

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051524\
 Data File : BG061199.D
 Acq On : 15 May 2024 9:59
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024
 Supervised By :mohammad ahmed 05/17/2024

Quant Time: May 15 10:32:29 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed May 01 05:11:25 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	24388	20.000	ng	-0.03
21) Naphthalene-d8	10.725	136	90927	20.000	ng	#-0.03
39) Acenaphthene-d10	14.562	164	76118	20.000	ng	-0.03
64) Phenanthrene-d10	17.311	188	187627	20.000	ng	-0.02
76) Chrysene-d12	21.571	240	190208	20.000	ng	-0.02
86) Perylene-d12	24.691	264	217549	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.519	112	100974	84.203	ng	-0.03
7) Phenol-d6	7.112	99	141882	79.981	ng	-0.02
23) Nitrobenzene-d5	9.086	82	159011	86.691	ng	-0.03
42) 2,4,6-Tribromophenol	16.054	330	112038	73.638	ng	-0.02
45) 2-Fluorobiphenyl	13.181	172	426504	82.855	ng	-0.03
79) Terphenyl-d14	19.926	244	864588	75.598	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	16724	34.492	ng	96
3) Pyridine	3.827	79	50770	35.584	ng	93
4) n-Nitrosodimethylamine	3.745	42	46418	33.862	ng	91
6) Aniline	7.259	93	66724	37.941	ng	# 94
8) 2-Chlorophenol	7.499	128	57130	38.833	ng	97
9) Benzaldehyde	7.071	77	41275	44.103	ng	92
10) Phenol	7.135	94	70363	39.003	ng	96
11) bis(2-Chloroethyl)ether	7.353	93	48292	38.749	ng	97
12) 1,3-Dichlorobenzene	7.823	146	65900	37.997	ng	94
13) 1,4-Dichlorobenzene	7.970	146	62194m	34.696	ng	
14) 1,2-Dichlorobenzene	8.281	146	66236	38.300	ng	95
15) Benzyl Alcohol	8.169	79	56717	35.443	ng	# 89
16) 2,2'-oxybis(1-Chloropr...	8.451	45	110431	40.836	ng	96
17) 2-Methylphenol	8.381	107	48406	37.652	ng	93
18) Hexachloroethane	9.004	117	25020	39.118	ng	91
19) n-Nitroso-di-n-propyla...	8.733	70	50608	38.121	ng	# 88
20) 3+4-Methylphenols	8.710	107	71438	38.515	ng	98
22) Acetophenone	8.751	105	96798	42.747	ng	# 95
24) Nitrobenzene	9.133	77	77785	43.349	ng	93
25) Isophorone	9.656	82	130251	38.415	ng	97
26) 2-Nitrophenol	9.838	139	33838	39.802	ng	99
27) 2,4-Dimethylphenol	9.903	122	38711	39.495	ng	98
28) bis(2-Chloroethoxy)met...	10.132	93	67992	40.860	ng	97
29) 2,4-Dichlorophenol	10.384	162	59847	38.970	ng	88
30) 1,2,4-Trichlorobenzene	10.590	180	72750	39.315	ng	97
31) Naphthalene	10.778	128	181919	38.496	ng	97
32) Benzoic acid	10.067	122	27657m	24.409	ng	
33) 4-Chloroaniline	10.884	127	71842	38.119	ng	98
34) Hexachlorobutadiene	11.060	225	65010	40.945	ng	97
35) Caprolactam	11.671	113	19081	34.501	ng	94
36) 4-Chloro-3-methylphenol	12.018	107	74407	40.180	ng	97
37) 2-Methylnaphthalene	12.382	142	137082	38.710	ng	96
38) 1-Methylnaphthalene	12.599	142	138777	38.927	ng	95
40) 1,2,4,5-Tetrachloroben...	12.752	216	109429	43.077	ng	98
41) Hexachlorocyclopentadiene	12.729	237	42376	43.576	ng	99
43) 2,4,6-Trichlorophenol	12.999	196	63855	39.154	ng	97

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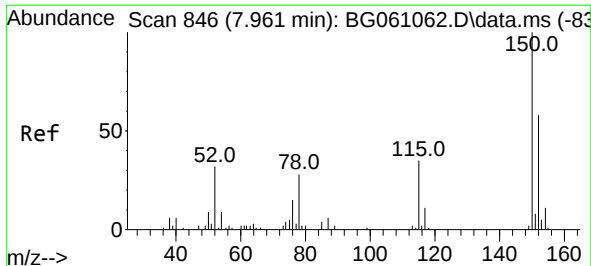
Manual Integrations
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 Supervised By :mohammad ahmed 05/17/2024

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	72898	39.494	ng	94
46) 1,1'-Biphenyl	13.393	154	201351	41.256	ng	100
47) 2-Chloronaphthalene	13.440	162	157821	40.383	ng	95
48) 2-Nitroaniline	13.639	65	59219	40.835	ng	94
49) Acenaphthylene	14.286	152	233562	38.911	ng	97
50) Dimethylphthalate	14.015	163	231041	39.297	ng	99
51) 2,6-Dinitrotoluene	14.139	165	47750	37.970	ng	95
52) Acenaphthene	14.626	154	152243	40.658	ng	97
53) 3-Nitroaniline	14.468	138	45210	39.291	ng	91
54) 2,4-Dinitrophenol	14.685	184	33896	39.182	ng	94
55) Dibenzofuran	14.961	168	240603	38.041	ng	98
56) 4-Nitrophenol	14.803	139	30622	32.930	ng	94
57) 2,4-Dinitrotoluene	14.932	165	73116	39.298	ng	# 99
58) Fluorene	15.613	166	205657	37.577	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.196	232	68151	35.868	ng	97
60) Diethylphthalate	15.378	149	234019	39.472	ng	94
61) 4-Chlorophenyl-phenyle...	15.602	204	125122	38.074	ng	97
62) 4-Nitroaniline	15.631	138	48950	39.224	ng	92
63) Azobenzene	15.896	77	176040	38.143	ng	95
65) 4,6-Dinitro-2-methylph...	15.702	198	45217	38.842	ng	93
66) n-Nitrosodiphenylamine	15.819	169	189017	40.624	ng	90
67) 4-Bromophenyl-phenylether	16.495	248	92070	41.655	ng	95
68) Hexachlorobenzene	16.618	284	107520	39.084	ng	98
69) Atrazine	16.771	200	67583	35.221	ng	89
70) Pentachlorophenol	16.965	266	60231	35.638	ng	97
71) Phenanthrene	17.353	178	335224	39.074	ng	99
72) Anthracene	17.447	178	331919	38.773	ng	98
73) Carbazole	17.711	167	291549	38.735	ng	98
74) Di-n-butylphthalate	18.275	149	355967	39.773	ng	98
75) Fluoranthene	19.368	202	454214	38.646	ng	99
77) Benzidine	19.544	184	137813	38.653	ng	97
78) Pyrene	19.726	202	458666	37.929	ng	98
80) Butylbenzylphthalate	20.619	149	149450	39.043	ng	96
81) Benzo(a)anthracene	21.548	228	463463	37.236	ng	99
82) 3,3'-Dichlorobenzidine	21.465	252	165389	36.923	ng	99
83) Chrysene	21.618	228	436432	37.426	ng	97
84) Bis(2-ethylhexyl)phtha...	21.465	149	197407	39.493	ng	99
85) Di-n-octyl phthalate	22.641	149	333765	37.847	ng	98
87) Indeno(1,2,3-cd)pyrene	28.234	276	570349	39.560	ng	# 97
88) Benzo(b)fluoranthene	23.710	252	467555	38.461	ng	96
89) Benzo(k)fluoranthene	23.769	252	441911	37.786	ng	98
90) Benzo(a)pyrene	24.544	252	419524	39.611	ng	97
91) Dibenzo(a,h)anthracene	28.299	278	465603	38.996	ng	# 98
92) Benzo(g,h,i)perylene	29.350	276	455462	38.387	ng	# 97

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



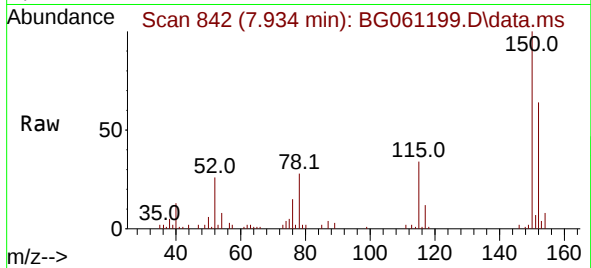
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 84
Delta R.T. -0.027 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Instrument :

BNA_G

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SSTDCCC040

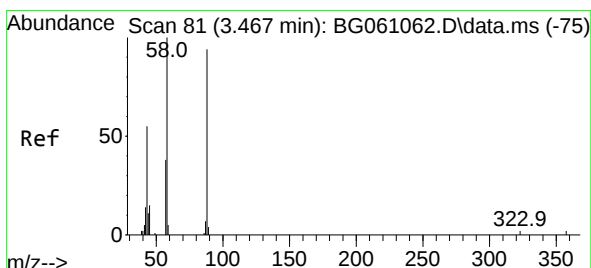
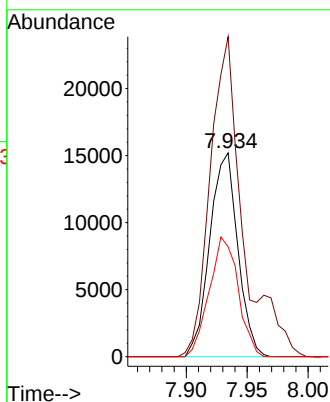


Tgt Ion:152 Resp: 2438
Ion Ratio Lower Upper
152 100
150 157.0 138.3 207.5
115 54.0 48.0 72.0

Manual Integrations

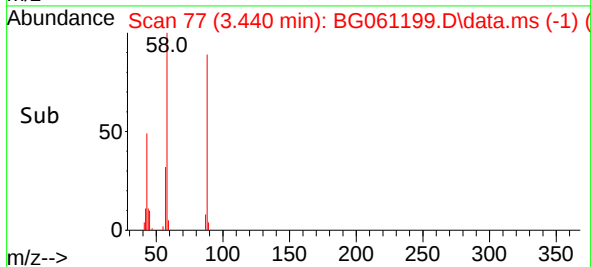
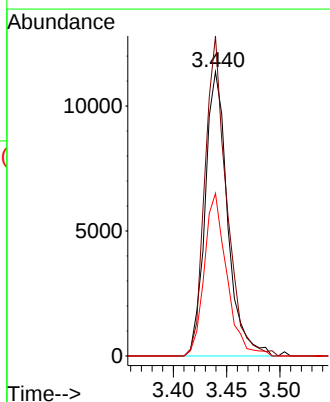
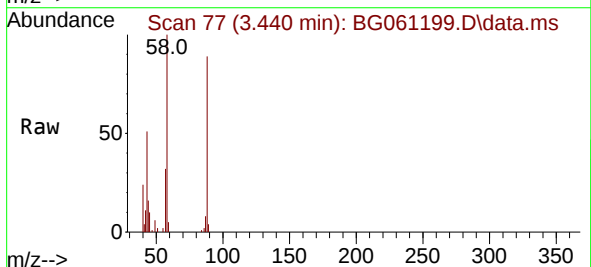
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Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#2
1,4-Dioxane
Concen: 34.492 ng
RT: 3.440 min Scan# 77
Delta R.T. -0.027 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Tgt Ion: 88 Resp: 16724
Ion Ratio Lower Upper
88 100
58 108.0 81.2 121.8
43 56.8 45.0 67.4





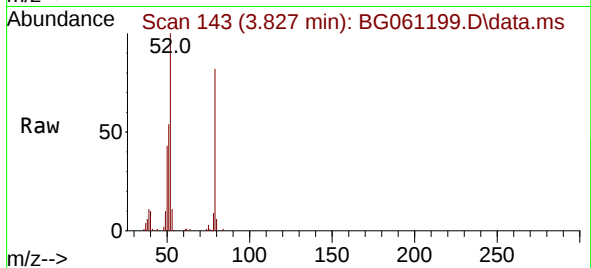
#3
Pyridine
Concen: 35.584 ng
RT: 3.827 min Scan# 147
Delta R.T. -0.027 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

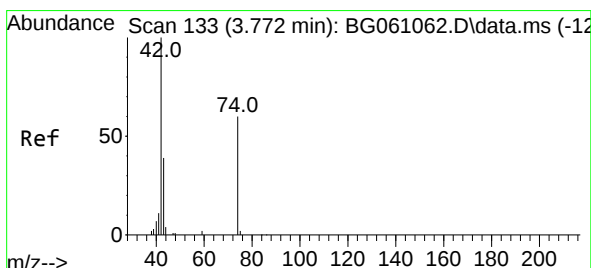
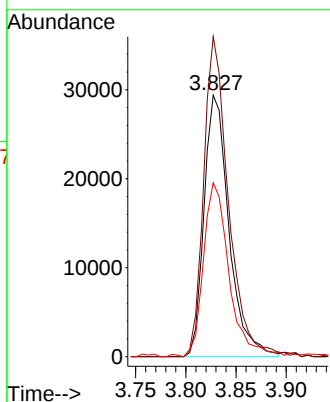
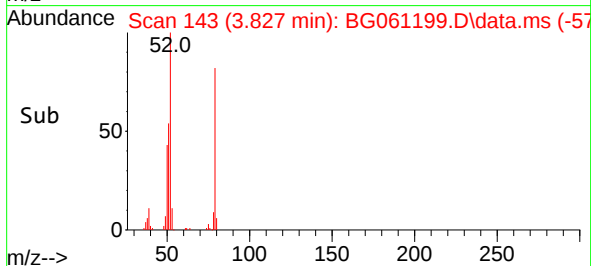


