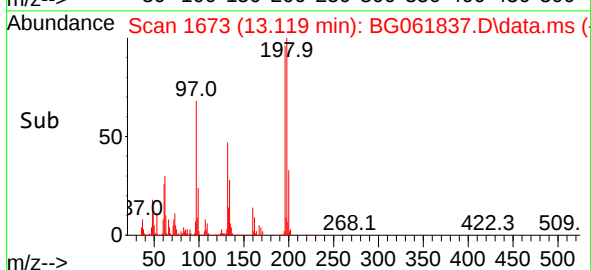
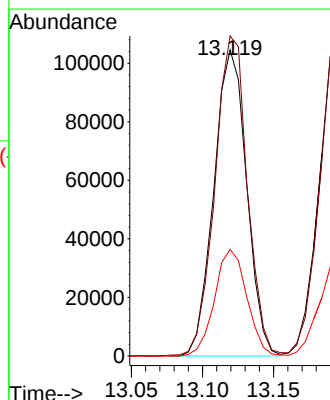
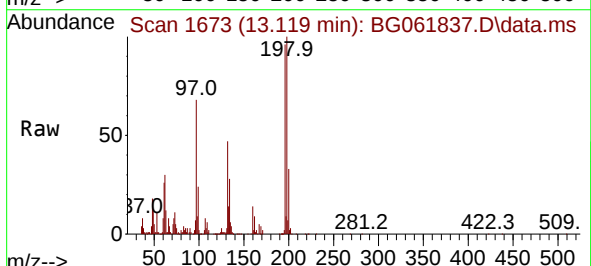
Delta R.T. 0.001 min

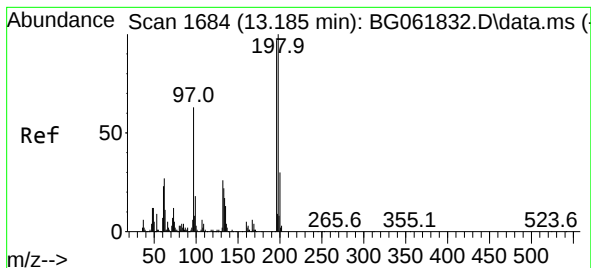
Lab File: BG061837.D

Acq: 2 Jul 2024 8:20

Tgt Ion:196 Resp: 167612

Ion	Ratio	Lower	Upper
196	100		
198	104.6	73.1	109.7
200	34.8	26.4	39.6





#42

2,4,5-Trichlorophenol

Concen: 45.160 ng/ul

RT: 13.196 min Scan# 1

Delta R.T. 0.007 min

Lab File: BG061837.D

Acq: 2 Jul 2024 8:20

Instrument :

BNA_G

ClientSampleId :

A4CS3MSD

Tgt Ion:196 Resp: 18423

Ion Ratio Lower Upper

196 100

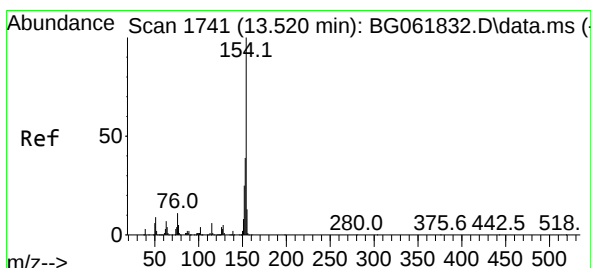
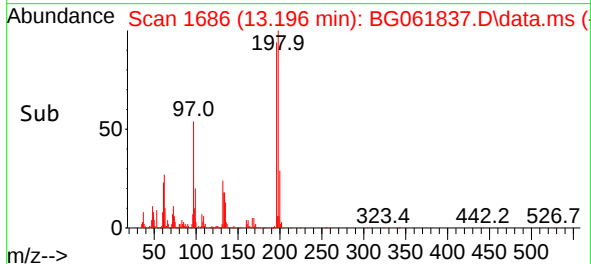
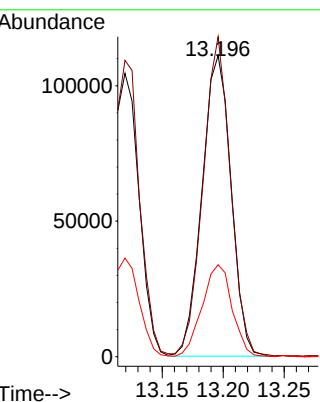
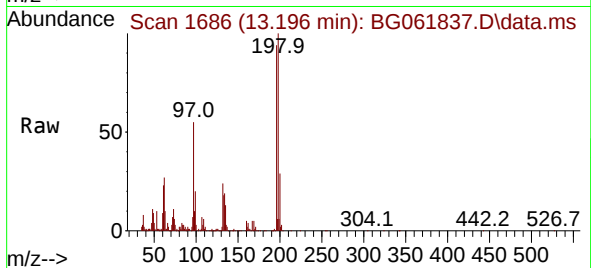
198 106.3 72.7 109.1

200 30.6 27.0 40.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#43

1,1'-Biphenyl

Concen: 42.695 ng/ul

RT: 13.519 min Scan# 1741

Delta R.T. -0.004 min

Lab File: BG061837.D

Acq: 2 Jul 2024 8:20

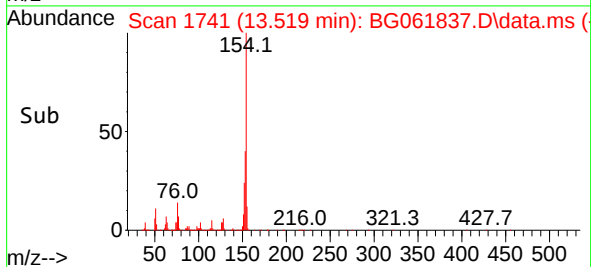
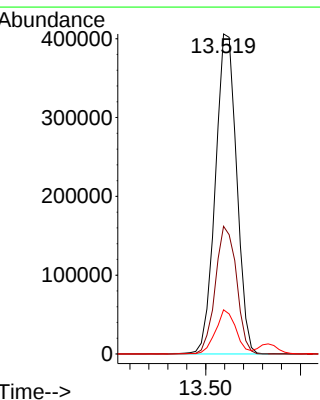
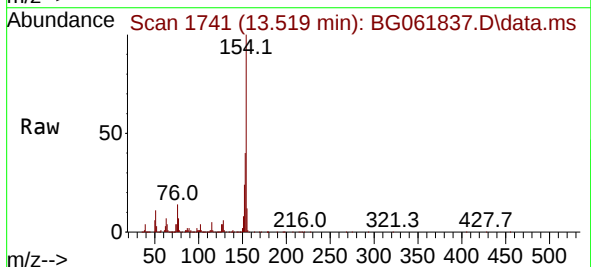
Tgt Ion:154 Resp: 633942

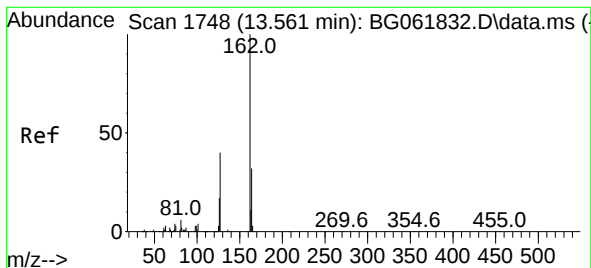
Ion Ratio Lower Upper

154 100

153 39.9 31.4 47.0

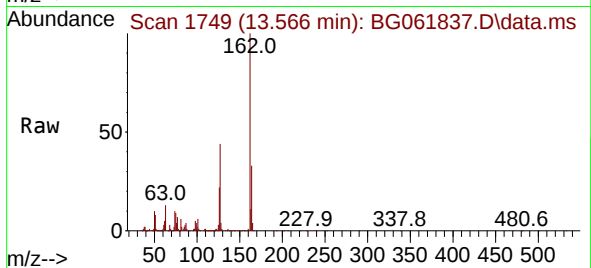
76 13.8 11.0 16.4





#44
2-Chloronaphthalene
Concen: 41.132 ng/ul
RT: 13.566 min Scan# 1748
Delta R.T. 0.001 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

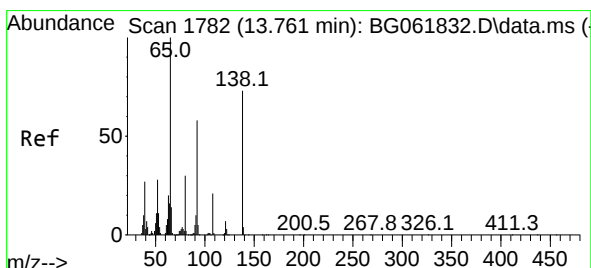
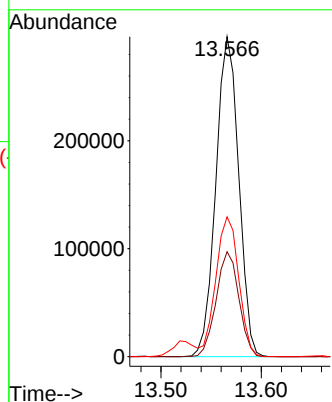
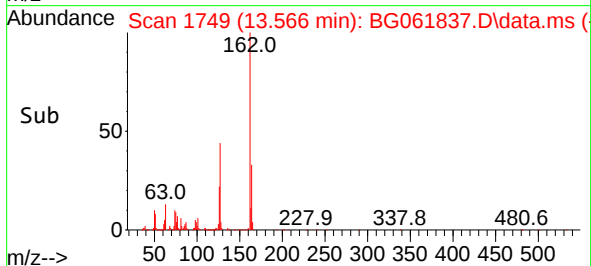
Instrument :
BNA_G
ClientSampleId :
A4CS3MSD



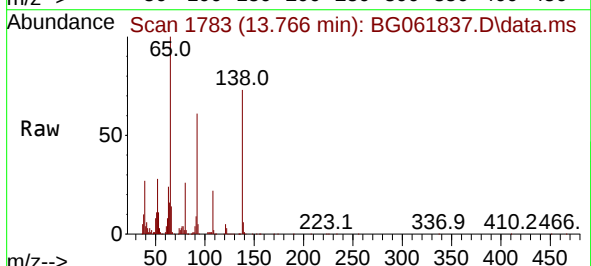
Tgt Ion:162 Resp: 469129
Ion Ratio Lower Upper
162 100
164 32.8 25.1 37.7
127 43.7 33.7 50.5

Manual Integrations
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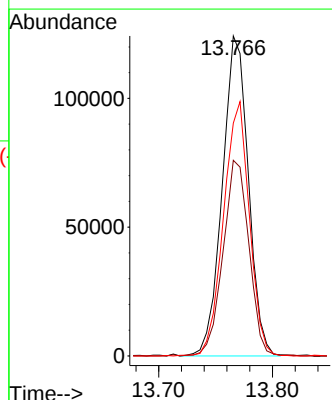
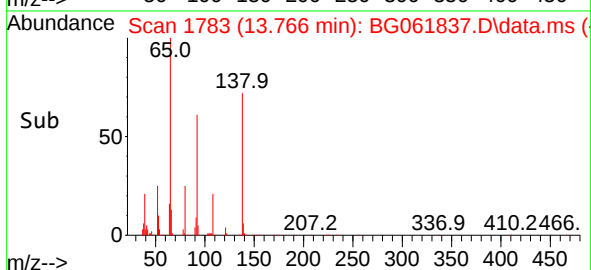
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

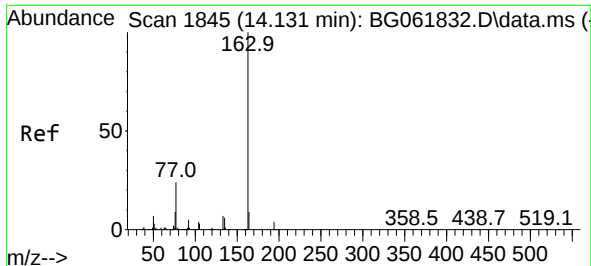


#45
2-Nitroaniline
Concen: 50.589 ng/ul
RT: 13.766 min Scan# 1783
Delta R.T. 0.001 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20



Tgt Ion: 65 Resp: 197522
Ion Ratio Lower Upper
65 100
92 61.1 51.4 77.0
138 72.8 63.0 94.6





#47
Dimethylphthalate
Concen: 37.479 ng/ul
RT: 14.136 min Scan# 1845
Delta R.T. -0.004 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

Instrument :

BNA_G

ClientSampleId :