Tgt Ion: 79 Resp: 50770
Ion Ratio Lower Upper
79 100
52 122.4 91.6 137.4
51 66.5 57.0 85.4

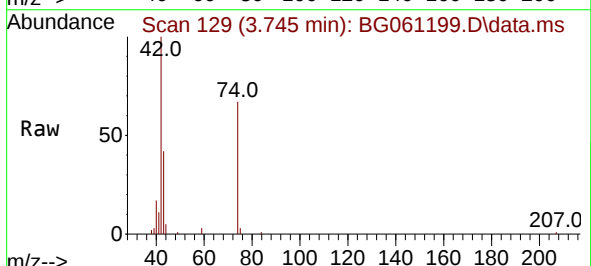
Manual Integrations

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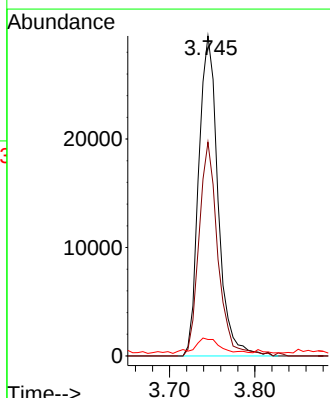
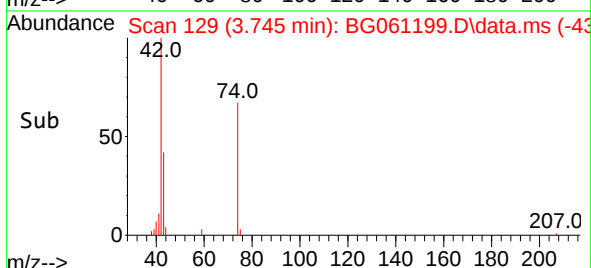
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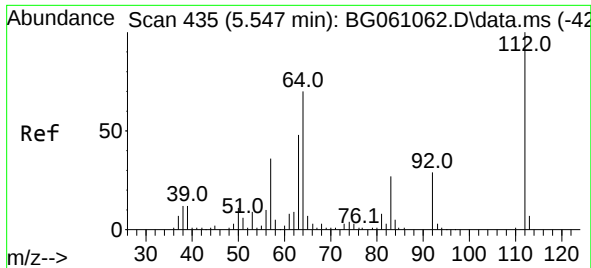


#4
n-Nitrosodimethylamine
Concen: 33.862 ng
RT: 3.745 min Scan# 129
Delta R.T. -0.027 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59



Tgt Ion: 42 Resp: 46418
Ion Ratio Lower Upper
42 100
74 66.8 47.8 71.8
44 5.2 4.7 7.1





#5
2-Fluorophenol
Concen: 84.203 ng
RT: 5.519 min Scan# 41
Delta R.T. -0.027 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Instrument :

BNA_G

ClientSampleId :

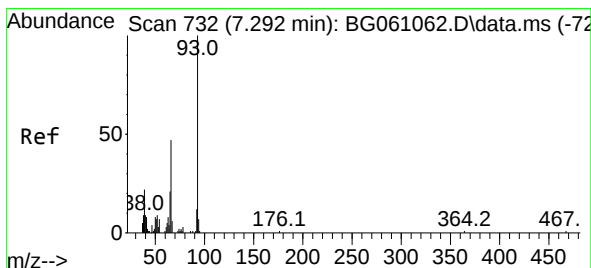
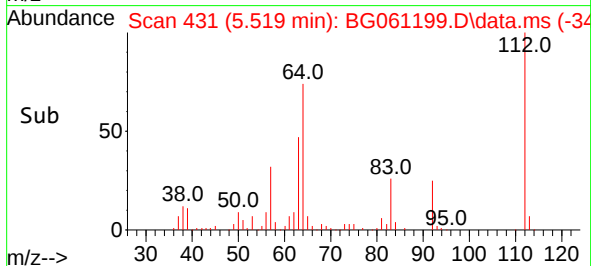
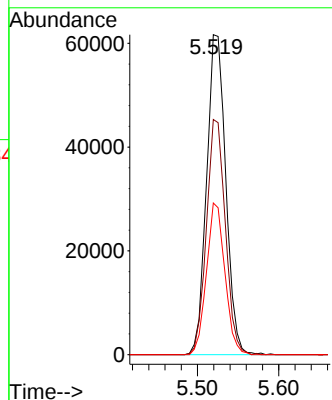
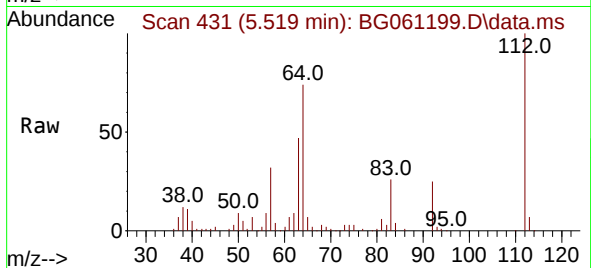
SSTDCCC040

Tgt Ion:112 Resp: 100974
Ion Ratio Lower Upper
112 100
64 73.5 55.7 83.5
63 47.4 38.1 57.1

Manual Integrations

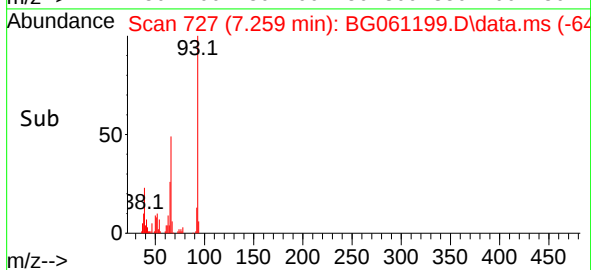
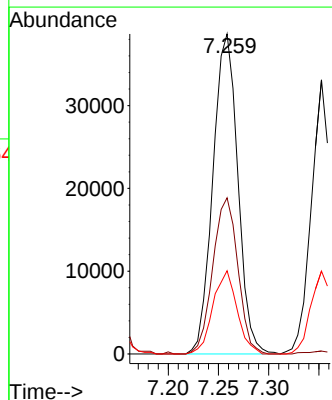
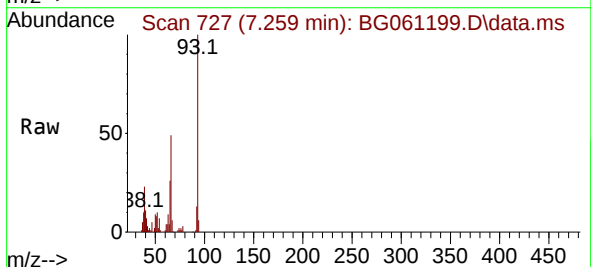
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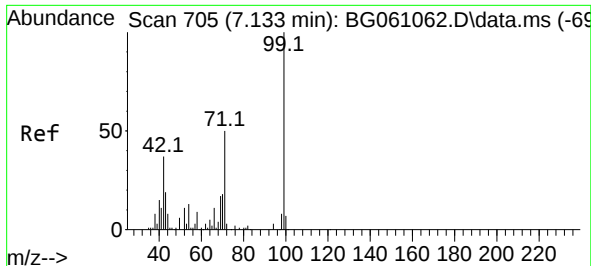
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#6
Aniline
Concen: 37.941 ng
RT: 7.259 min Scan# 727
Delta R.T. -0.033 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Tgt Ion: 93 Resp: 66724
Ion Ratio Lower Upper
93 100
66 48.8 37.4 56.0
65 26.0 16.6 24.8#





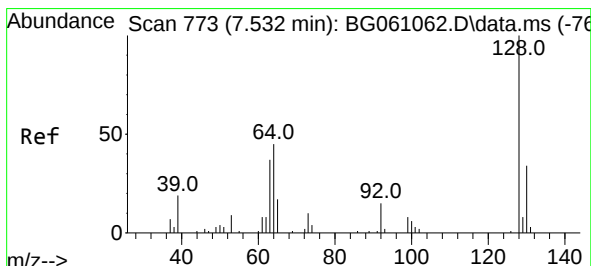
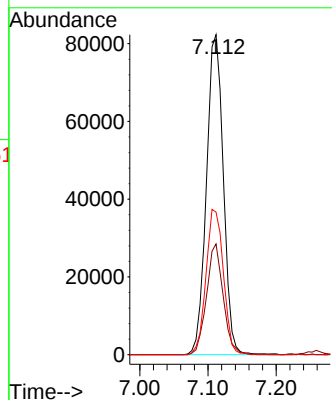
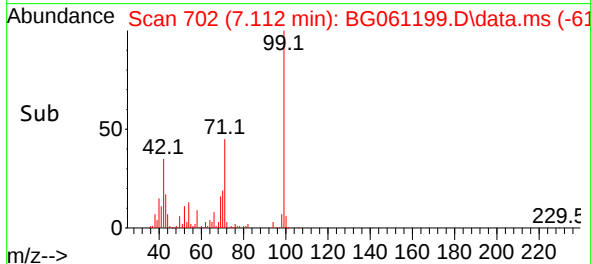
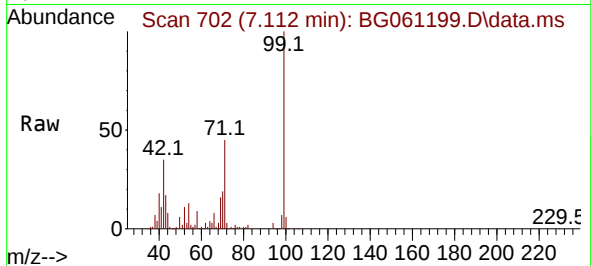
#7
Phenol-d6
Concen: 79.981 ng
RT: 7.112 min Scan# 705
Delta R.T. -0.021 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

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Tgt Ion: 99 Resp: 14188
Ion Ratio Lower Upper
99 100
42 34.6 29.2 43.8
71 44.6 39.7 59.5

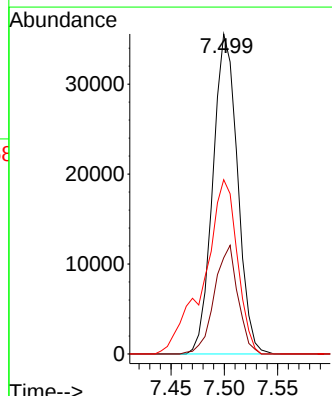
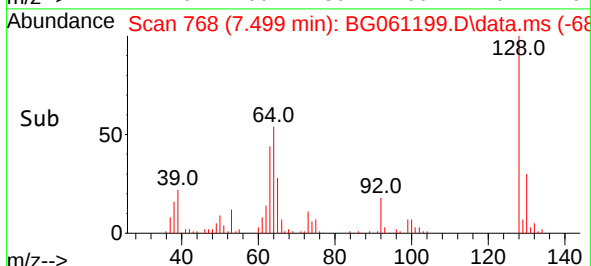
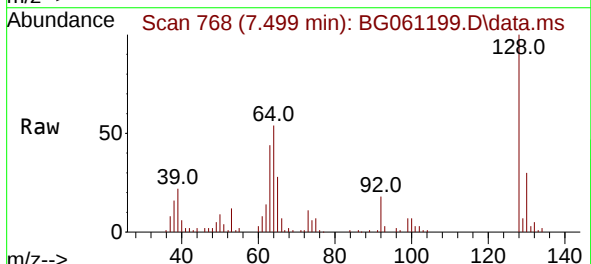
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#8
2-Chlorophenol
Concen: 38.833 ng
RT: 7.499 min Scan# 768
Delta R.T. -0.033 min
Lab File: BG061199.D
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Tgt Ion:128 Resp: 57130
Ion Ratio Lower Upper
128 100
130 30.0 14.1 54.1
64 54.4 34.8 74.8





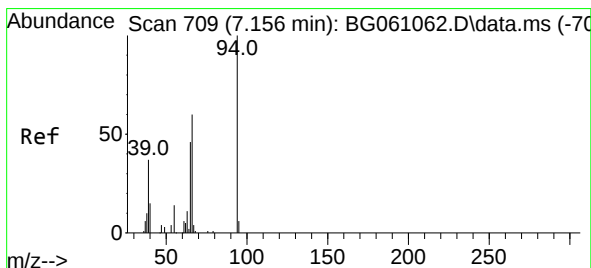
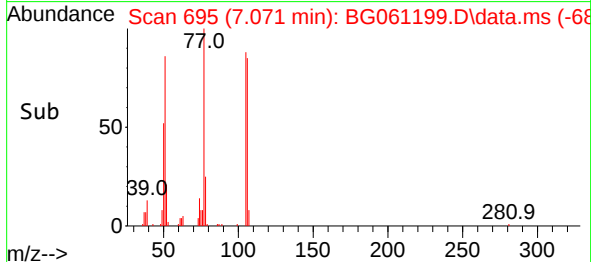
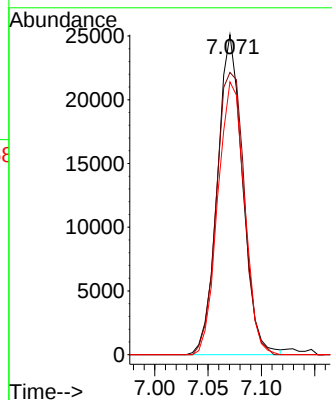
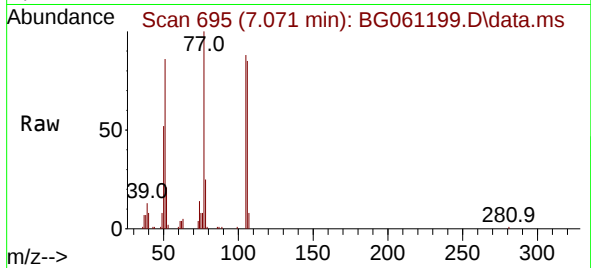
#9
Benzaldehyde
Concen: 44.103 ng
RT: 7.071 min Scan# 699
Delta R.T. -0.033 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 41275
Ion Ratio Lower Upper
77 100
105 88.2 76.0 116.0
106 85.2 72.3 112.3

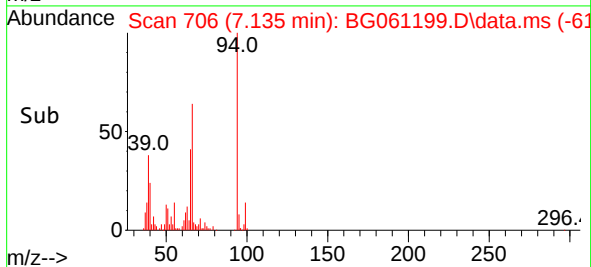
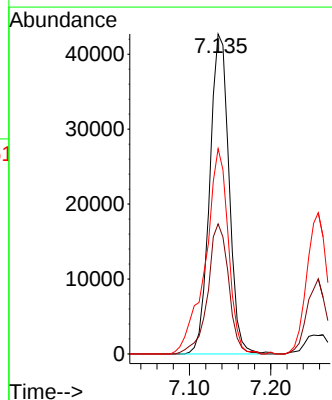
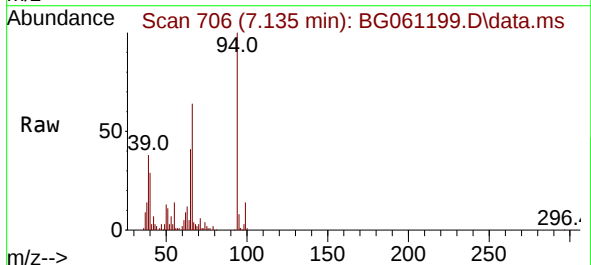
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Supervised By :mohammad ahmed 05/17/2024



#10
Phenol
Concen: 39.003 ng
RT: 7.135 min Scan# 706
Delta R.T. -0.021 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

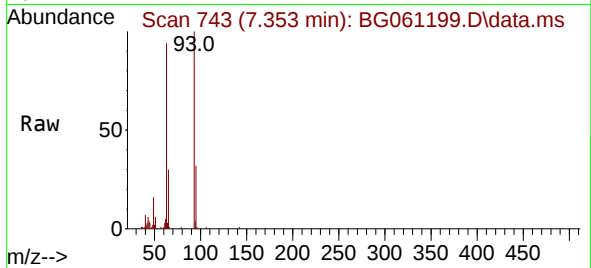
Tgt Ion: 94 Resp: 70363
Ion Ratio Lower Upper
94 100
65 40.7 26.8 66.8
66 64.1 44.7 84.7





#11
bis(2-Chloroethyl)ether
Concen: 38.749 ng
RT: 7.353 min Scan# 748
Delta R.T. -0.033 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

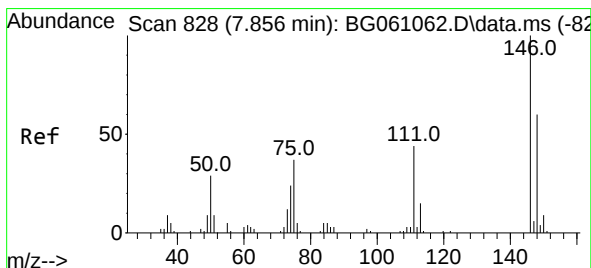
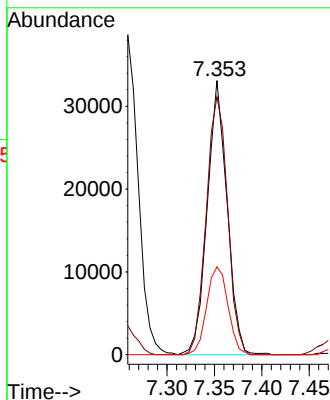
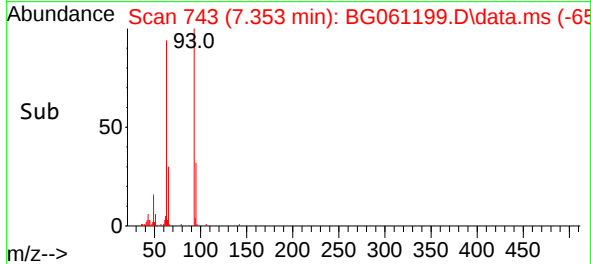
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 93 Resp: 48292
Ion Ratio Lower Upper
93 100
63 94.1 76.8 116.8
95 32.0 13.6 53.6

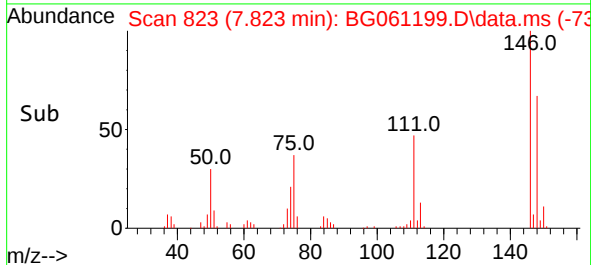
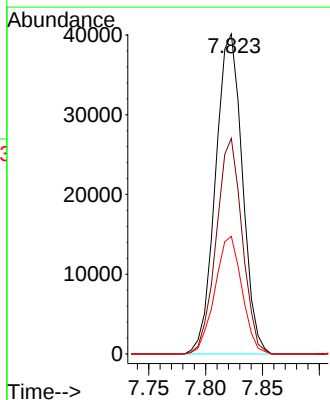
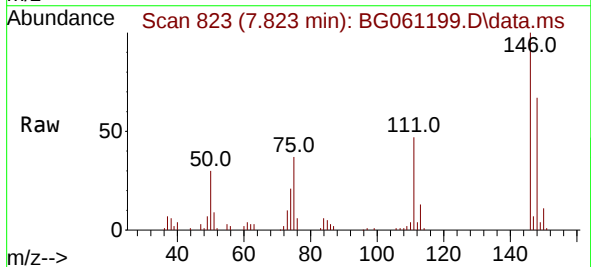
Manual Integrations
APPROVED

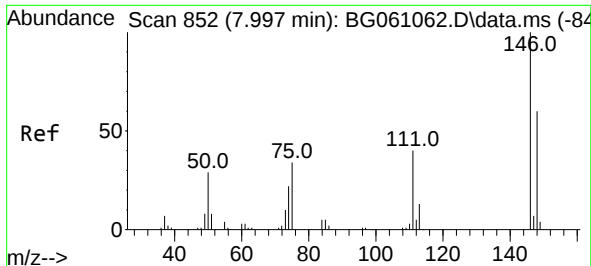
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#12
1,3-Dichlorobenzene
Concen: 37.997 ng
RT: 7.823 min Scan# 823
Delta R.T. -0.033 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Tgt Ion:146 Resp: 65900
Ion Ratio Lower Upper
146 100
148 67.4 48.0 72.0
75 36.8 29.5 44.3





#13

1,4-Dichlorobenzene

Concen: 34.696 ng m

RT: 7.970 min Scan# 84

Delta R.T. -0.027 min

Lab File: BG061199.D

Acq: 15 May 2024 9:59

Instrument :

BNA_G

ClientSampleId :

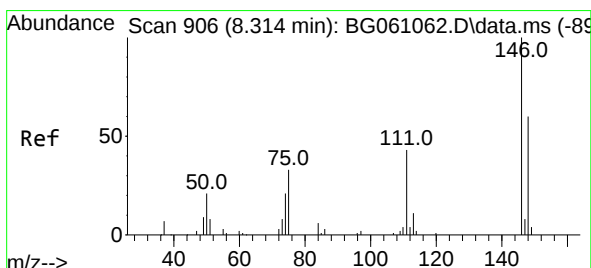
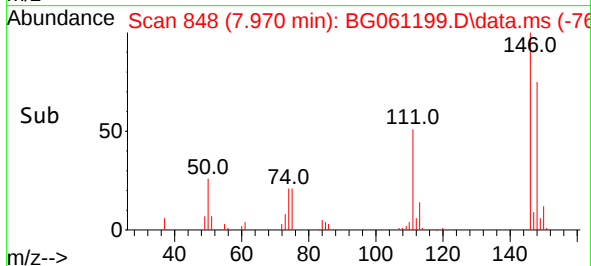
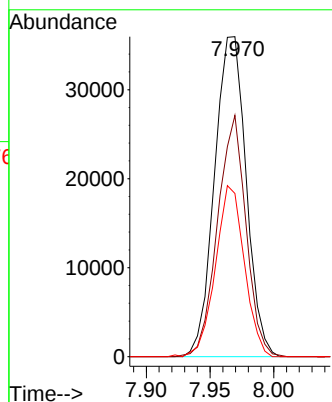
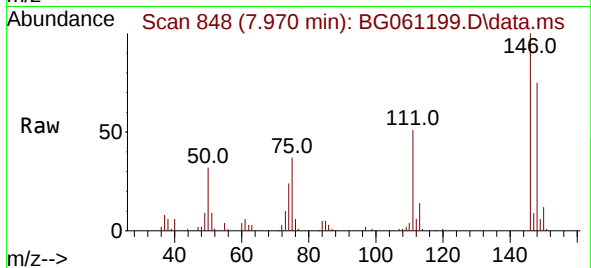
SSTDCCC040

Tgt Ion:146 Resp: 62194
 Ion Ratio Lower Upper
 146 100
 148 75.4 48.1 72.1
 111 51.0 32.5 48.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024
 Supervised By :mohammad ahmed 05/17/2024



#14

1,2-Dichlorobenzene

Concen: 38.300 ng

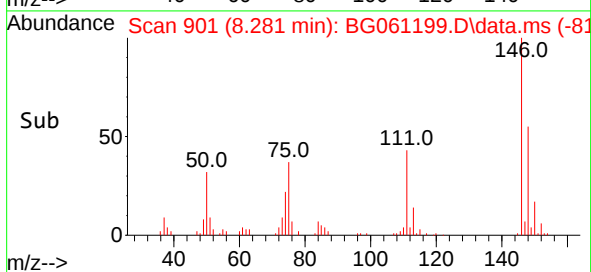
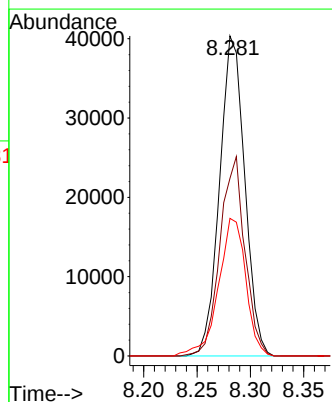
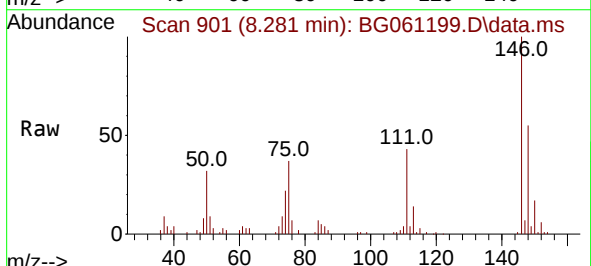
RT: 8.281 min Scan# 901

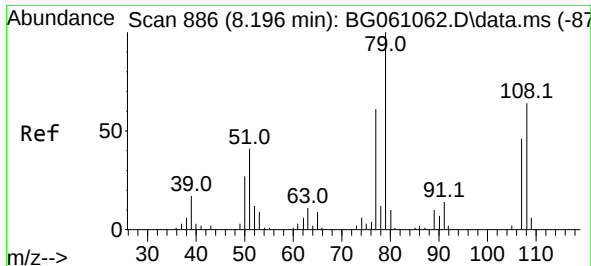
Delta R.T. -0.033 min

Lab File: BG061199.D

Acq: 15 May 2024 9:59

Tgt Ion:146 Resp: 66236
 Ion Ratio Lower Upper
 146 100
 148 55.5 48.2 72.2
 111 43.0 36.2 54.2





#15
Benzyl Alcohol
Concen: 35.443 ng
RT: 8.169 min Scan# 81
Delta R.T. -0.027 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Instrument :

BNA_G

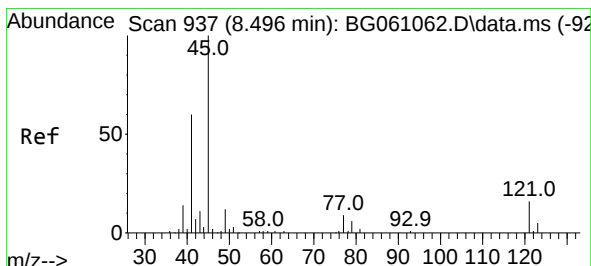
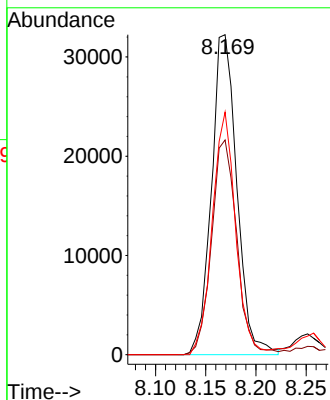
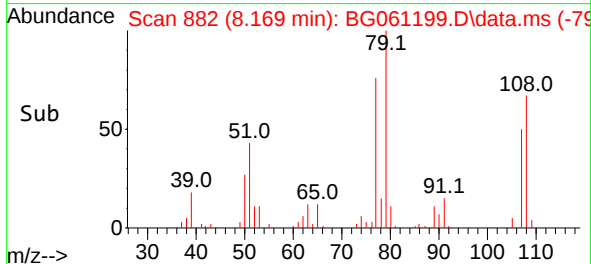
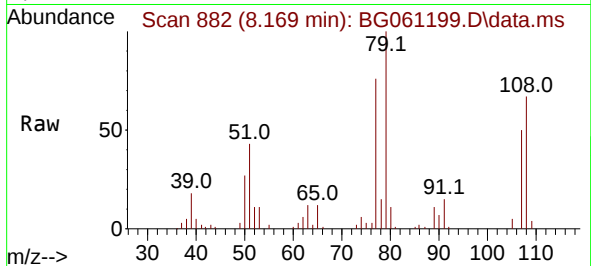
ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 5671
Ion Ratio Lower Upper
79 100
108 67.1 51.1 76.7
77 75.8 49.0 73.6