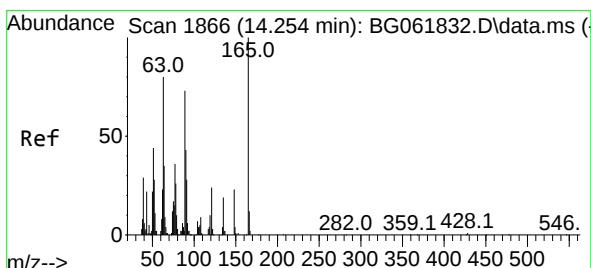
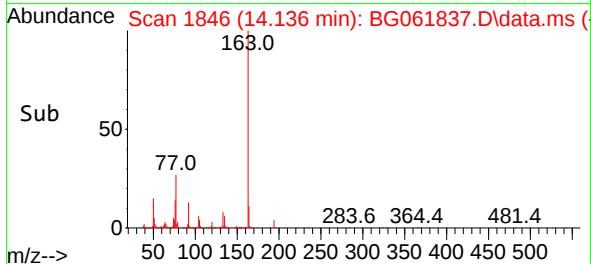
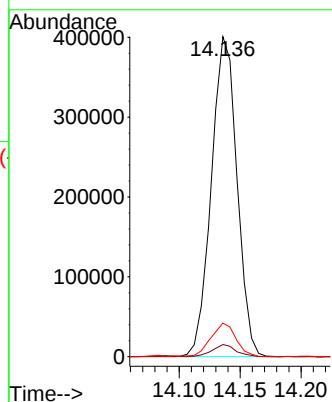
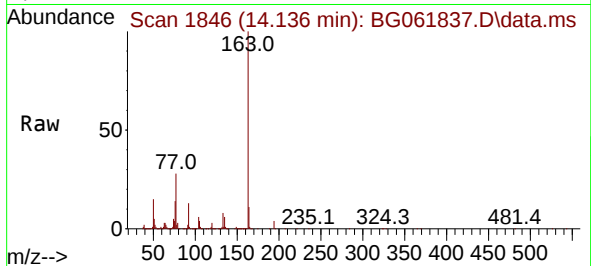
A4CS3MSD

Tgt Ion:163 Resp: 58706
Ion Ratio Lower Upper
163 100
194 3.8 2.5 3.7
164 10.5 7.6 11.4

Manual Integrations

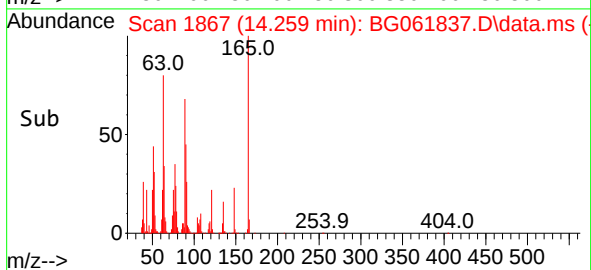
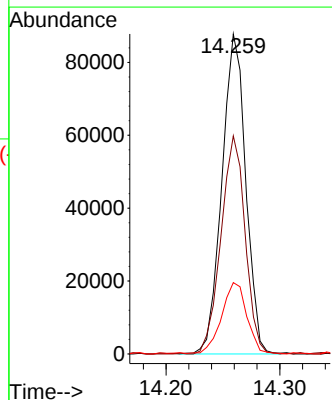
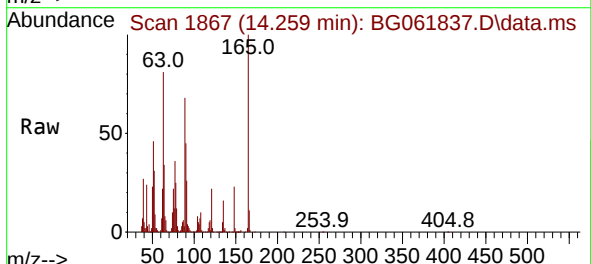
APPROVED

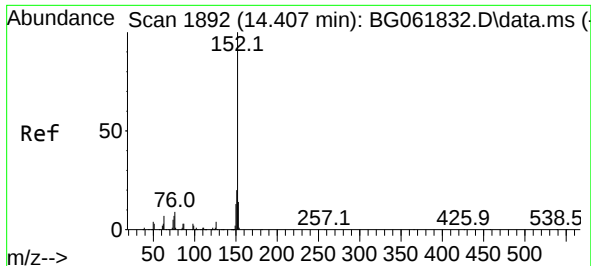
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#48
2,6-Dinitrotoluene
Concen: 49.205 ng/ul
RT: 14.259 min Scan# 1867
Delta R.T. 0.001 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

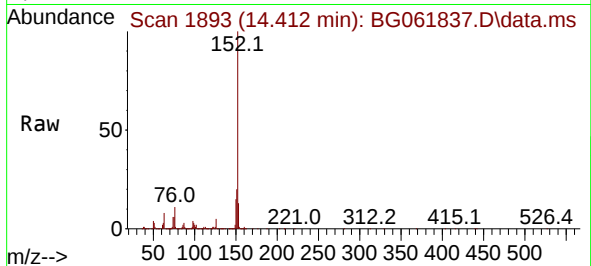
Tgt Ion:165 Resp: 127896
Ion Ratio Lower Upper
165 100
89 68.1 55.9 83.9
121 22.3 23.4 35.2#





#50
Acenaphthylene
Concen: 39.146 ng/ul
RT: 14.412 min Scan# 1893
Delta R.T. 0.001 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

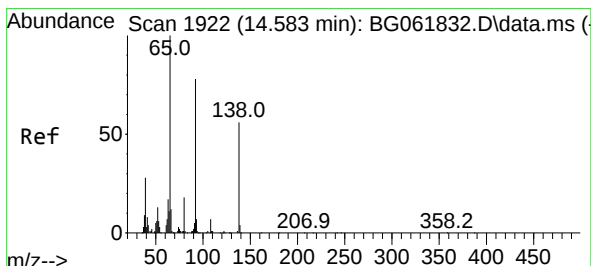
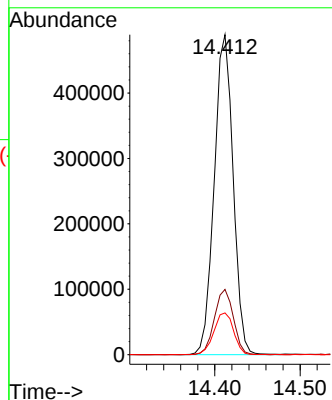
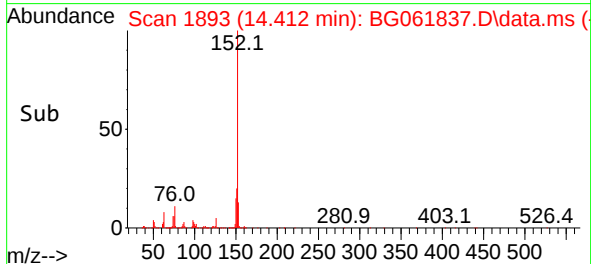
Instrument :
BNA_G
ClientSampleId :
A4CS3MSD



Tgt Ion:152 Resp: 75538
Ion Ratio Lower Upper
152 100
151 20.4 15.3 22.9
153 13.0 11.0 16.4

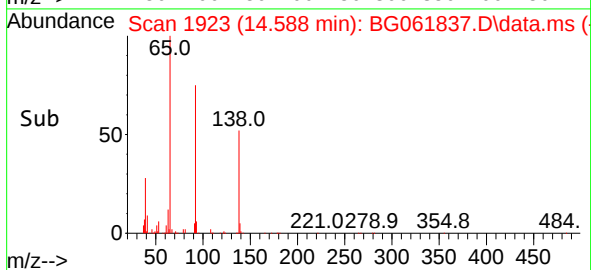
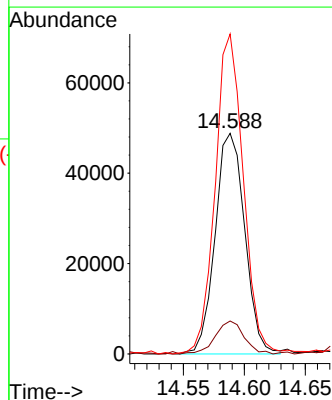
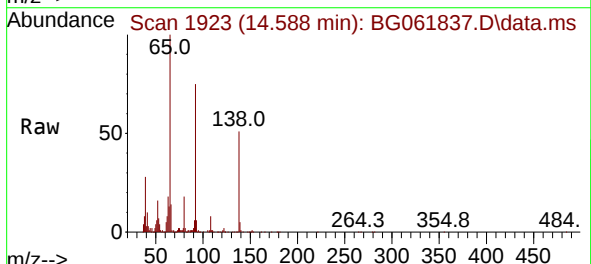
Manual Integrations
APPROVED

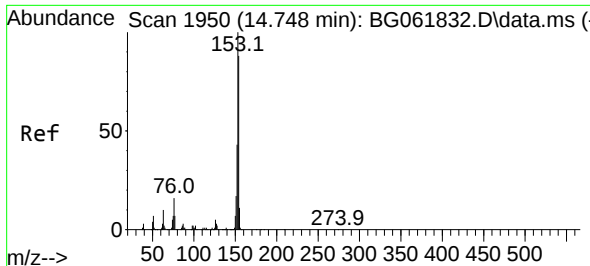
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#51
3-Nitroaniline
Concen: 31.024 ng/ul
RT: 14.588 min Scan# 1923
Delta R.T. 0.001 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

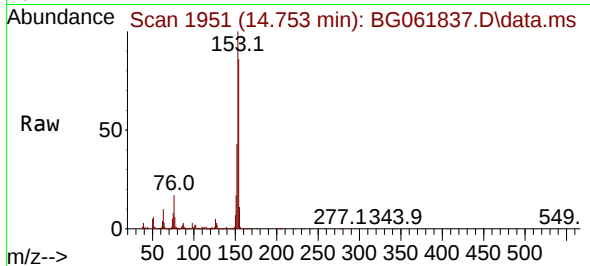
Tgt Ion:138 Resp: 82581
Ion Ratio Lower Upper
138 100
108 15.0 14.3 21.5
92 145.0 115.0 172.4





#52
Acenaphthene
Concen: 38.849 ng/ul
RT: 14.753 min Scan# 1951
Delta R.T. 0.001 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

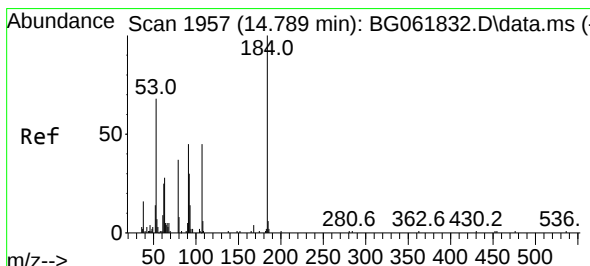
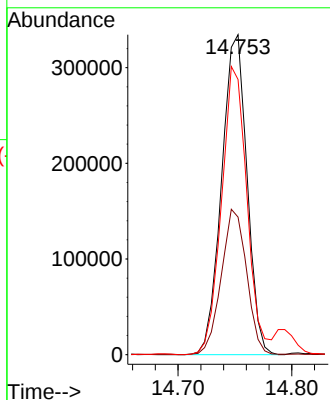
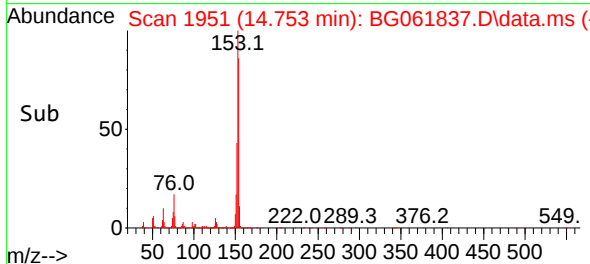
Instrument :
BNA_G
ClientSampleId :
A4CS3MSD



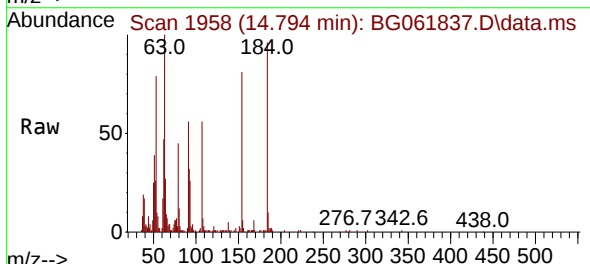
Tgt Ion:153 Resp: 519160
Ion Ratio Lower Upper
153 100
152 43.0 40.0 60.0
154 86.0 74.1 111.1

Manual Integrations
APPROVED

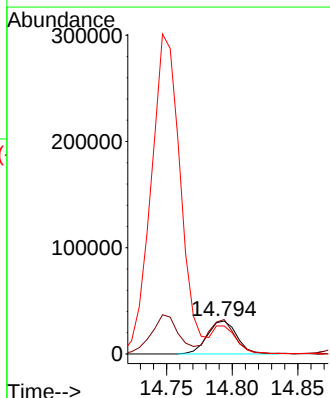
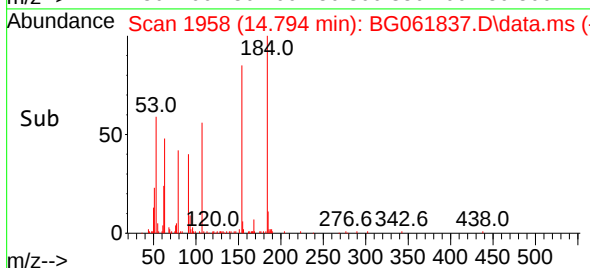
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

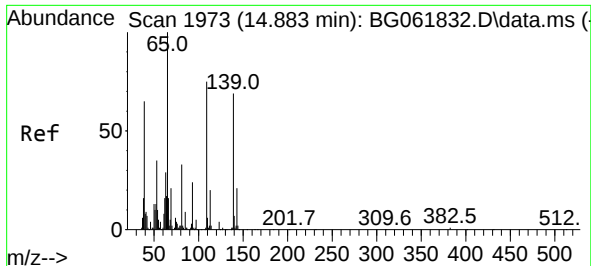


#53
2,4-Dinitrophenol
Concen: 36.734 ng/ul
RT: 14.794 min Scan# 1958
Delta R.T. 0.007 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20