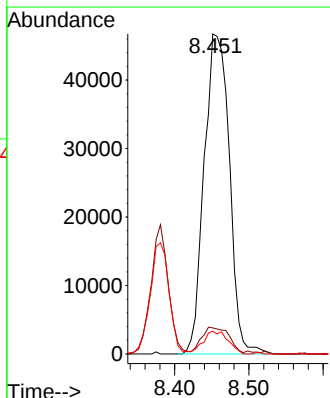
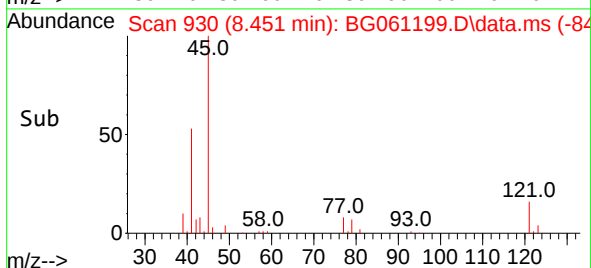
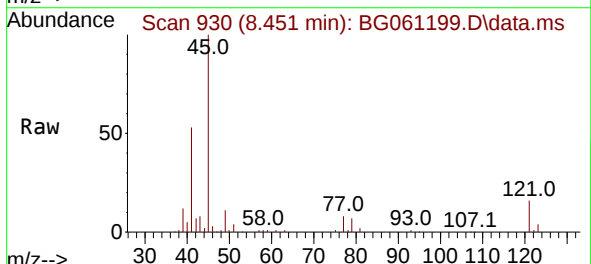
Manual Integrations
APPROVED

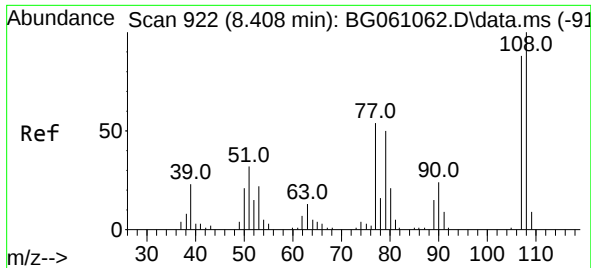
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.836 ng
RT: 8.451 min Scan# 930
Delta R.T. -0.045 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Tgt Ion: 45 Resp: 110431
Ion Ratio Lower Upper
45 100
77 8.2 0.0 30.2
79 7.1 0.0 26.5





#17
2-Methylphenol
Concen: 37.652 ng
RT: 8.381 min Scan# 91
Delta R.T. -0.027 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Instrument :

BNA_G

ClientSampleId :

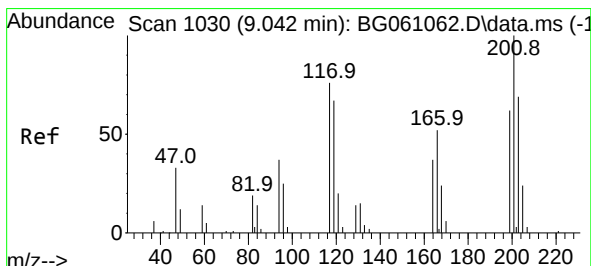
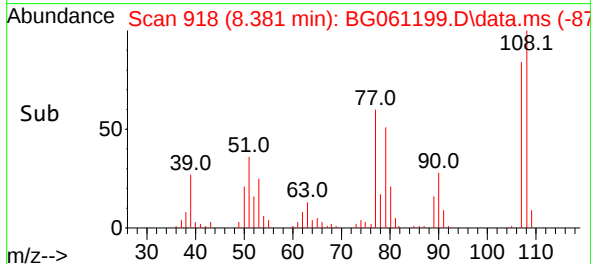
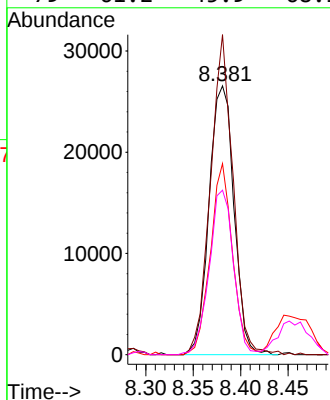
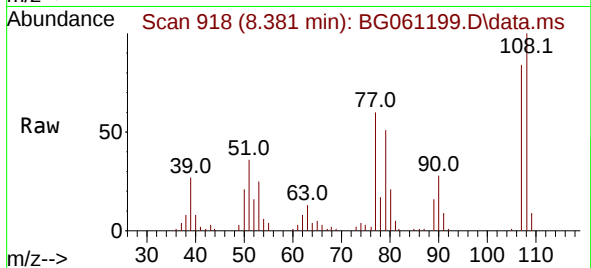
SSTDCCC040

Tgt Ion:	107	Resp:	48400
Ion Ratio	Lower	Upper	
107	100		
108	119.0	91.4	137.2
77	71.1	49.4	74.2
79	61.2	45.9	68.9

Manual Integrations

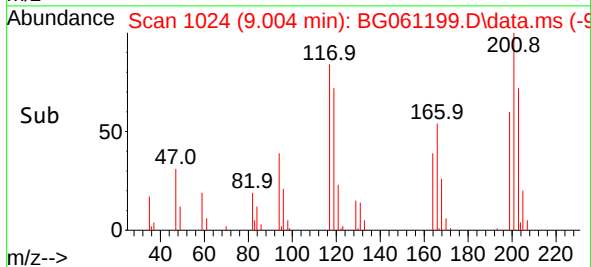
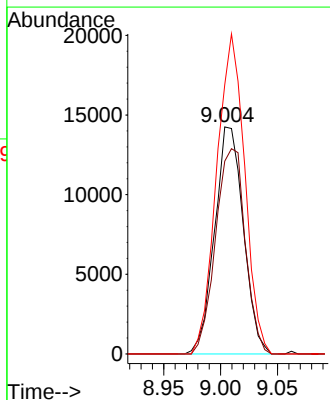
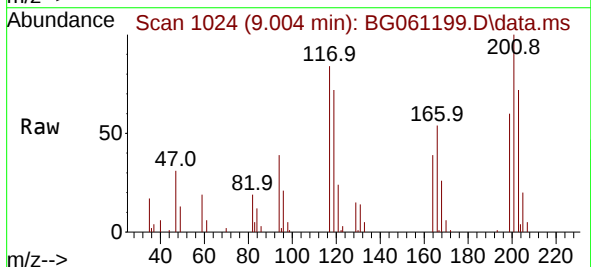
APPROVED

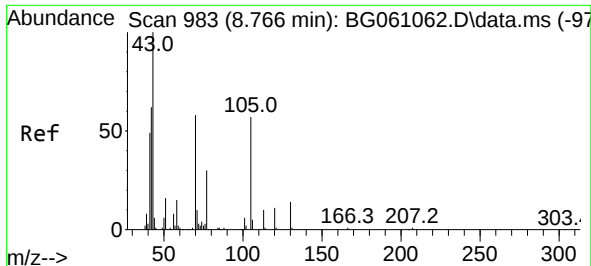
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#18
Hexachloroethane
Concen: 39.118 ng
RT: 9.004 min Scan# 1024
Delta R.T. -0.039 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Tgt Ion:	117	Resp:	25020
Ion Ratio	Lower	Upper	
117	100		
119	84.9	71.4	107.0
201	118.6	105.8	158.8





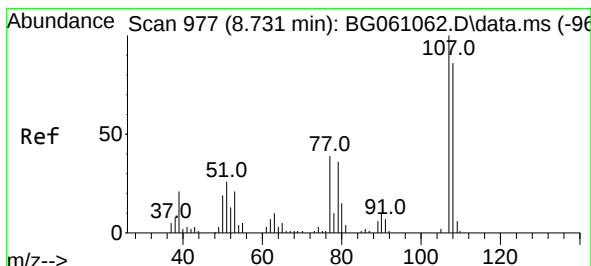
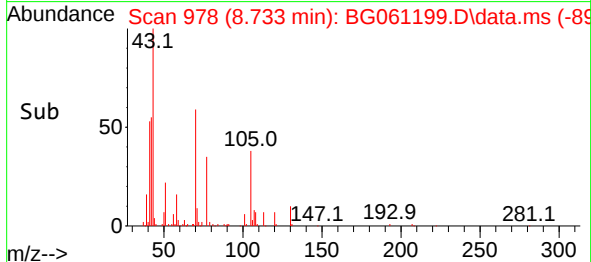
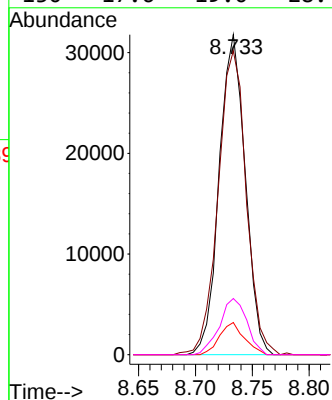
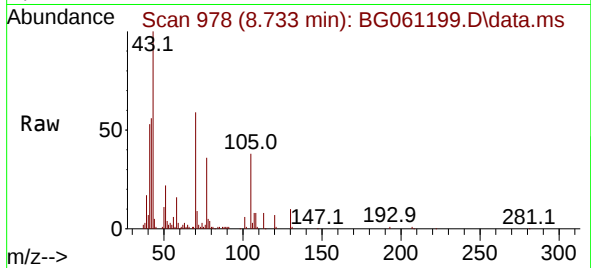
#19
n-Nitroso-di-n-propylamine
Concen: 38.121 ng
RT: 8.733 min Scan# 91
Delta R.T. -0.033 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 50608
Ion Ratio Lower Upper
70 100
42 94.9 86.4 129.6
101 10.0 7.8 11.8
130 17.6 19.0 28.4#

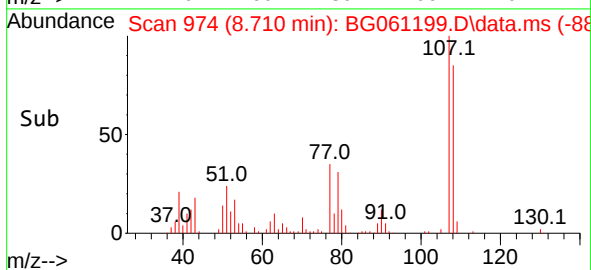
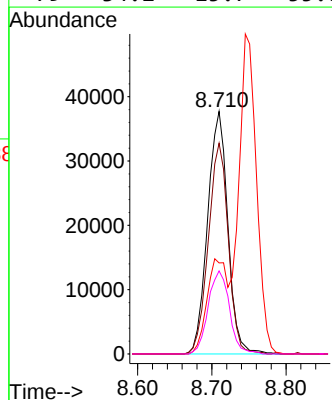
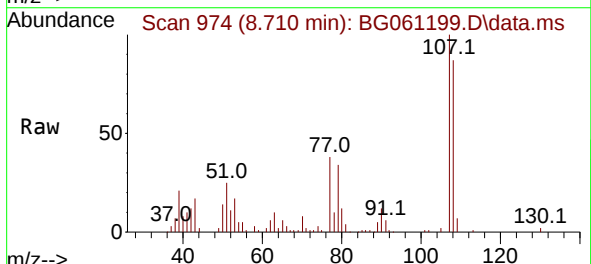
Manual Integrations
APPROVED

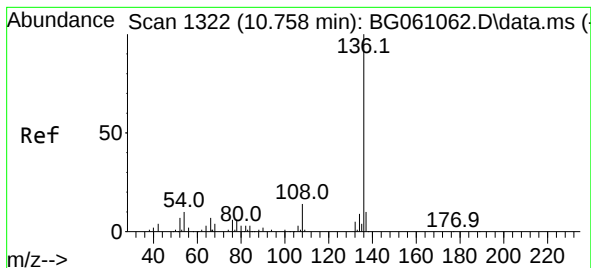
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#20
3+4-Methylphenols
Concen: 38.515 ng
RT: 8.710 min Scan# 974
Delta R.T. -0.021 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Tgt Ion:107 Resp: 71438
Ion Ratio Lower Upper
107 100
108 86.9 65.7 105.7
77 37.6 19.4 59.4
79 34.2 15.7 55.7





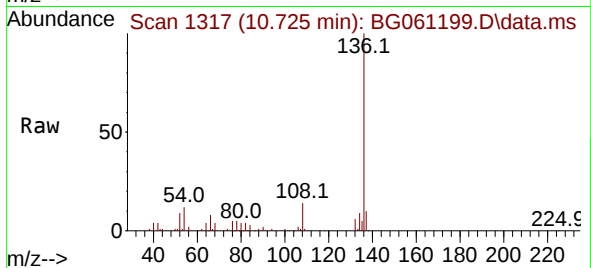
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 111
Delta R.T. -0.033 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