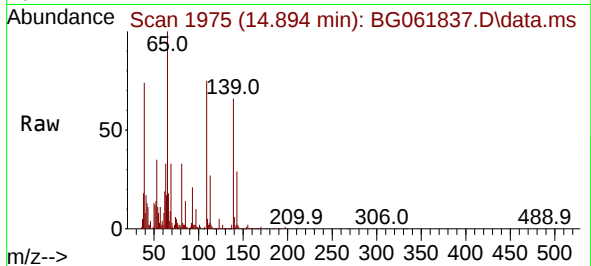
Tgt Ion:184 Resp: 48521
Ion Ratio Lower Upper
184 100
63 104.3 74.2 111.4
154 84.6 80.4 120.6





#55
4-Nitrophenol
Concen: 41.907 ng/ul
RT: 14.894 min Scan# 1973
Delta R.T. 0.013 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

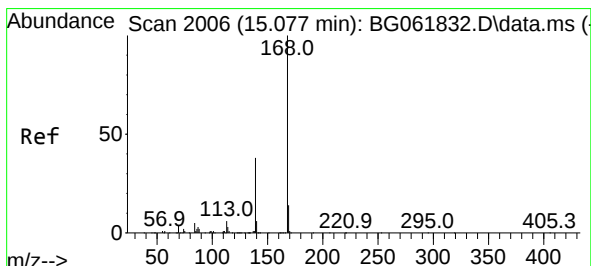
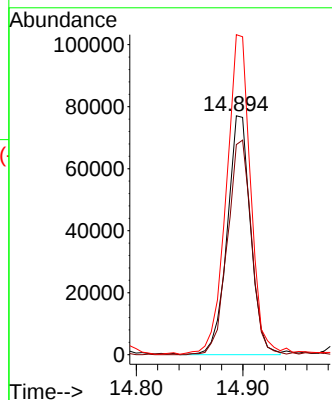
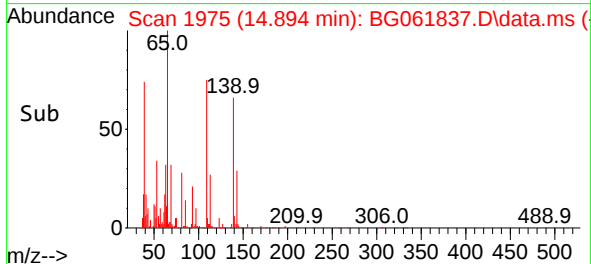
Instrument :
BNA_G
ClientSampleId :
A4CS3MSD



Tgt Ion:109 Resp: 117230
Ion Ratio Lower Upper
109 100
139 88.0 77.1 115.7
65 133.9 110.9 166.3

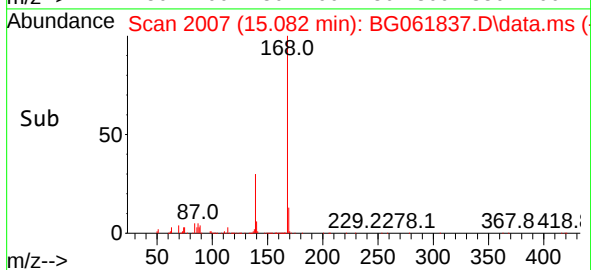
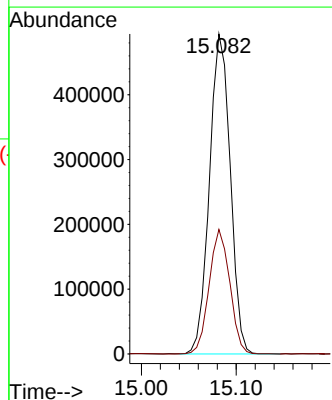
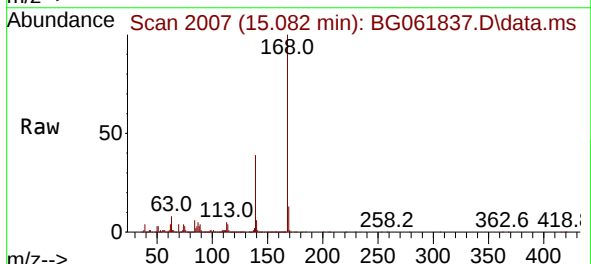
Manual Integrations
APPROVED

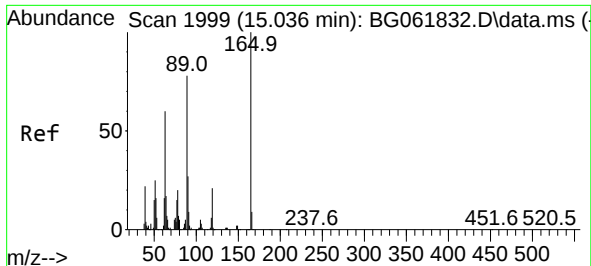
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#56
Dibenzofuran
Concen: 40.248 ng/ul
RT: 15.082 min Scan# 2007
Delta R.T. -0.004 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

Tgt Ion:168 Resp: 752668
Ion Ratio Lower Upper
168 100
139 38.9 27.0 40.4





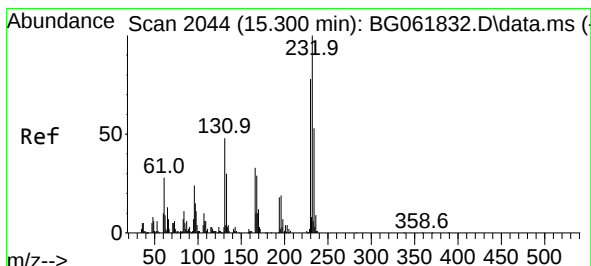
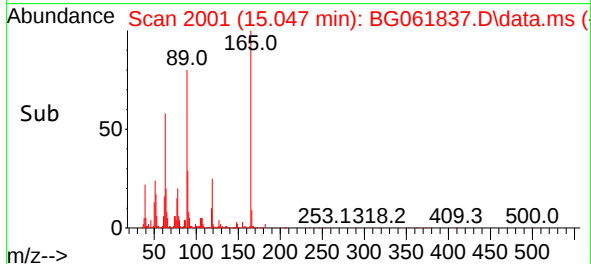
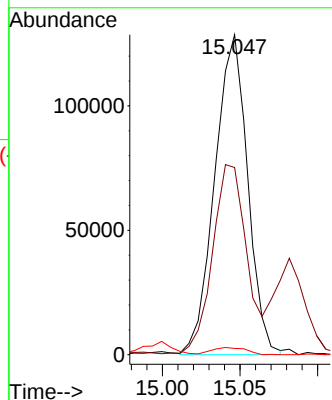
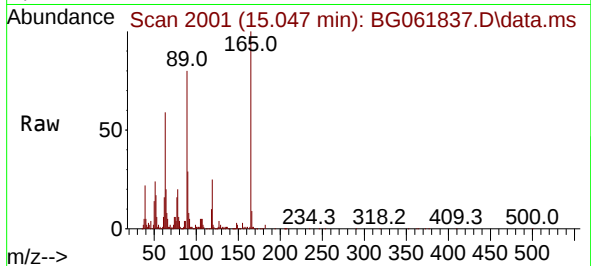
#57
2,4-Dinitrotoluene
Concen: 49.094 ng/ul
RT: 15.047 min Scan# 2001
Delta R.T. 0.007 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

Instrument :
BNA_G
ClientSampleId :
A4CS3MSD

Tgt Ion:165 Resp: 189418
Ion Ratio Lower Upper
165 100
63 58.5 49.4 74.0
182 1.9 1.6 2.4

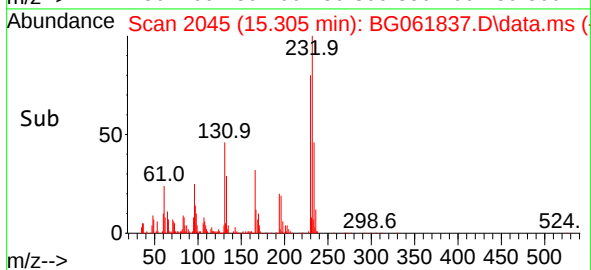
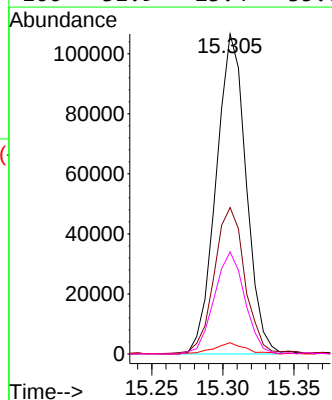
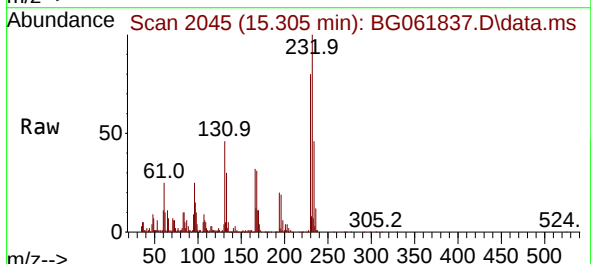
Manual Integrations
APPROVED

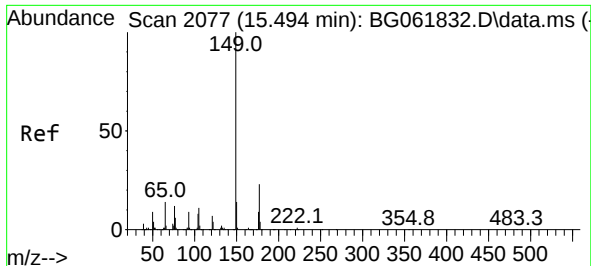
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 39.149 ng/ul
RT: 15.305 min Scan# 2045
Delta R.T. 0.001 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

Tgt Ion:232 Resp: 156599
Ion Ratio Lower Upper
232 100
131 45.7 33.1 49.7
130 3.5 2.6 3.8
166 31.9 23.4 35.0





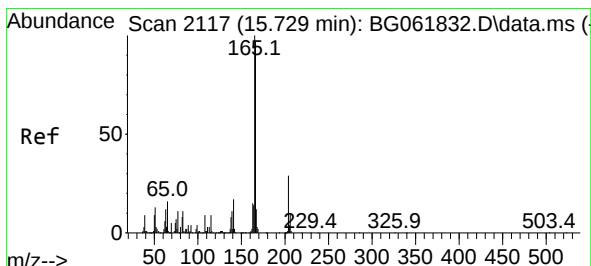
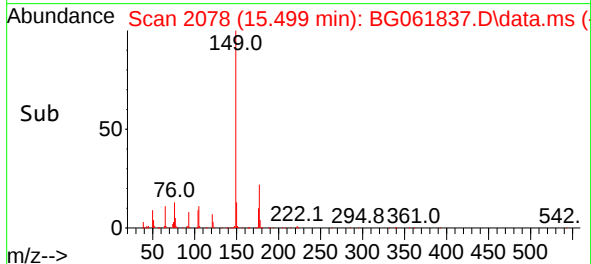
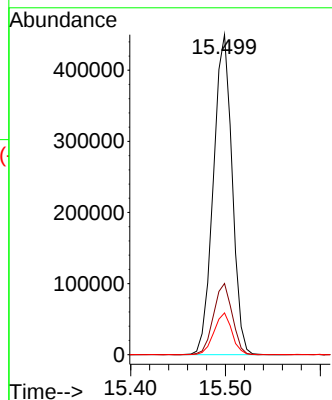
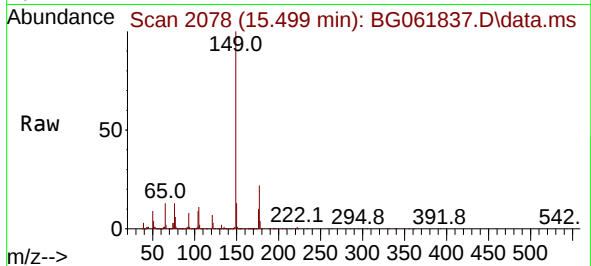
#59
Diethylphthalate
Concen: 38.216 ng/ul
RT: 15.499 min Scan# 2077
Delta R.T. 0.001 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

Instrument :
BNA_G
ClientSampleId :
A4CS3MSD

Tgt Ion:149 Resp: 616514
Ion Ratio Lower Upper
149 100
177 22.3 19.6 29.4
150 13.0 9.2 13.8

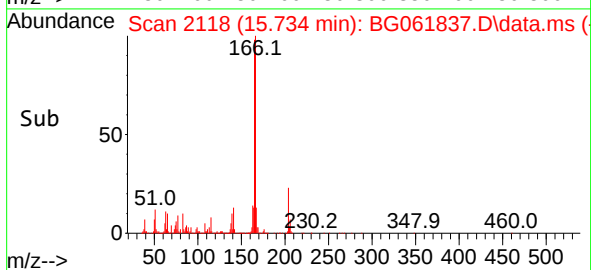
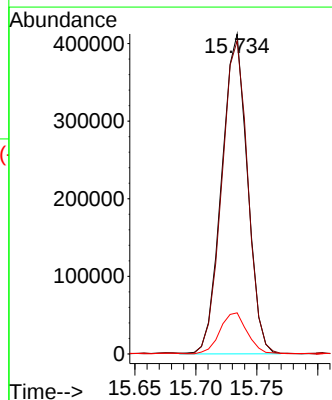
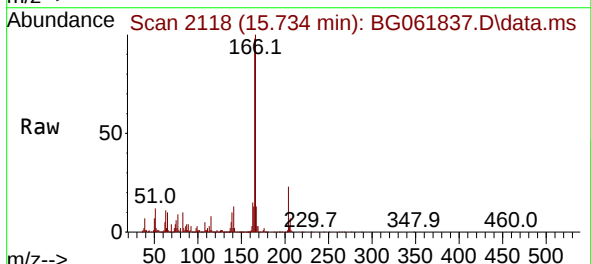
Manual Integrations
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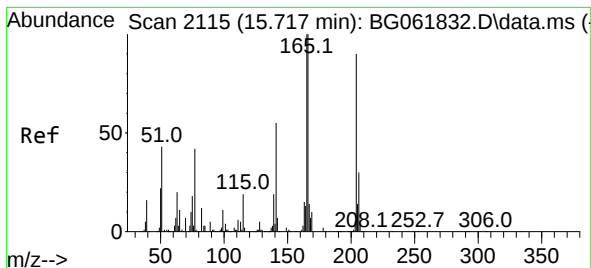
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#61
Fluorene
Concen: 39.125 ng/ul
RT: 15.734 min Scan# 2118
Delta R.T. 0.001 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

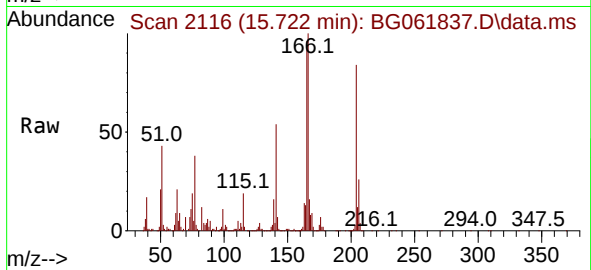
Tgt Ion:166 Resp: 605521
Ion Ratio Lower Upper
166 100
165 97.8 84.9 127.3
167 12.8 10.9 16.3





#62
4-Chlorophenyl-phenylether
Concen: 39.113 ng/ul
RT: 15.722 min Scan# 2116
Delta R.T. -0.004 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

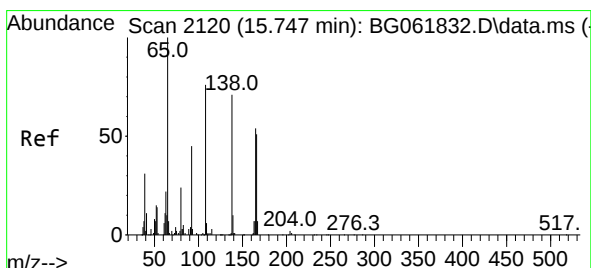
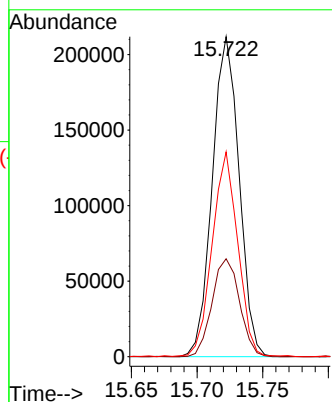
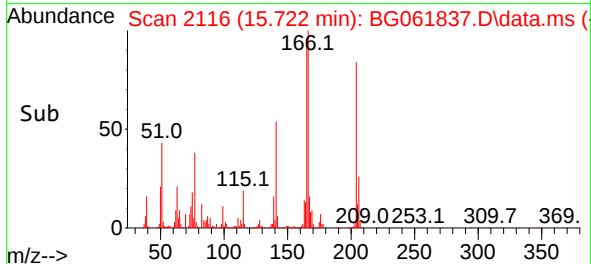
Instrument :
BNA_G
ClientSampleId :
A4CS3MSD



Tgt Ion:204 Resp: 300500
Ion Ratio Lower Upper
204 100
206 30.6 26.4 39.6
141 64.0 51.1 76.7

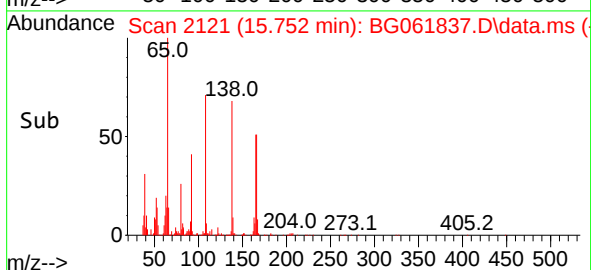
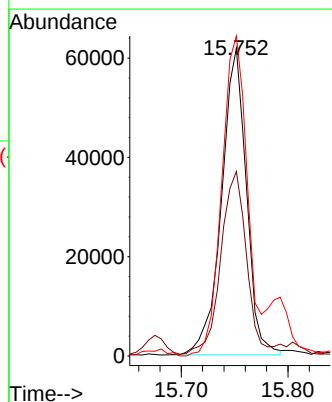
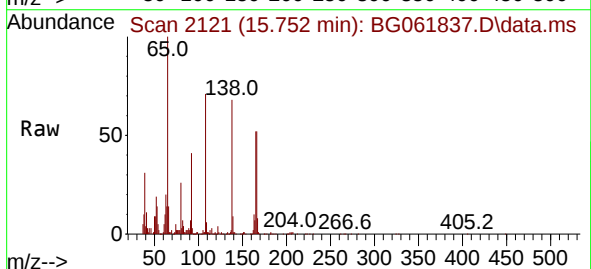
Manual Integrations
APPROVED

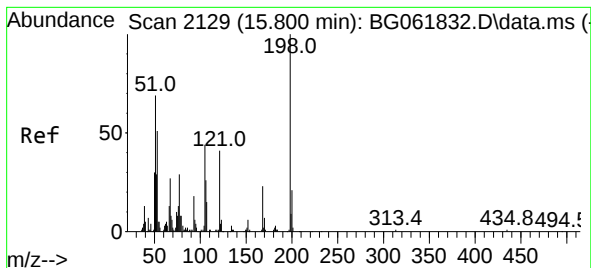
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#63
4-Nitroaniline
Concen: 35.429 ng/ul
RT: 15.752 min Scan# 2121
Delta R.T. 0.007 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

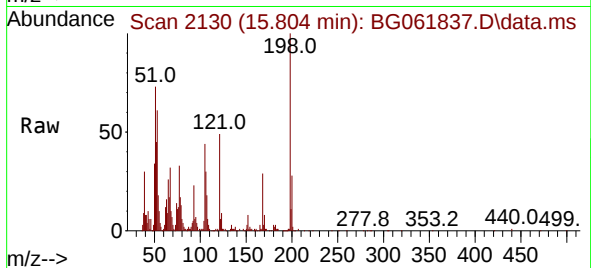
Tgt Ion:138 Resp: 99908
Ion Ratio Lower Upper
138 100
92 60.0 54.8 82.2
108 104.0 84.2 126.2





#66
4,6-Dinitro-2-methylphenol
Concen: 41.039 ng/ul
RT: 15.804 min Scan# 2129
Delta R.T. 0.007 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

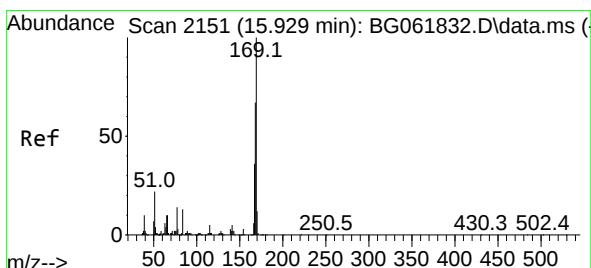
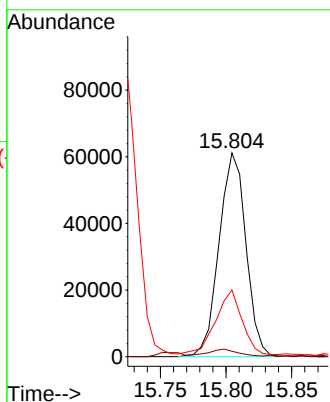
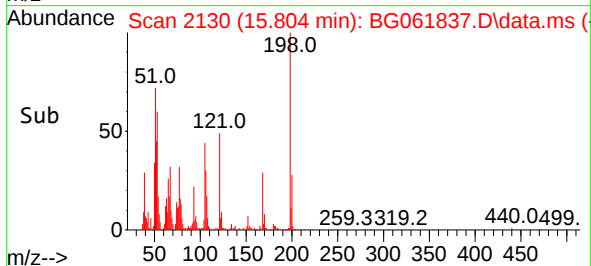
Instrument :
BNA_G
ClientSampleId :
A4CS3MSD



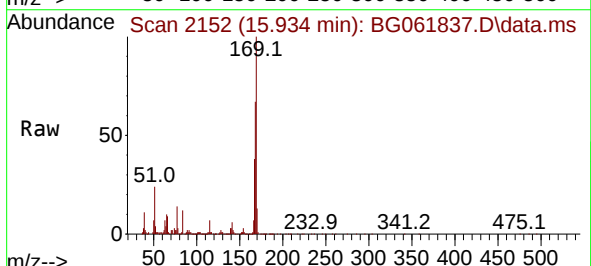
Tgt Ion:198 Resp: 87100
Ion Ratio Lower Upper
198 100
182 2.7 3.6 5.4
77 32.8 19.5 29.3

Manual Integrations
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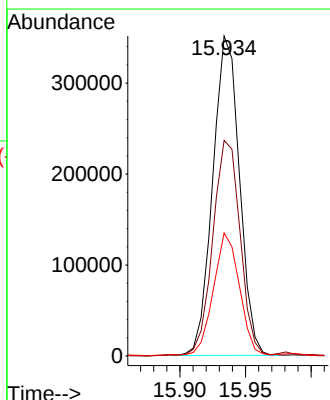
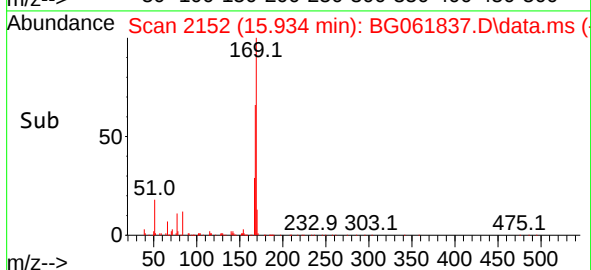
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

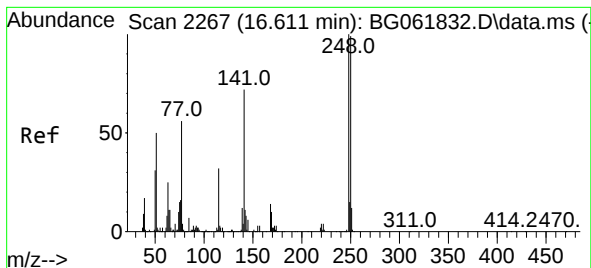


#67
N-Nitrosodiphenylamine
Concen: 43.818 ng/ul
RT: 15.934 min Scan# 2152
Delta R.T. -0.004 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20



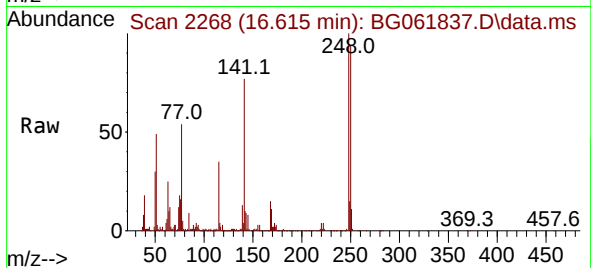
Tgt Ion:169 Resp: 496571
Ion Ratio Lower Upper
169 100
168 67.3 54.6 81.8
167 38.5 27.8 41.6





#68
4-Bromophenyl-phenylether
Concen: 45.407 ng/ul
RT: 16.615 min Scan# 2267
Delta R.T. -0.004 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

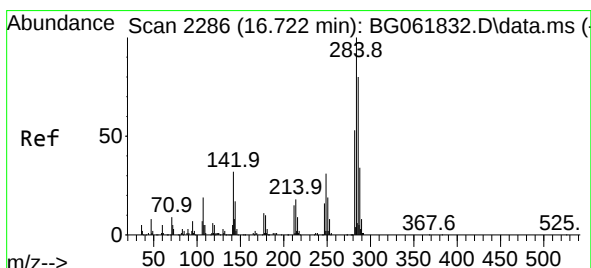
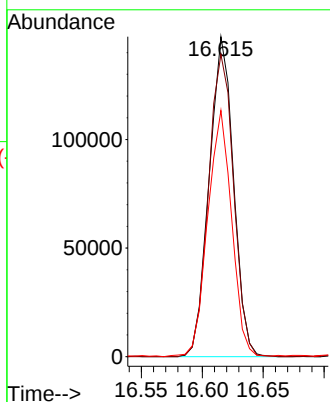
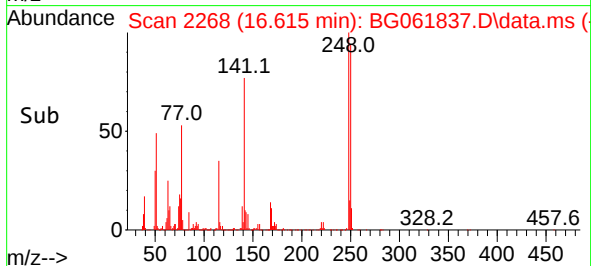
Instrument :
BNA_G
ClientSampleId :
A4CS3MSD