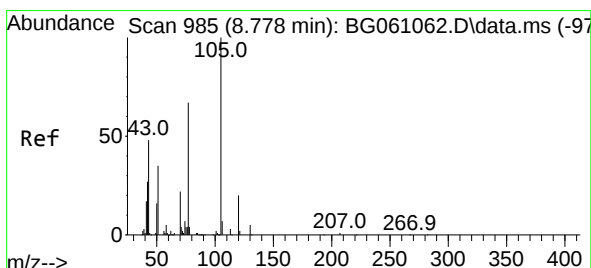
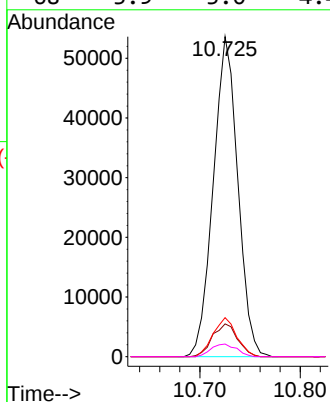
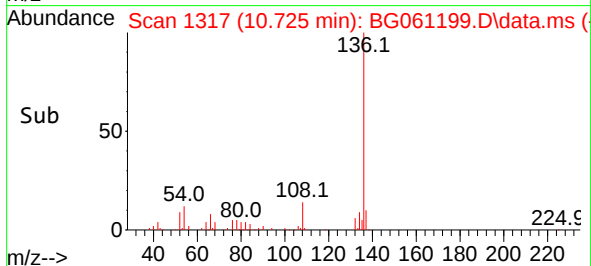


Tgt Ion:136 Resp: 90927
Ion Ratio Lower Upper
136 100
137 10.3 7.8 11.6
54 12.2 8.1 12.1
68 3.9 3.0 4.4

Manual Integrations

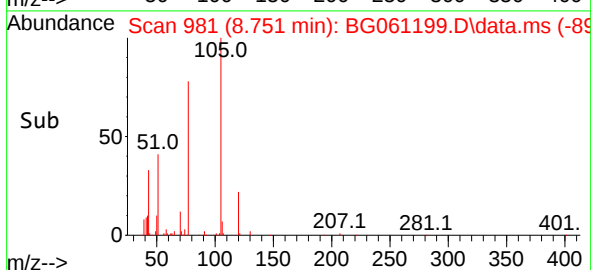
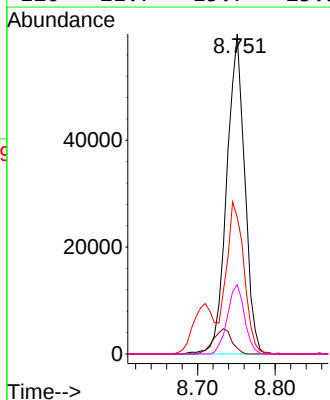
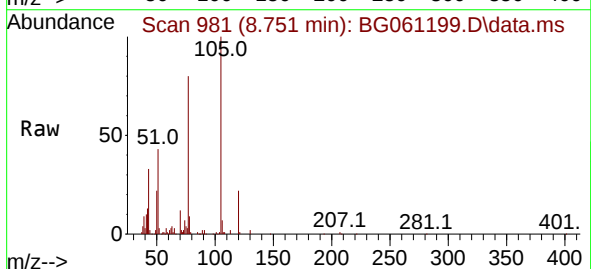
APPROVED

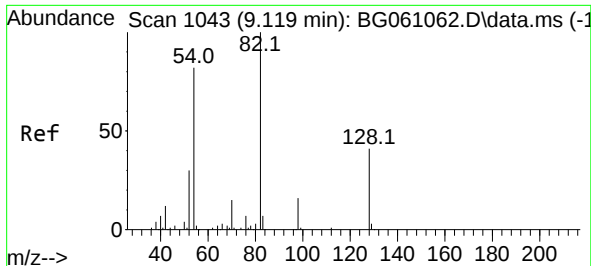
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#22
Acetophenone
Concen: 42.747 ng
RT: 8.751 min Scan# 981
Delta R.T. -0.027 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Tgt Ion:105 Resp: 96798
Ion Ratio Lower Upper
105 100
71 1.9 3.3 4.9#
51 42.7 36.7 55.1
120 21.7 15.7 23.5





#23

Nitrobenzene-d5

Concen: 86.691 ng

RT: 9.086 min Scan# 1038

Delta R.T. -0.033 min

Lab File: BG061199.D

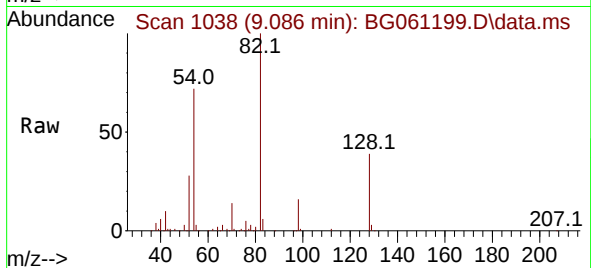
Acq: 15 May 2024 9:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

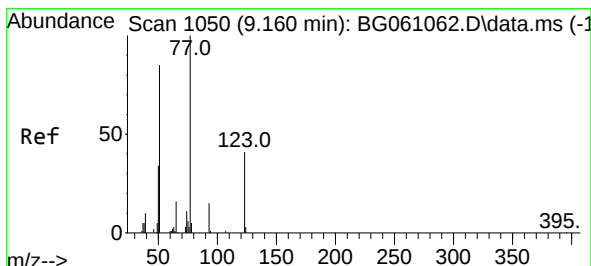
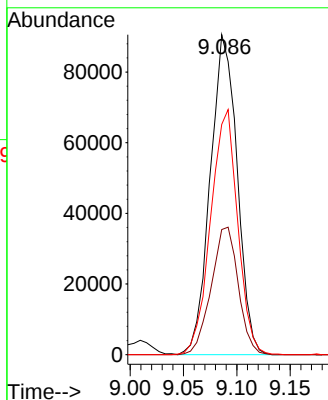
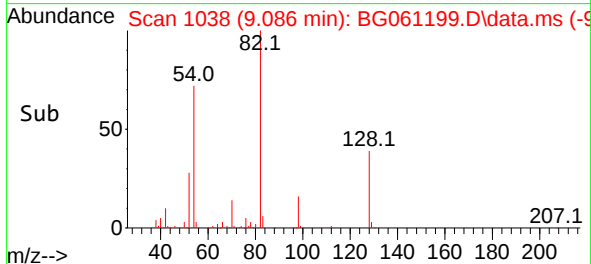


Tgt Ion:	82	Resp:	15901
Ion Ratio	Lower	Upper	
82	100		
128	39.1	32.7	49.1
54	71.9	65.6	98.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#24

Nitrobenzene

Concen: 43.349 ng

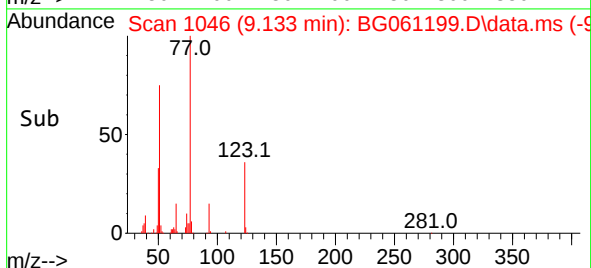
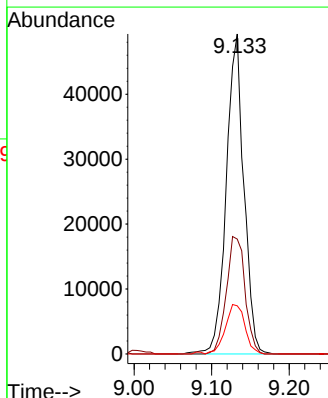
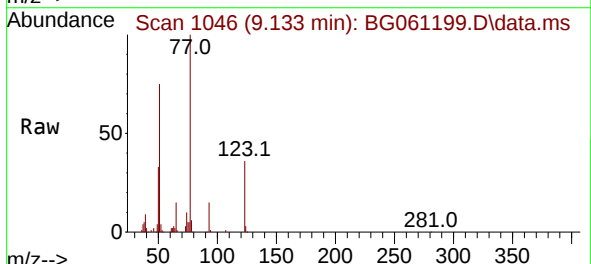
RT: 9.133 min Scan# 1046

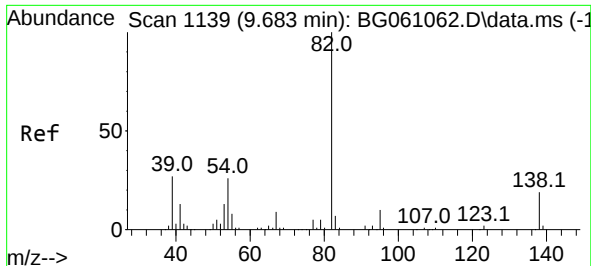
Delta R.T. -0.027 min

Lab File: BG061199.D

Acq: 15 May 2024 9:59

Tgt Ion:	77	Resp:	77785
Ion Ratio	Lower	Upper	
77	100		
123	35.9	33.1	49.7
65	15.0	13.1	19.7





#25
Isophorone
Concen: 38.415 ng
RT: 9.656 min Scan# 1135
Delta R.T. -0.027 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Instrument :

BNA_G

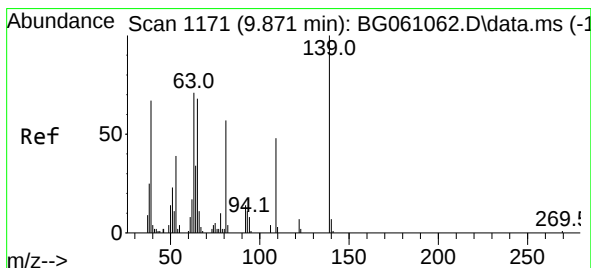
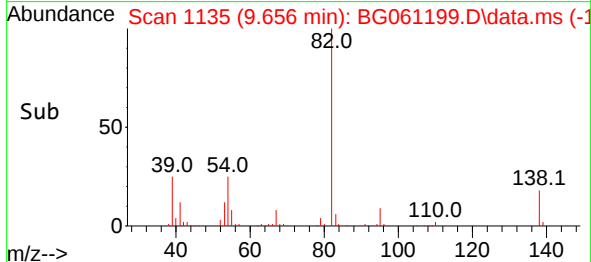
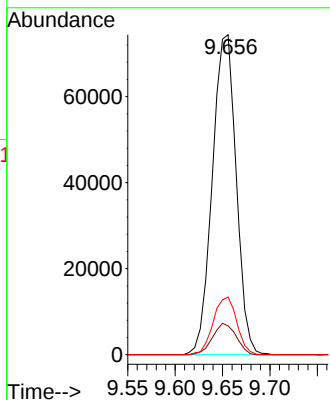
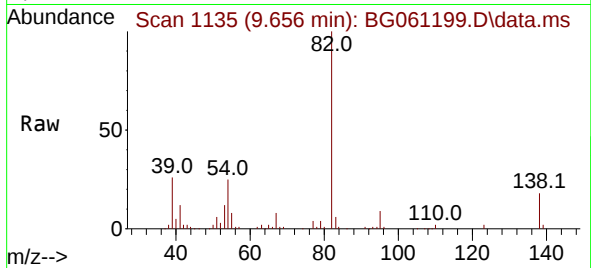
ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 13025
Ion Ratio Lower Upper
82 100
95 9.0 8.3 12.5
138 18.0 15.2 22.8

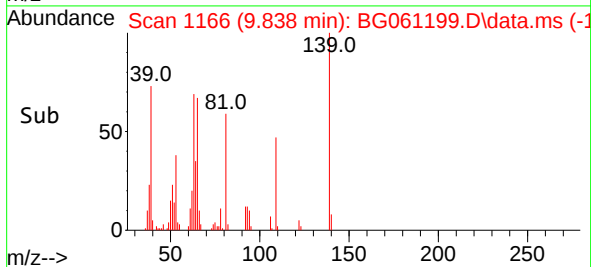
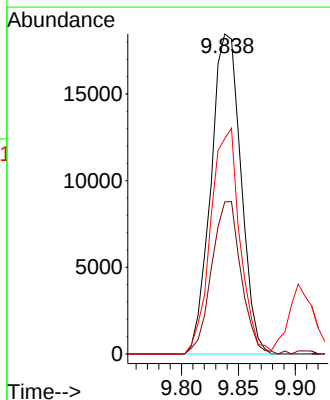
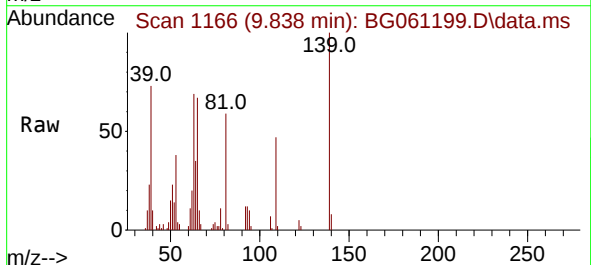
Manual Integrations
APPROVED

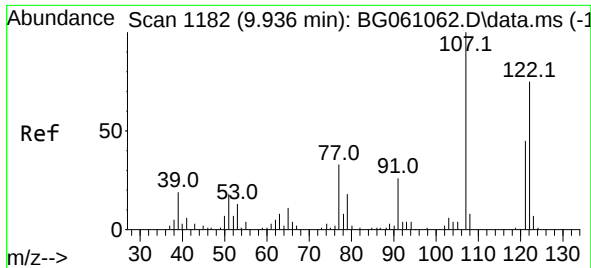
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#26
2-Nitrophenol
Concen: 39.802 ng
RT: 9.838 min Scan# 1166
Delta R.T. -0.033 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Tgt Ion:139 Resp: 33838
Ion Ratio Lower Upper
139 100
109 47.5 38.5 57.7
65 67.3 54.5 81.7