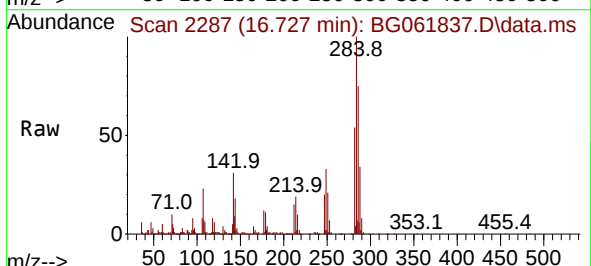
Tgt Ion:248 Resp: 204880
Ion Ratio Lower Upper
248 100
250 94.4 82.1 123.1
141 76.9 57.6 86.4

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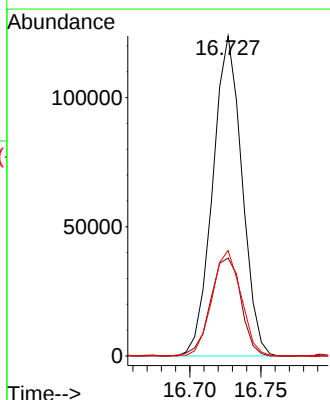
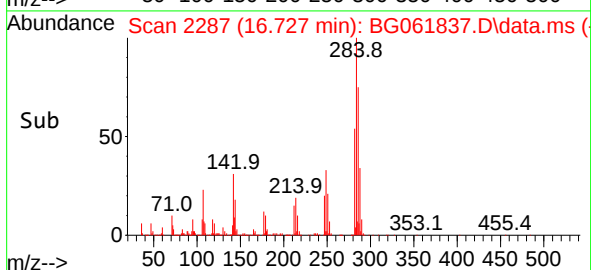
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

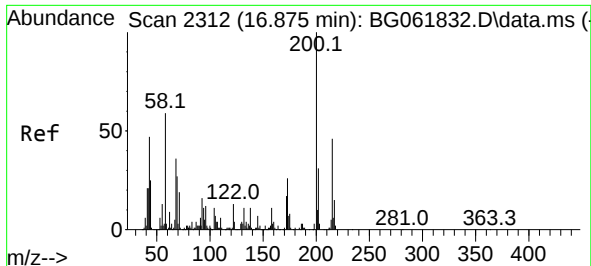


#69
Hexachlorobenzene
Concen: 32.347 ng/ul
RT: 16.727 min Scan# 2287
Delta R.T. 0.001 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20



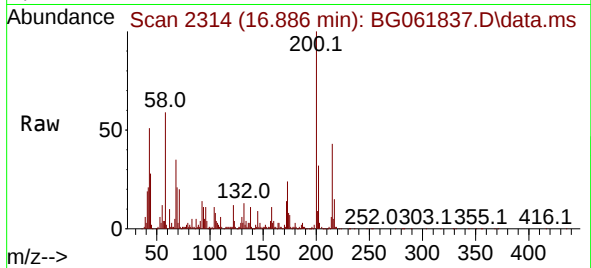
Tgt Ion:284 Resp: 177121
Ion Ratio Lower Upper
284 100
142 30.6 25.2 37.8
249 34.9 26.9 40.3





#70
 Atrazine
 Concen: 28.921 ng/ul
 RT: 16.886 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG061837.D
 Acq: 2 Jul 2024 8:20

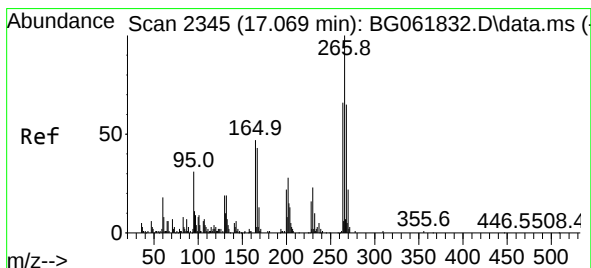
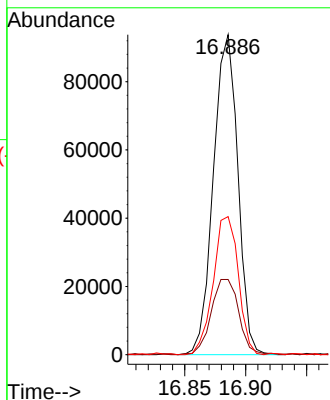
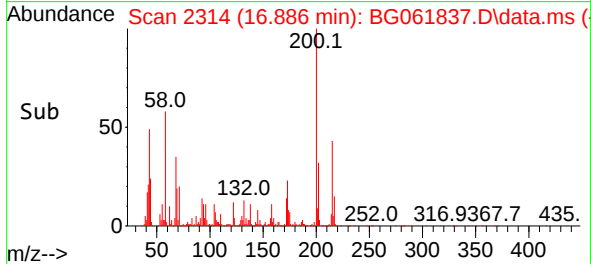
Instrument :
 BNA_G
 ClientSampleId :
 A4CS3MSD



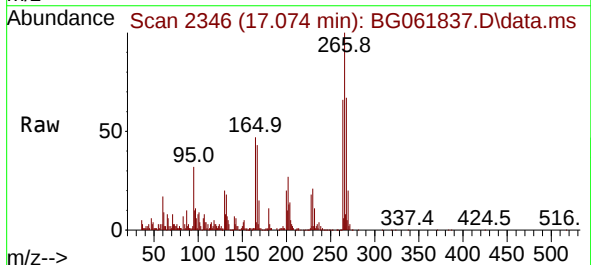
Tgt Ion:200 Resp: 130910
 Ion Ratio Lower Upper
 200 100
 173 23.5 18.2 27.2
 215 43.1 36.6 54.8

Manual Integrations
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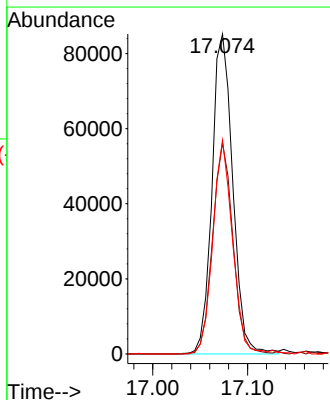
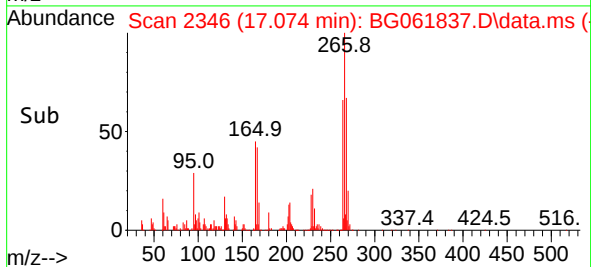
Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

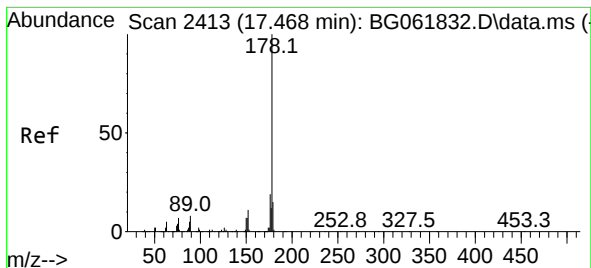


#71
 Pentachlorophenol
 Concen: 38.825 ng/ul
 RT: 17.074 min Scan# 2346
 Delta R.T. 0.001 min
 Lab File: BG061837.D
 Acq: 2 Jul 2024 8:20



Tgt Ion:266 Resp: 129502
 Ion Ratio Lower Upper
 266 100
 264 65.9 52.5 78.7
 268 66.9 47.5 71.3





#72

Phenanthrene

Concen: 54.047 ng/uI

RT: 17.473 min Scan# 2413

Delta R.T. 0.001 min

Lab File: BG061837.D

Acq: 2 Jul 2024 8:20

Instrument :

BNA_G

ClientSampleId :

A4CS3MSD

Tgt Ion:178 Resp: 1246040

Ion Ratio Lower Upper

178 100

179 15.0 12.0 18.0

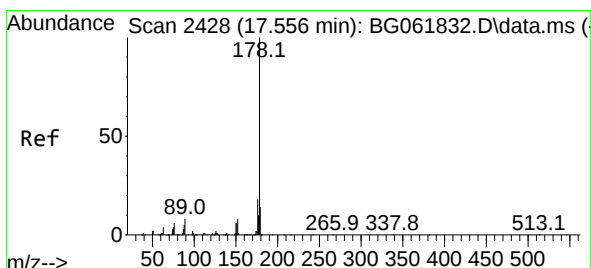
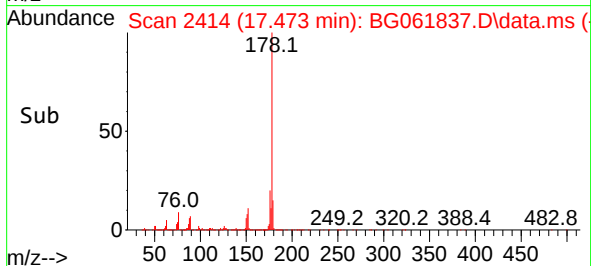
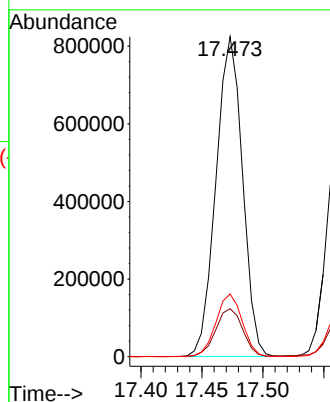
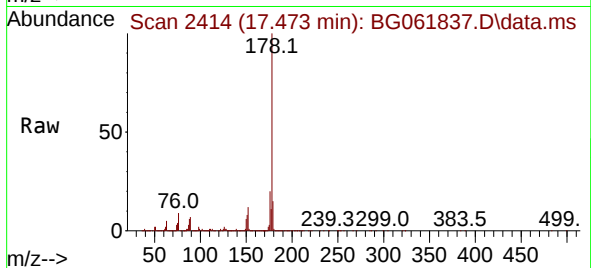
176 19.6 16.2 24.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/02/2024

Supervised By :mohammad ahmed 07/04/2024



#74

Anthracene

Concen: 41.197 ng/uI

RT: 17.567 min Scan# 2430

Delta R.T. 0.001 min

Lab File: BG061837.D

Acq: 2 Jul 2024 8:20

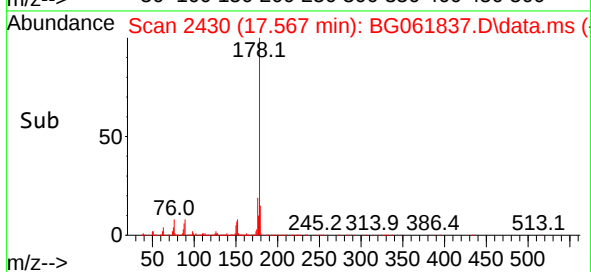
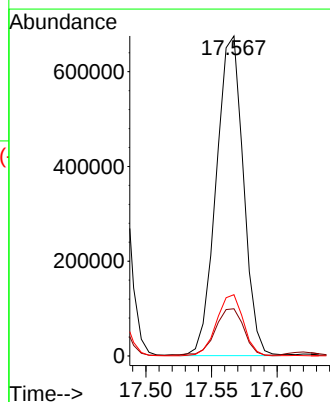
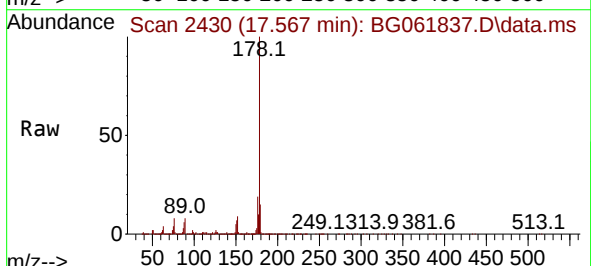
Tgt Ion:178 Resp: 971269

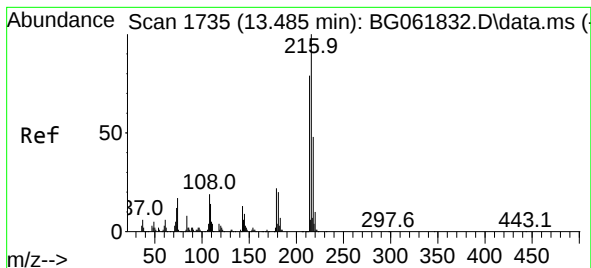
Ion Ratio Lower Upper

178 100

179 14.8 11.4 17.2

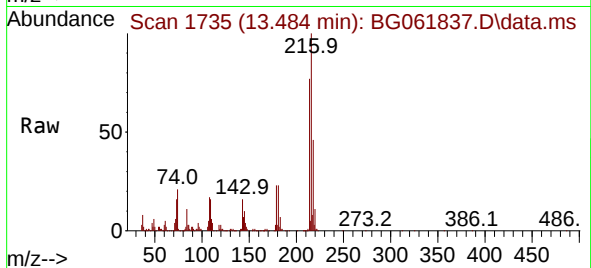
176 19.1 14.7 22.1





#75
1,2,3,4-Tetrachlorobenzene
Concen: 53.766 ng/ul
RT: 13.484 min Scan# 1735
Delta R.T. 0.001 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