#27

2,4-Dimethylphenol

Concen: 39.495 ng

RT: 9.903 min Scan# 1182

Delta R.T. -0.033 min

Lab File: BG061199.D

Acq: 15 May 2024 9:59

Instrument :

BNA_G

ClientSampleId :

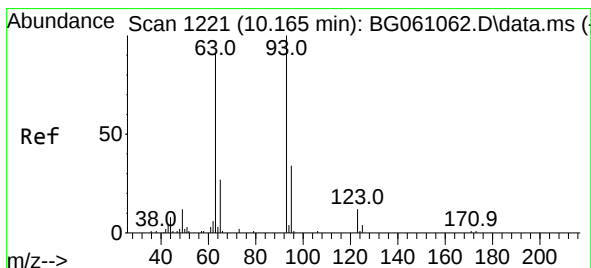
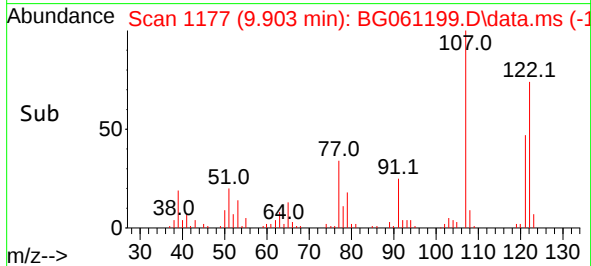
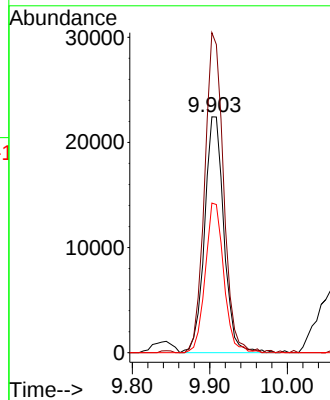
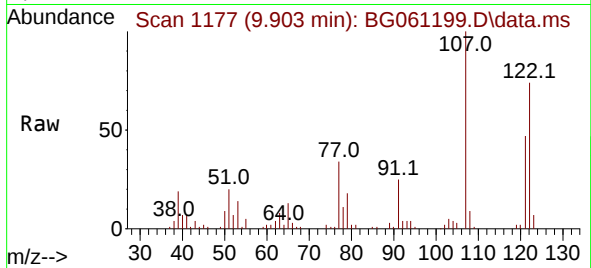
SSTDCCC040

Tgt Ion:122 Resp: 3871
 Ion Ratio Lower Upper
 122 100
 107 135.7 106.9 160.3
 121 63.4 48.5 72.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024
 Supervised By :mohammad ahmed 05/17/2024



#28

bis(2-Chloroethoxy)methane

Concen: 40.860 ng

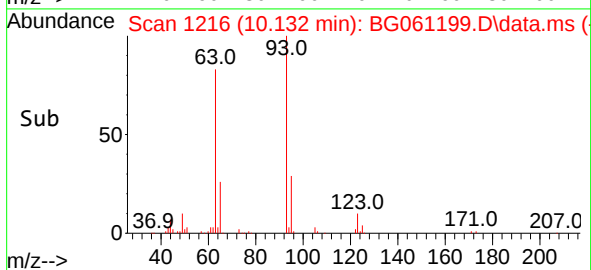
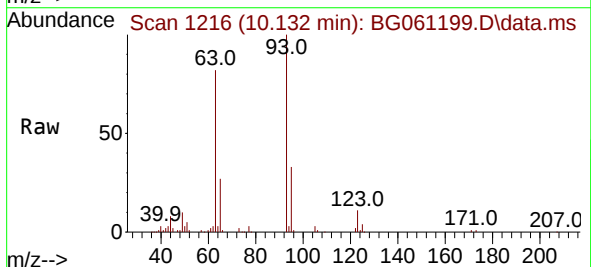
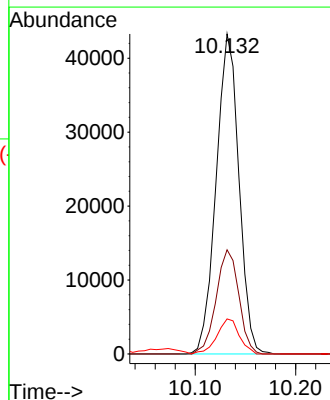
RT: 10.132 min Scan# 1216

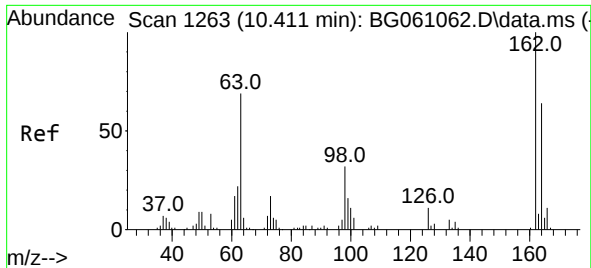
Delta R.T. -0.033 min

Lab File: BG061199.D

Acq: 15 May 2024 9:59

Tgt Ion: 93 Resp: 67992
 Ion Ratio Lower Upper
 93 100
 95 32.5 27.4 41.0
 123 10.9 9.7 14.5





#29
2,4-Dichlorophenol
Concen: 38.970 ng
RT: 10.384 min Scan# 1259
Delta R.T. -0.027 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Instrument :

BNA_G

ClientSampleId :

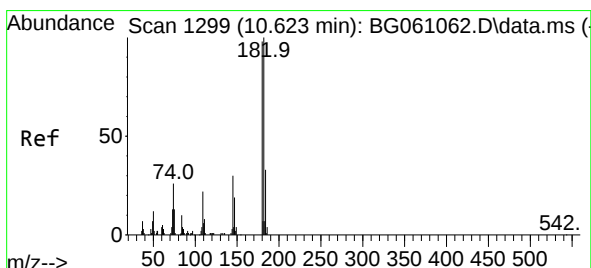
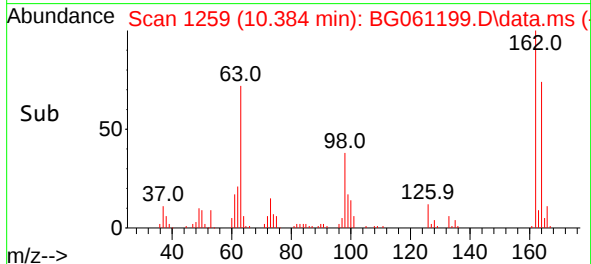
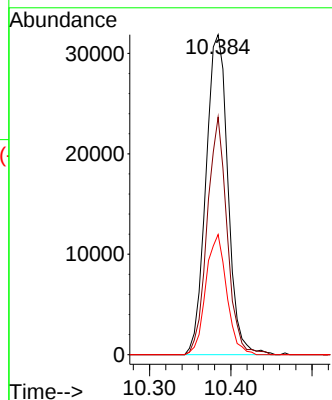
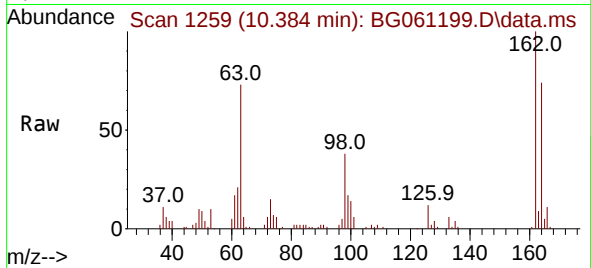
SSTDCCC040

Tgt Ion:162 Resp: 5984
Ion Ratio Lower Upper
162 100
164 74.3 43.6 83.6
98 37.6 12.3 52.3

Manual Integrations

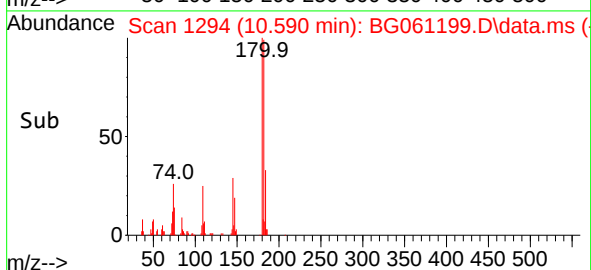
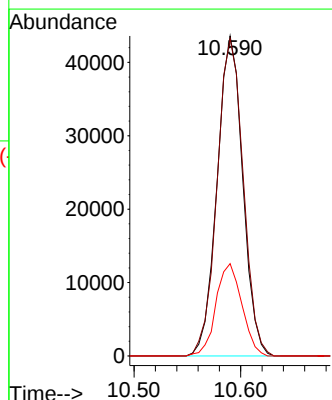
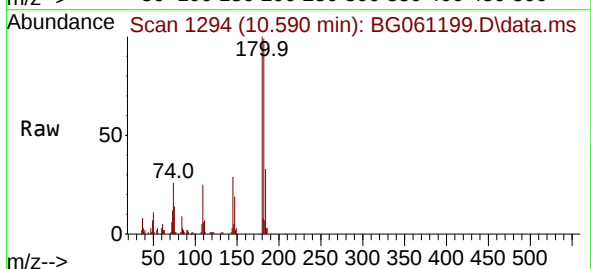
APPROVED

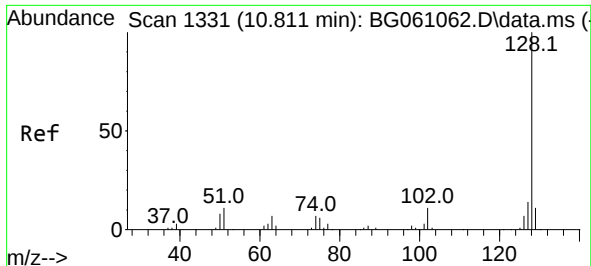
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#30
1,2,4-Trichlorobenzene
Concen: 39.315 ng
RT: 10.590 min Scan# 1294
Delta R.T. -0.033 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Tgt Ion:180 Resp: 72750
Ion Ratio Lower Upper
180 100
182 99.1 81.7 122.5
145 28.8 24.5 36.7





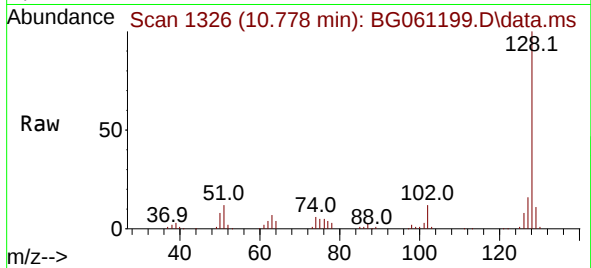
#31
Naphthalene
Concen: 38.496 ng
RT: 10.778 min Scan# 11
Delta R.T. -0.033 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

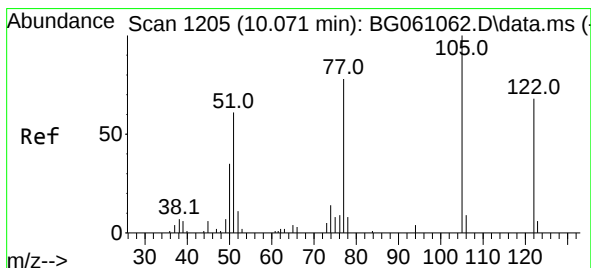
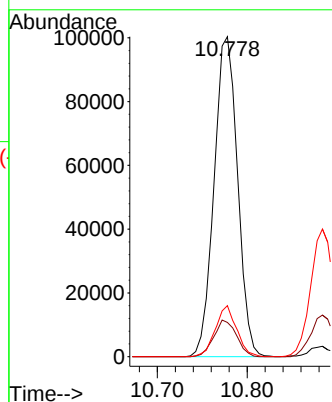


Tgt Ion:128 Resp: 181919
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 16.0 11.1 16.7

Manual Integrations

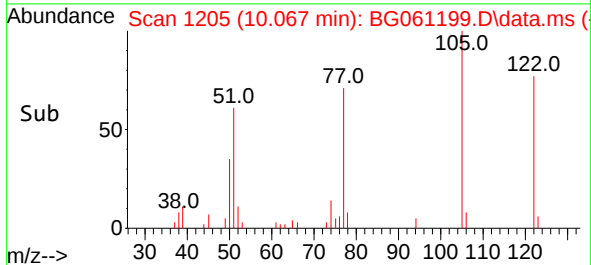
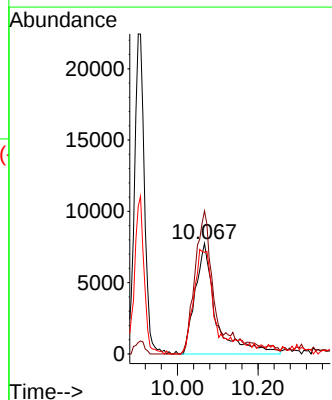
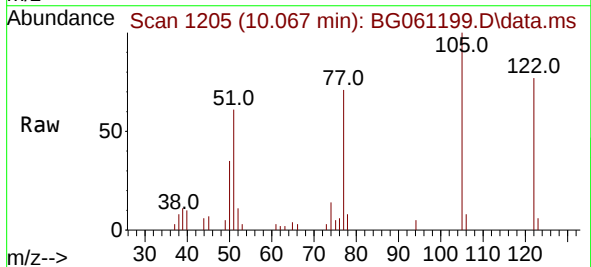
APPROVED

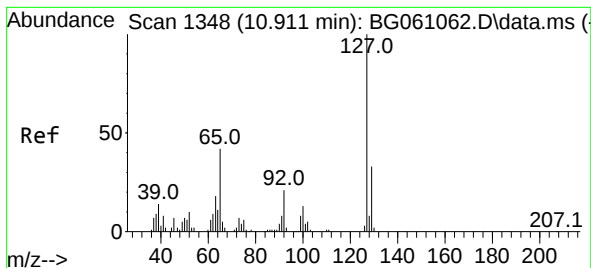
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#32
Benzoic acid
Concen: 24.409 ng m
RT: 10.067 min Scan# 1205
Delta R.T. -0.004 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Tgt Ion:122 Resp: 27657
Ion Ratio Lower Upper
122 100
105 129.5 123.3 163.3
77 92.0 93.2 133.2#





#33
4-Chloroaniline
Concen: 38.119 ng
RT: 10.884 min Scan# 111
Delta R.T. -0.027 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Instrument :

BNA_G

ClientSampleId :

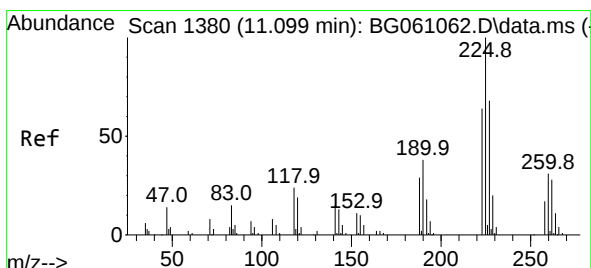
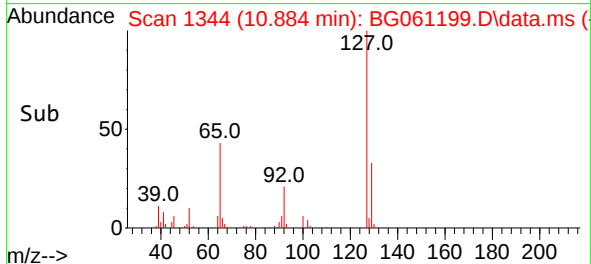
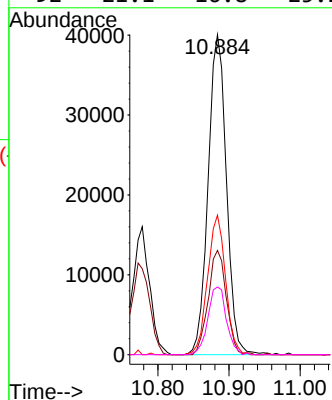
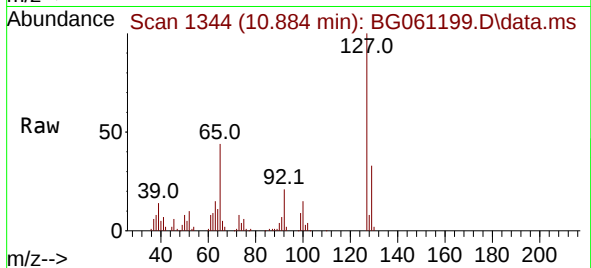
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	39.8
65	43.6	33.6	50.4
92	21.1	16.8	25.2

Manual Integrations

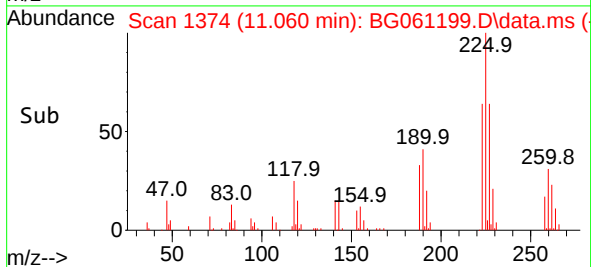
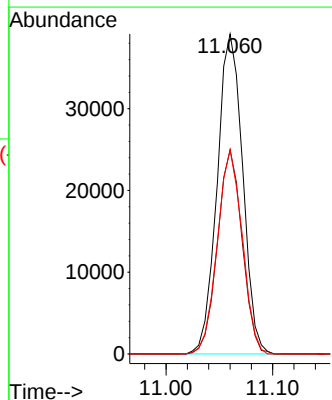
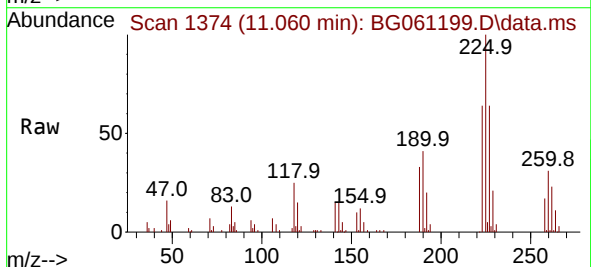
APPROVED

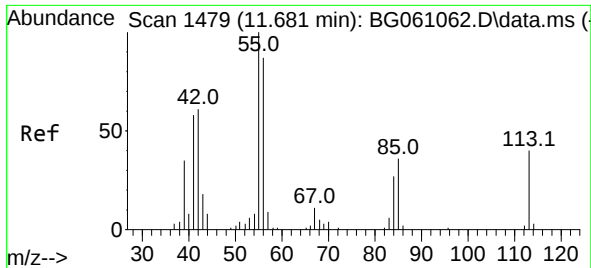
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#34
Hexachlorobutadiene
Concen: 40.945 ng
RT: 11.060 min Scan# 1374
Delta R.T. -0.039 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

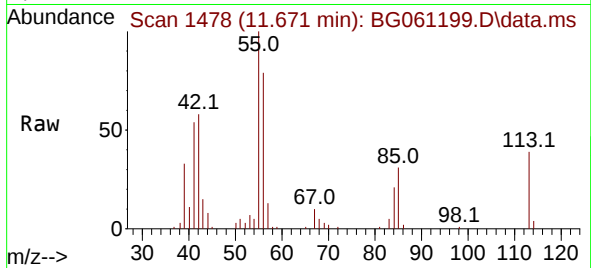
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.0	76.4
227	63.9	54.6	82.0





#35
Caprolactam
Concen: 34.501 ng
RT: 11.671 min Scan# 1478
Delta R.T. -0.009 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

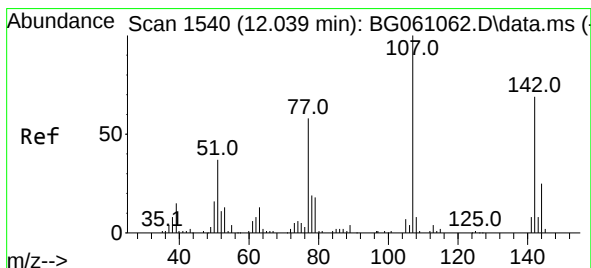
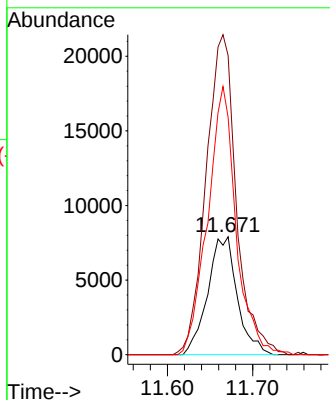
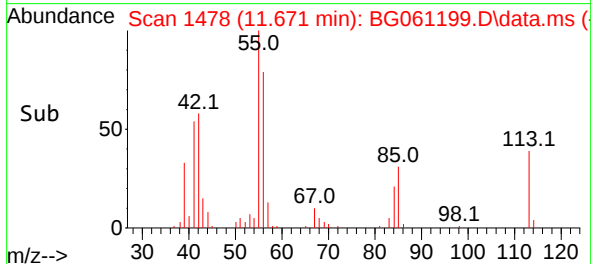
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



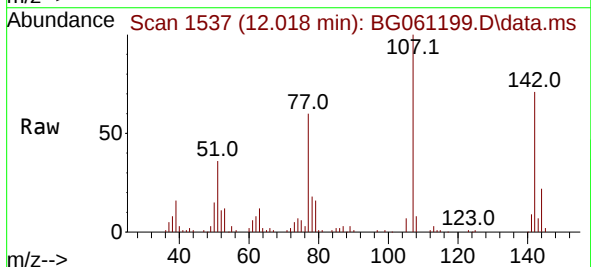
Tgt Ion:113 Resp: 1908
Ion Ratio Lower Upper
113 100
55 253.7 227.6 267.6
56 201.3 195.1 235.1

Manual Integrations
APPROVED

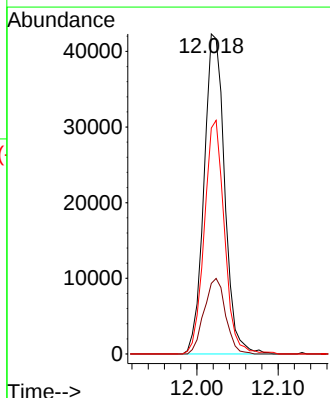
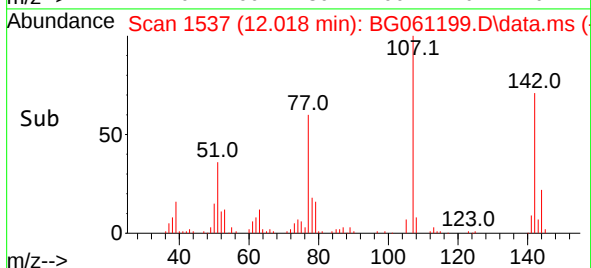
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024

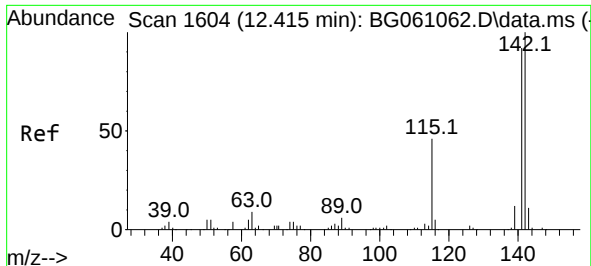


#36
4-Chloro-3-methylphenol
Concen: 40.180 ng
RT: 12.018 min Scan# 1537
Delta R.T. -0.021 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59



Tgt Ion:107 Resp: 74407
Ion Ratio Lower Upper
107 100
144 22.0 20.2 30.4
142 70.6 55.6 83.4





#37
2-Methylnaphthalene
Concen: 38.710 ng
RT: 12.382 min Scan# 11
Delta R.T. -0.033 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Instrument :

BNA_G

ClientSampleId :

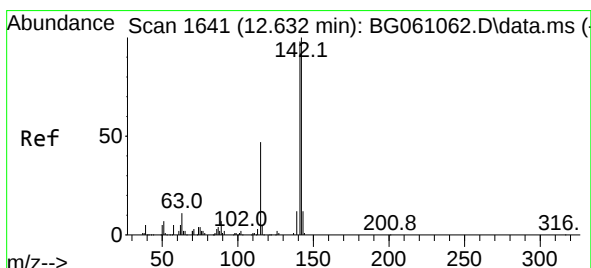
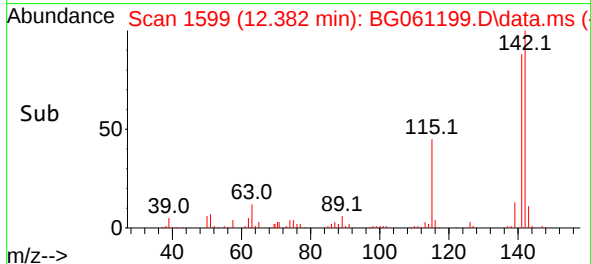
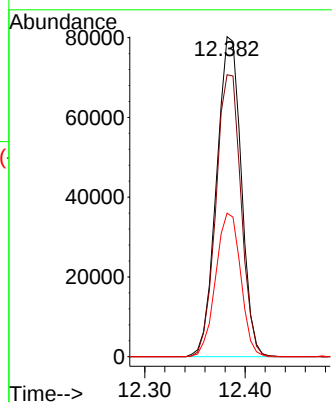
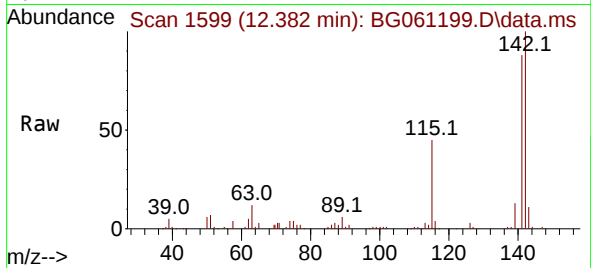
SSTDCCC040

Tgt Ion:142 Resp: 13708
Ion Ratio Lower Upper
142 100
141 88.1 73.8 110.8
115 44.8 36.9 55.3

Manual Integrations

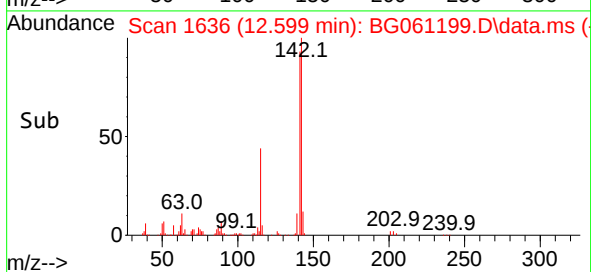
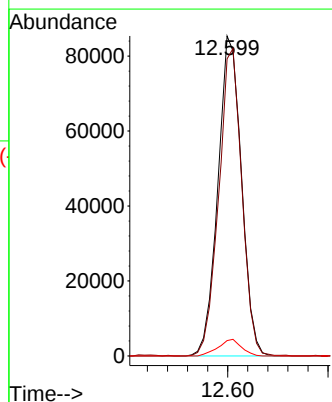
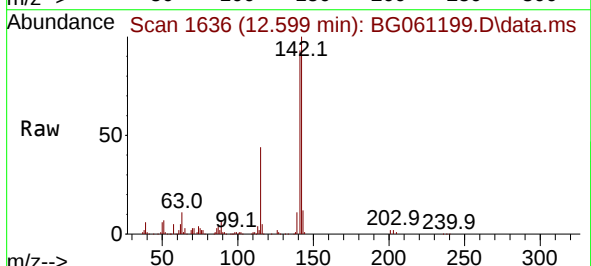
APPROVED