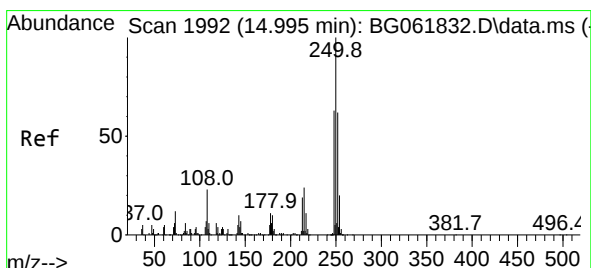
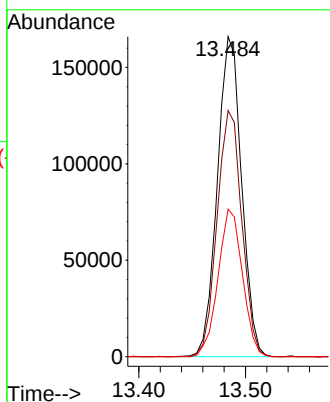
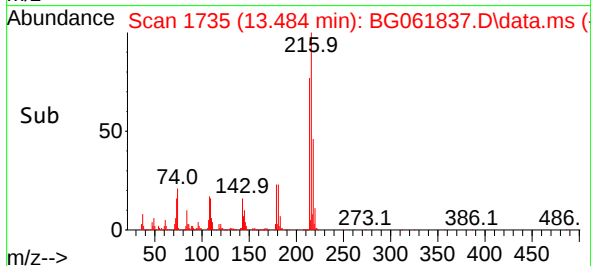
Instrument :
BNA_G
ClientSampleId :
A4CS3MSD



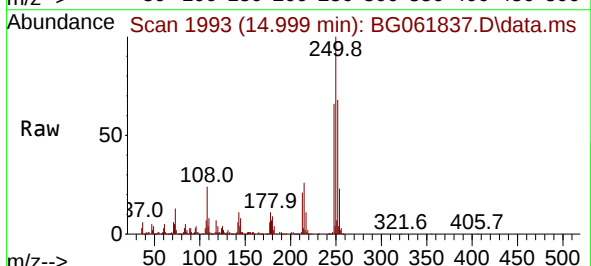
Tgt Ion:216 Resp: 26250
Ion Ratio Lower Upper
216 100
214 76.9 61.9 92.9
218 46.1 39.6 59.4

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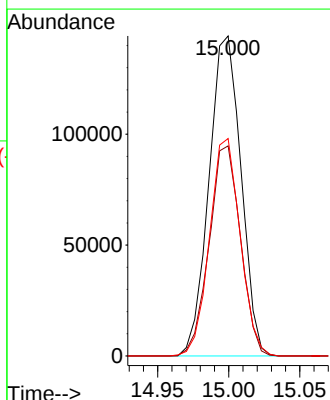
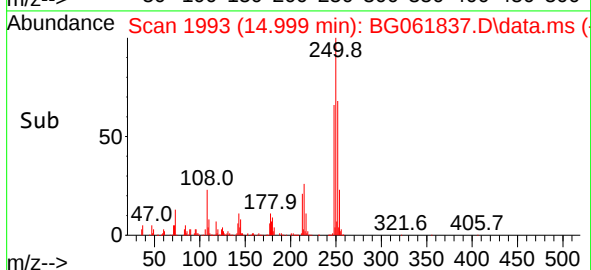
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

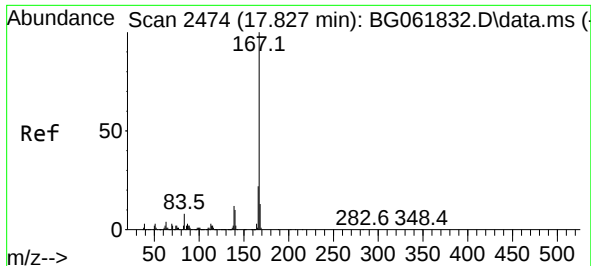


#76
Pentachlorobenzene
Concen: 38.560 ng/ul
RT: 14.999 min Scan# 1993
Delta R.T. 0.001 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20



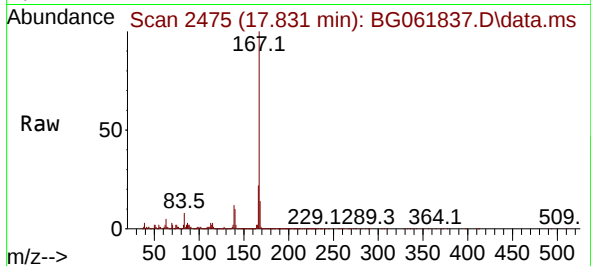
Tgt Ion:250 Resp: 226087
Ion Ratio Lower Upper
250 100
248 65.7 45.7 68.5
252 67.9 48.3 72.5





#77
Carbazole
Concen: 35.826 ng/ul
RT: 17.831 min Scan# 2475
Delta R.T. 0.001 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

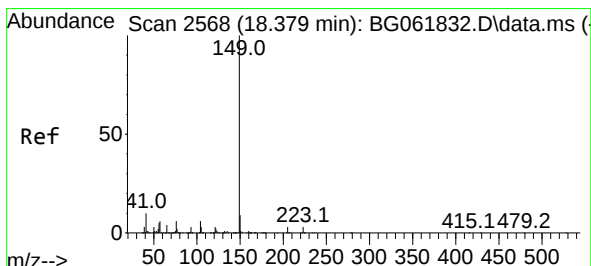
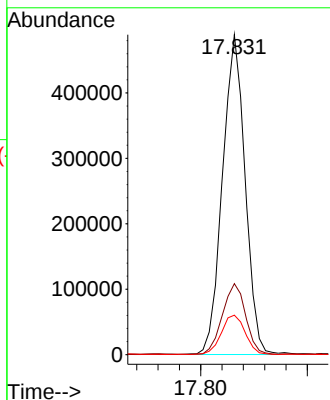
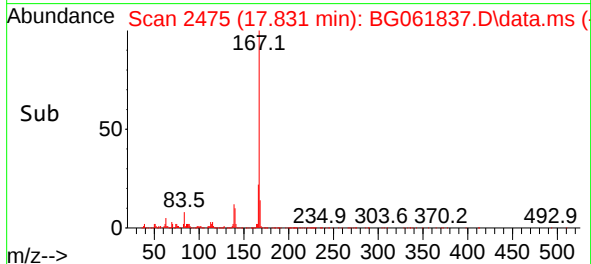
Instrument :
BNA_G
ClientSampleId :
A4CS3MSD



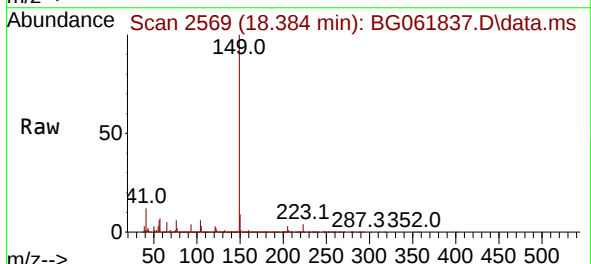
Tgt Ion:167 Resp: 71716
Ion Ratio Lower Upper
167 100
166 22.2 17.5 26.3
139 12.4 9.4 14.2

Manual Integrations
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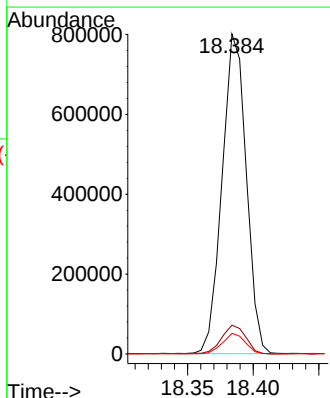
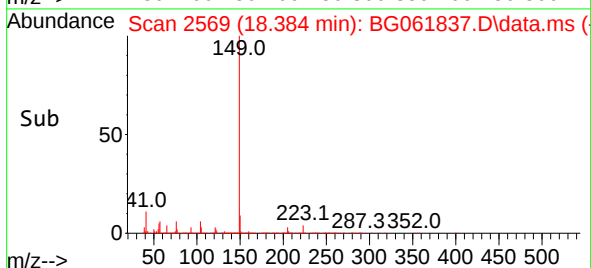
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

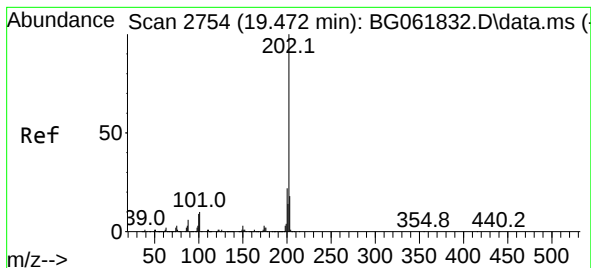


#78
Di-n-butylphthalate
Concen: 42.845 ng/ul
RT: 18.384 min Scan# 2569
Delta R.T. -0.010 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20



Tgt Ion:149 Resp: 1025792
Ion Ratio Lower Upper
149 100
150 9.0 6.7 10.1
104 6.5 4.6 6.8





#80

Fluoranthene

Concen: 76.168 ng/u1

RT: 19.477 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG061837.D

Acq: 2 Jul 2024 8:20

Instrument :

BNA_G

ClientSampleId :

A4CS3MSD

Tgt Ion:202 Resp: 1559410

Ion Ratio Lower Upper

202 100

101 9.3 7.8 11.6

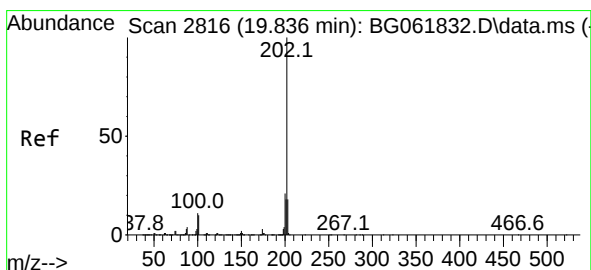
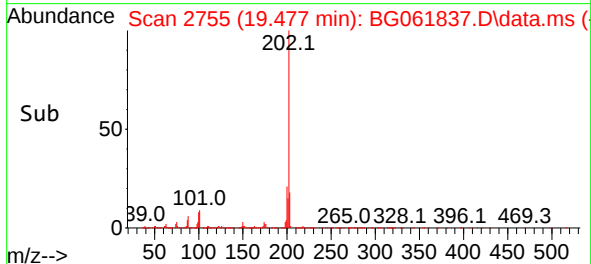
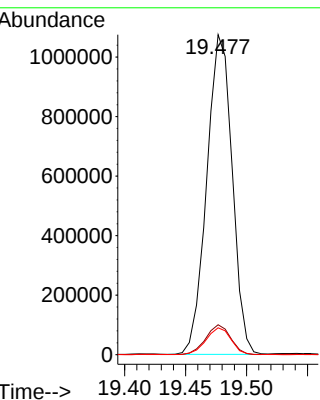
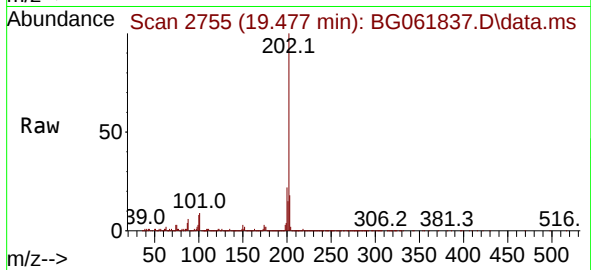
100 8.4 7.7 11.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/02/2024

Supervised By :mohammad ahmed 07/04/2024



#82

Pyrene

Concen: 55.769 ng/u1

RT: 19.841 min Scan# 2817

Delta R.T. 0.001 min

Lab File: BG061837.D

Acq: 2 Jul 2024 8:20

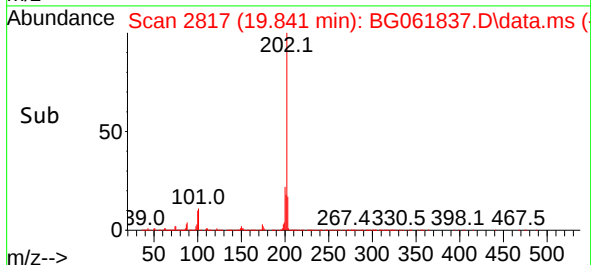
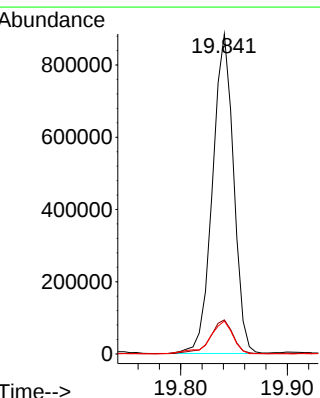
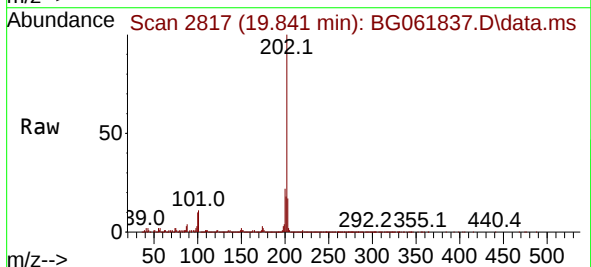
Tgt Ion:202 Resp: 1214053

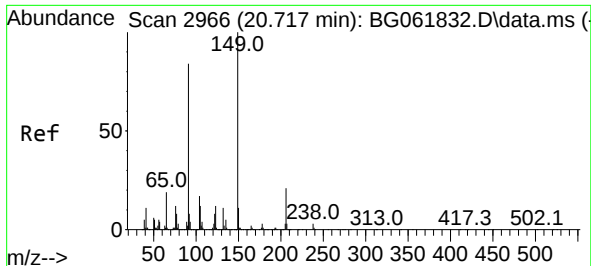
Ion Ratio Lower Upper

202 100

101 10.6 10.1 15.1

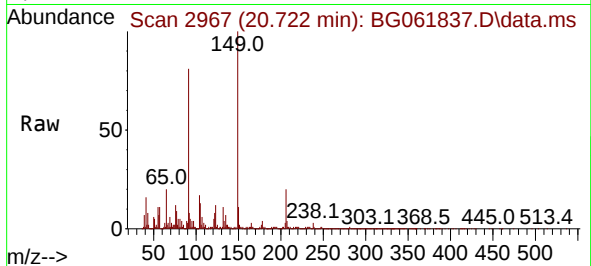
100 10.3 9.9 14.9





#83
Butylbenzylphthalate
Concen: 51.709 ng/ul
RT: 20.722 min Scan# 2966
Delta R.T. -0.004 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

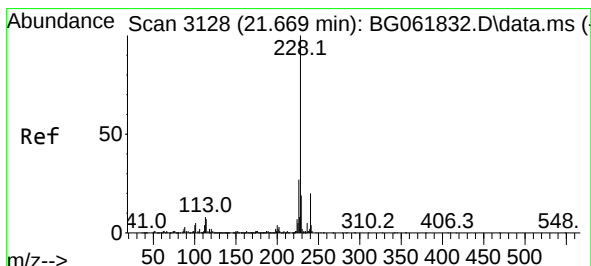
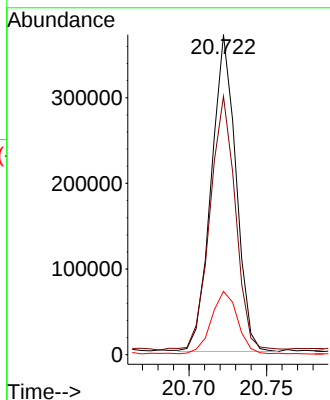
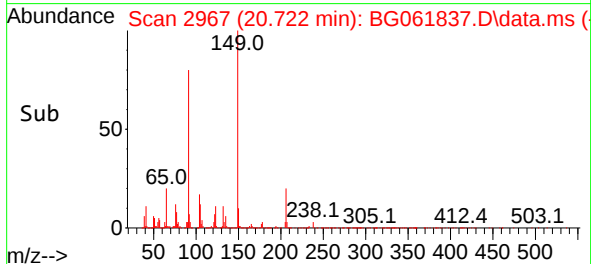
Instrument :
BNA_G
ClientSampleId :
A4CS3MSD



Tgt Ion:149 Resp: 409854
Ion Ratio Lower Upper
149 100
91 80.8 68.1 102.1
206 19.8 17.9 26.9

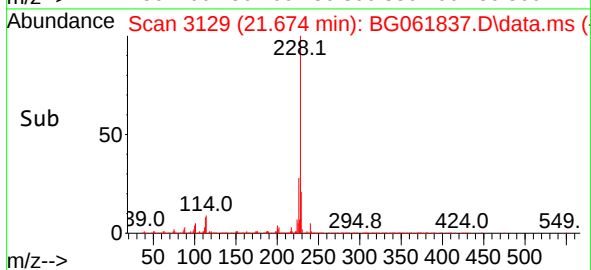
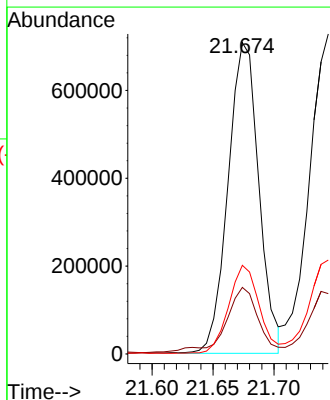
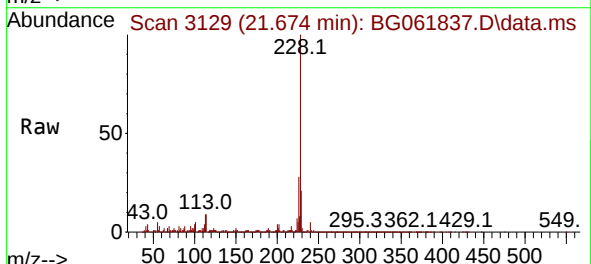
Manual Integrations
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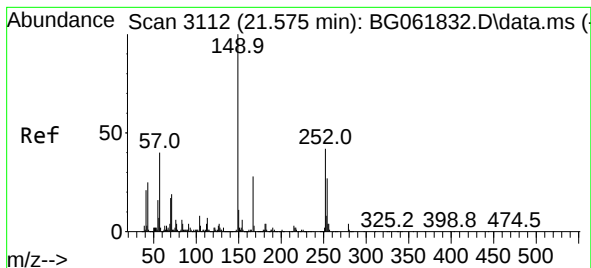
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#85
Benzo(a)anthracene
Concen: 56.103 ng/ul
RT: 21.674 min Scan# 3129
Delta R.T. 0.001 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

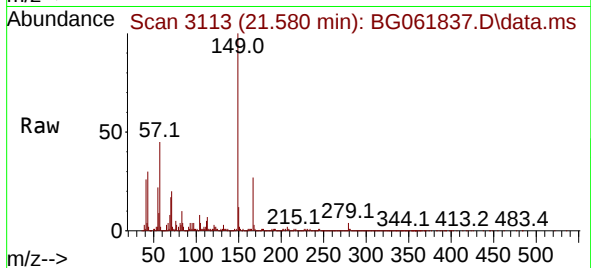
Tgt Ion:228 Resp: 1244011
Ion Ratio Lower Upper
228 100
229 21.4 15.8 23.8
226 28.5 21.4 32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 52.937 ng/ul
RT: 21.580 min Scan# 3113
Delta R.T. -0.010 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

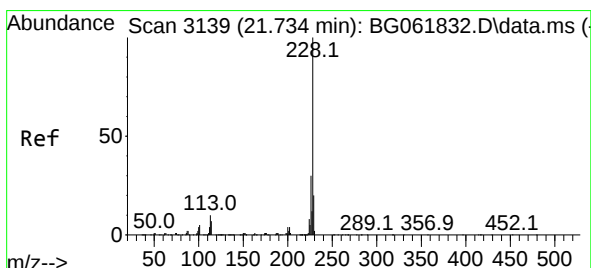
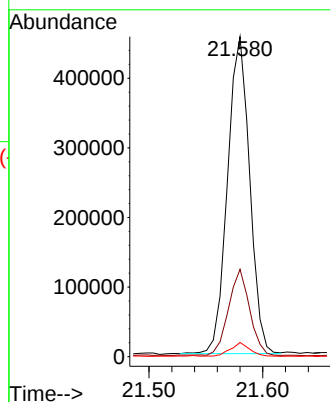
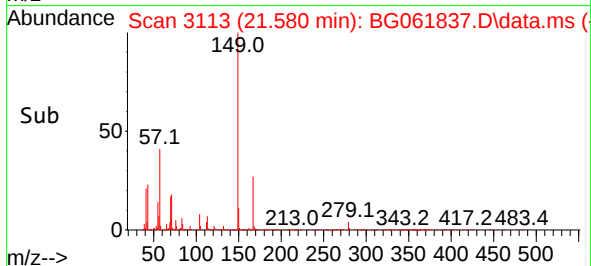
Instrument :
BNA_G
ClientSampleId :
A4CS3MSD



Tgt Ion:149 Resp: 61675
Ion Ratio Lower Upper
149 100
167 27.3 20.5 30.7
279 4.4 2.9 4.3

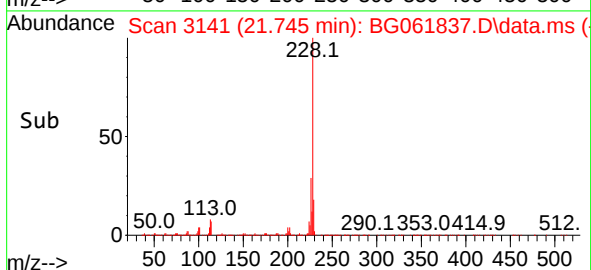
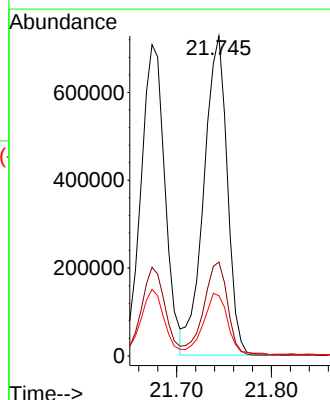
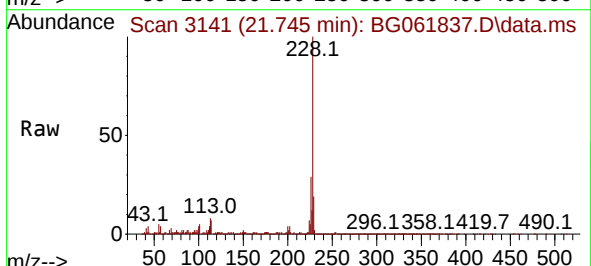
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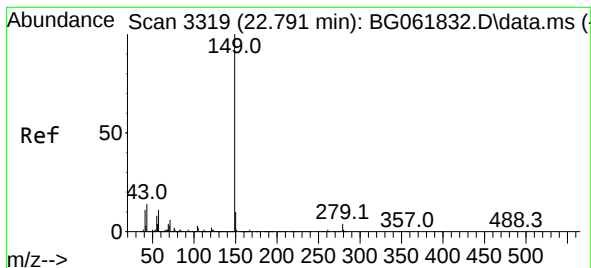
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#87
Chrysene
Concen: 59.456 ng/ul
RT: 21.745 min Scan# 3141
Delta R.T. 0.007 min
Lab File: BG061837.D
Acq: 2 Jul 2024 8:20

Tgt Ion:228 Resp: 1247468
Ion Ratio Lower Upper
228 100
226 29.4 24.2 36.2
229 18.9 16.5 24.7





#89

Di-n-octyl phthalate

Concen: 48.733 ng/ul

RT: 22.796 min Scan# 31

Delta R.T. -0.010 min

Lab File: BG061837.D

Acq: 2 Jul 2024 8:20

Instrument :

BNA_G

ClientSampleId :

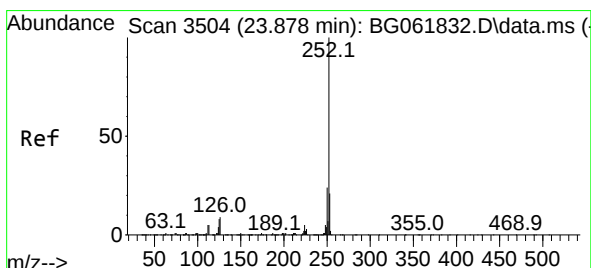
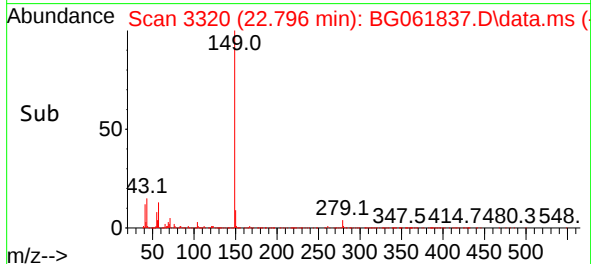
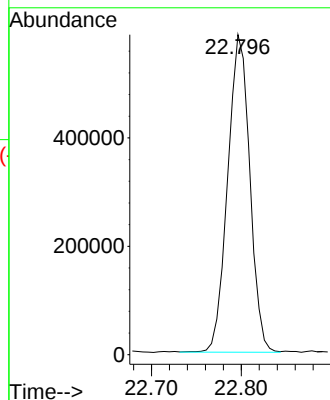
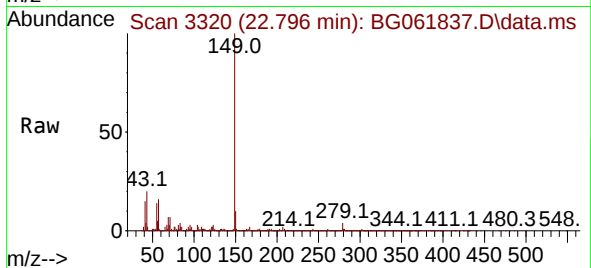
A4CS3MSD

Tgt Ion:149 Resp: 100093

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#90

Benzo(b)fluoranthene

Concen: 59.881 ng/ul

RT: 23.901 min Scan# 3508

Delta R.T. 0.013 min

Lab File: BG061837.D

Acq: 2 Jul 2024 8:20

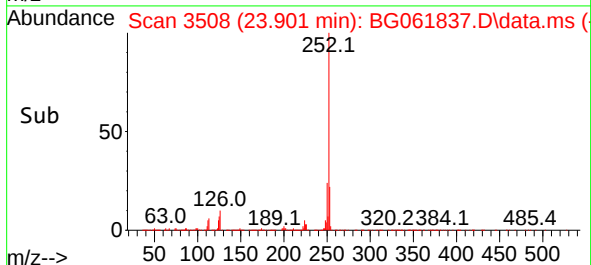
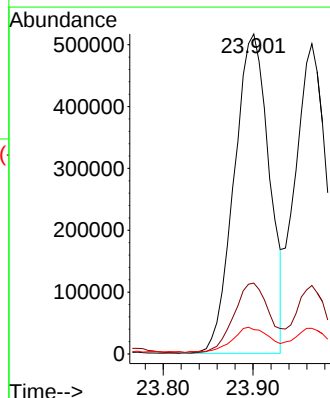
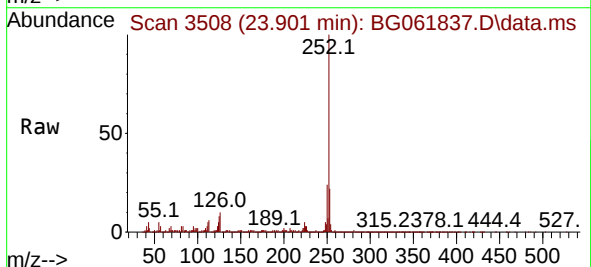
Tgt Ion:252 Resp: 1401745

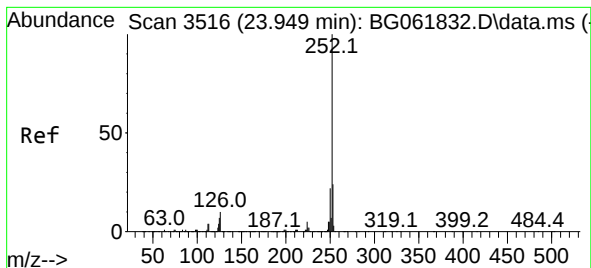
Ion Ratio Lower Upper

252 100

253 22.2 18.6 27.8

125 7.6 7.0 10.6





#91

Benzo(k)fluoranthene

Concen: 49.950 ng/u1

RT: 23.965 min Scan# 3516

Delta R.T. 0.007 min

Lab File: BG061837.D

Acq: 2 Jul 2024 8:20

Instrument :

BNA_G

ClientSampleId :

A4CS3MSD

Tgt Ion:252 Resp: 120254

Ion Ratio Lower Upper

252 100

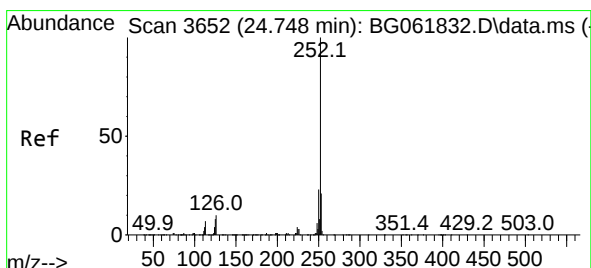
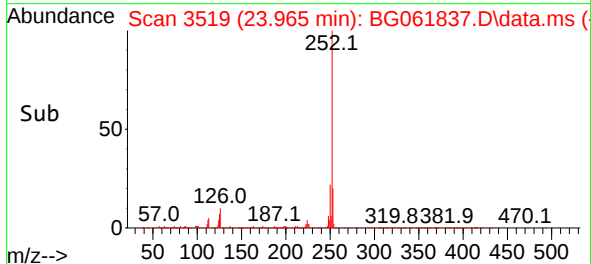
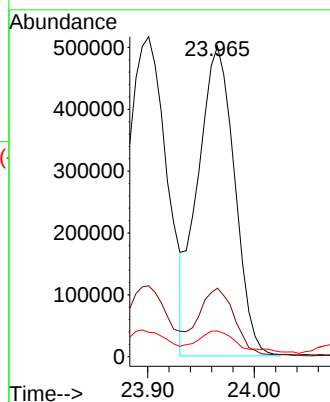
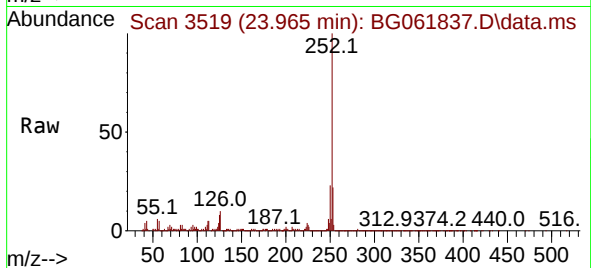
253 22.1 17.8 26.6

125 8.3 6.2 9.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#93

Benzo(a)pyrene

Concen: 25.419 ng/u1

RT: 24.770 min Scan# 3656

Delta R.T. 0.007 min

Lab File: BG061837.D

Acq: 2 Jul 2024 8:20

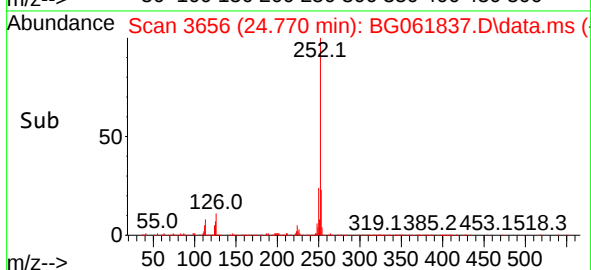
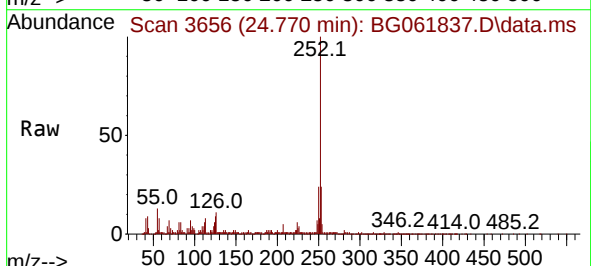
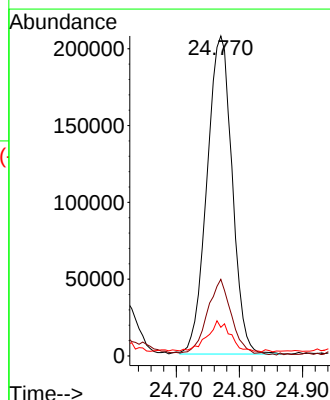
Tgt Ion:252 Resp: 572861

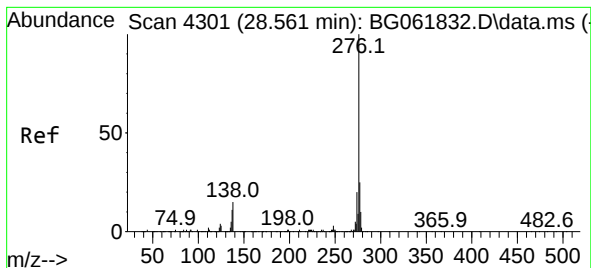
Ion Ratio Lower Upper

252 100

253 23.9 16.8 25.2

125 8.9 6.5 9.7





#94

Indeno(1,2,3-cd)pyrene

Concen: 38.089 ng/ul m

RT: 28.607 min Scan# 4309

Delta R.T. 0.043 min

Lab File: BG061837.D

Acq: 2 Jul 2024 8:20

Instrument :

BNA_G

ClientSampleId :

A4CS3MSD

Tgt Ion:276 Resp: 1069649

Ion Ratio Lower Upper

276 100

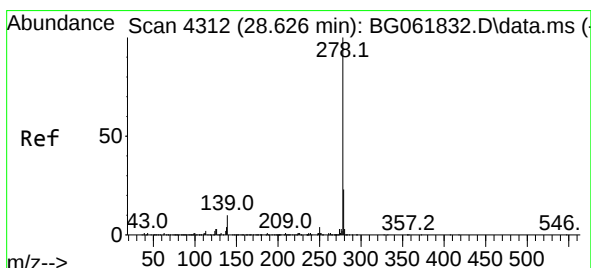
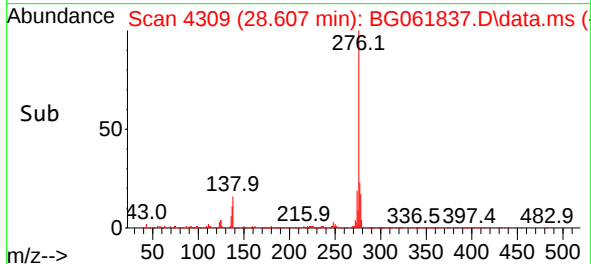
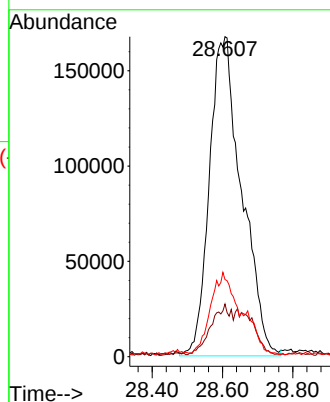
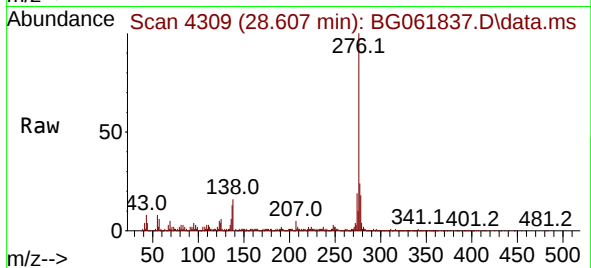
138 16.5 12.2 18.4

277 24.1 19.7 29.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#95

Dibenzo(a,h)anthracene

Concen: 46.175 ng/ul

RT: 28.672 min Scan# 4320

Delta R.T. 0.037 min

Lab File: BG061837.D

Acq: 2 Jul 2024 8:20

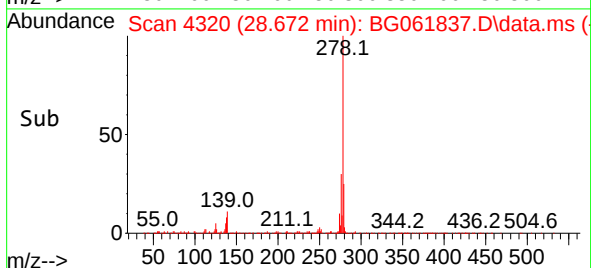
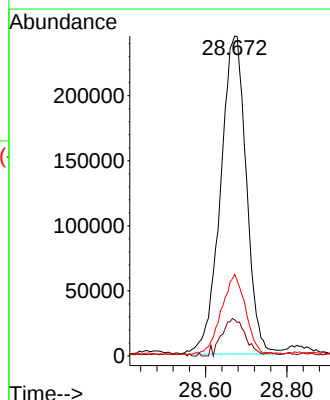
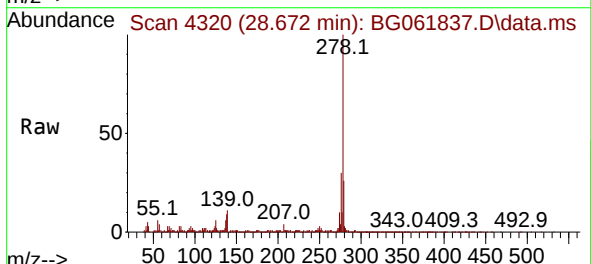
Tgt Ion:278 Resp: 1078285

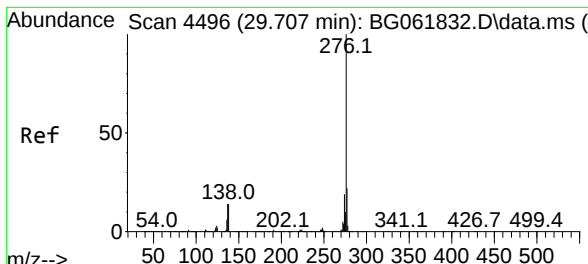
Ion Ratio Lower Upper

278 100

139 11.3 9.1 13.7

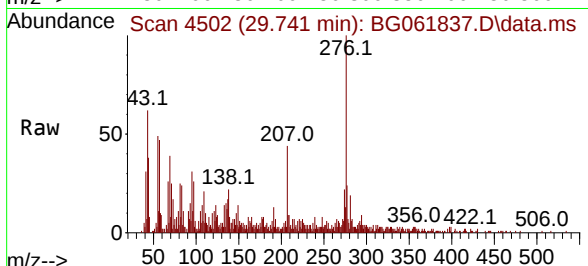
279 25.5 18.6 28.0





#96
 Benzo(g,h,i)perylene
 Concen: 4.822 ng/ul m
 RT: 29.741 min Scan# 4
 Delta R.T. 0.031 min
 Lab File: BG061837.D
 Acq: 2 Jul 2024 8:20

Instrument :
 BNA_G
 ClientSampleId :
 A4CS3MSD



Tgt Ion: 276 Resp: 10916

Ion	Ratio	Lower	Upper
276	100		
138	22.2	12.2	18.4
277	24.0	18.6	27.8

Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