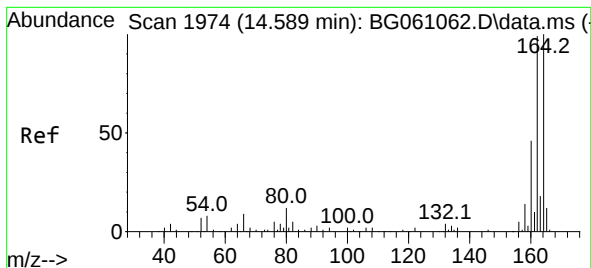
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#38
1-Methylnaphthalene
Concen: 38.927 ng
RT: 12.599 min Scan# 1636
Delta R.T. -0.033 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Tgt Ion:142 Resp: 138777
Ion Ratio Lower Upper
142 100
141 92.8 78.4 117.6
116 4.8 4.3 6.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.562 min Scan# 1970

Delta R.T. -0.027 min

Lab File: BG061199.D

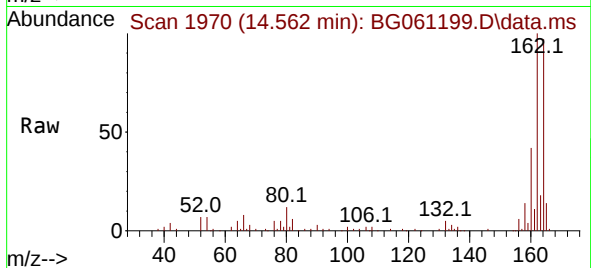
Acq: 15 May 2024 9:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 76118

Ion Ratio Lower Upper

164 100

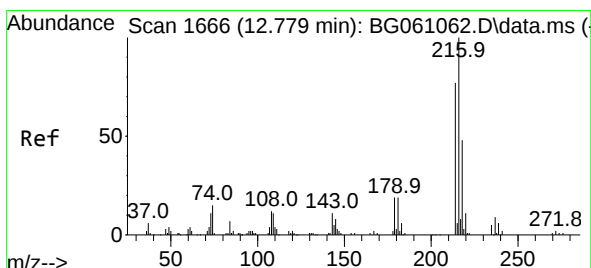
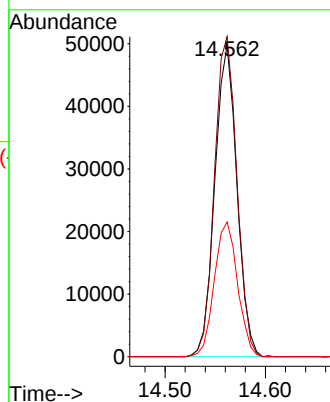
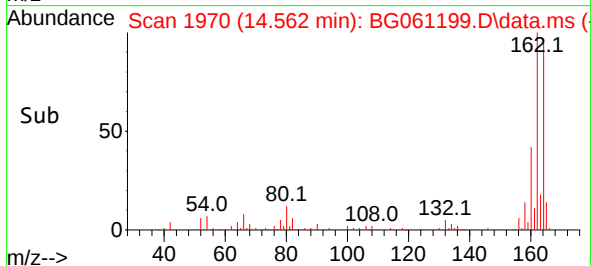
162 102.7 79.4 119.2

160 43.2 37.0 55.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.077 ng

RT: 12.752 min Scan# 1662

Delta R.T. -0.027 min

Lab File: BG061199.D

Acq: 15 May 2024 9:59

Tgt Ion:216 Resp: 109429

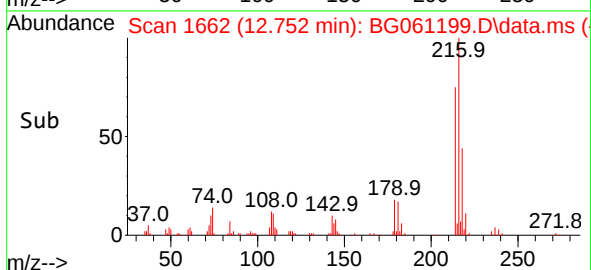
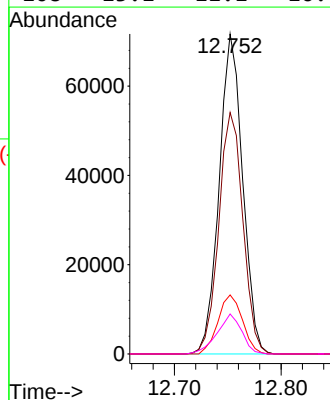
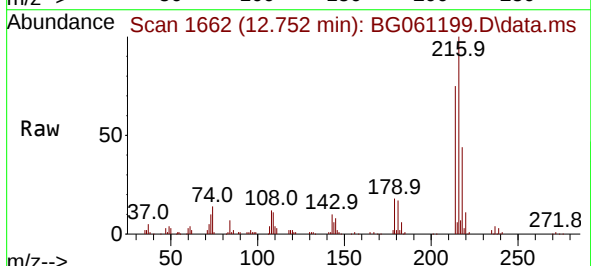
Ion Ratio Lower Upper

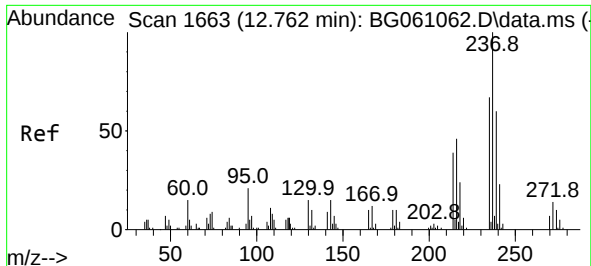
216 100

214 77.6 64.2 96.2

179 19.3 15.4 23.2

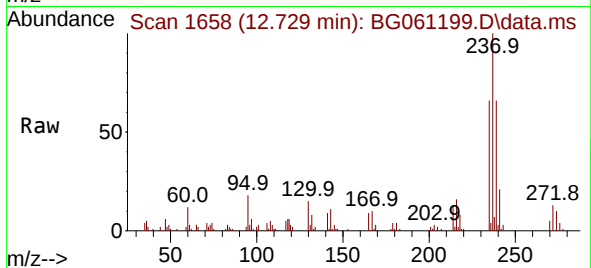
108 13.1 11.1 16.7





#41
Hexachlorocyclopentadiene
Concen: 43.576 ng
RT: 12.729 min Scan# 1658
Delta R.T. -0.033 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

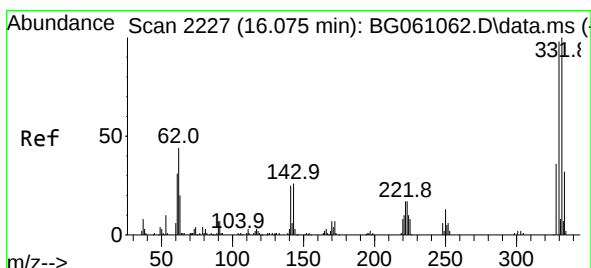
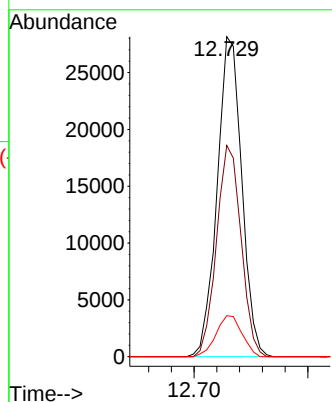
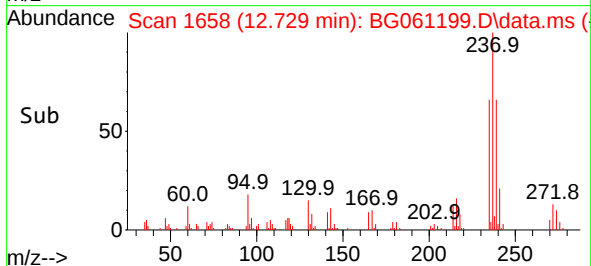
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 237 Resp: 42370
Ion Ratio Lower Upper
237 100
235 66.0 46.5 86.5
272 12.8 0.0 33.9

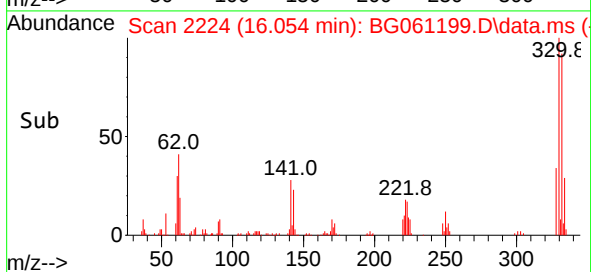
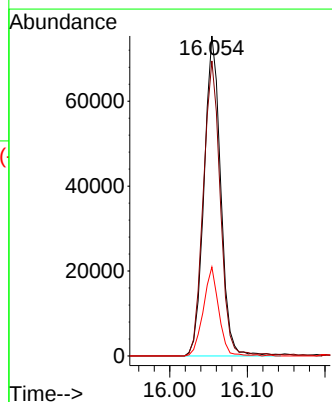
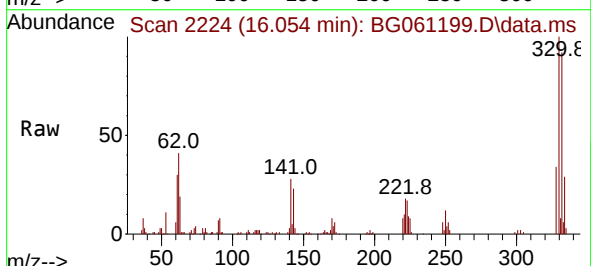
Manual Integrations
APPROVED

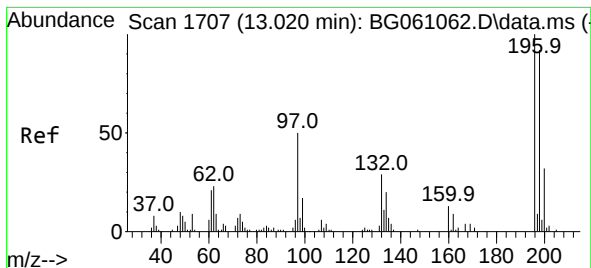
Reviewed By : Jagrut Upadhyay 05/16/2024
Supervised By : mohammad ahmed 05/17/2024



#42
2,4,6-Tribromophenol
Concen: 73.638 ng
RT: 16.054 min Scan# 2224
Delta R.T. -0.021 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Tgt Ion: 330 Resp: 112038
Ion Ratio Lower Upper
330 100
332 93.6 78.6 117.8
141 25.8 20.5 30.7





#43

2,4,6-Trichlorophenol

Concen: 39.154 ng

RT: 12.999 min Scan# 1

Delta R.T. -0.021 min

Lab File: BG061199.D

Acq: 15 May 2024 9:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

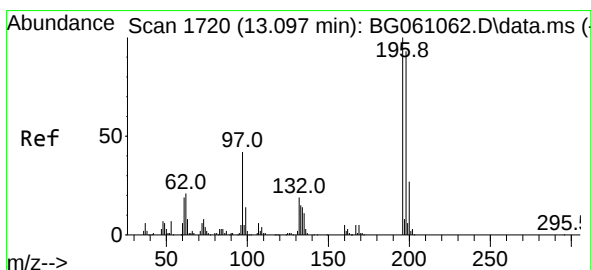
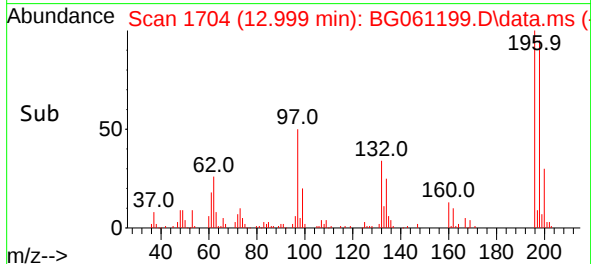
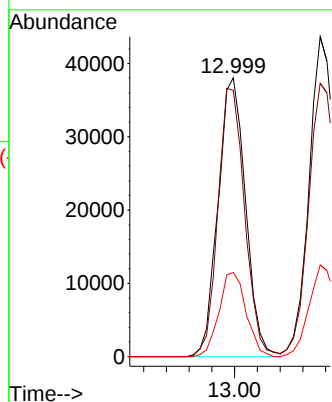
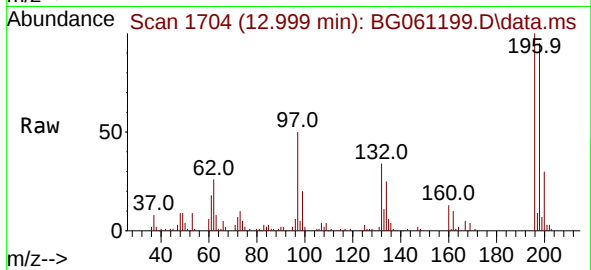
Tgt Ion:196 Resp: 6385

Ion	Ratio	Lower	Upper
196	100		
198	95.4	73.8	110.6
200	30.2	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#44

2,4,5-Trichlorophenol

Concen: 39.494 ng

RT: 13.075 min Scan# 1717

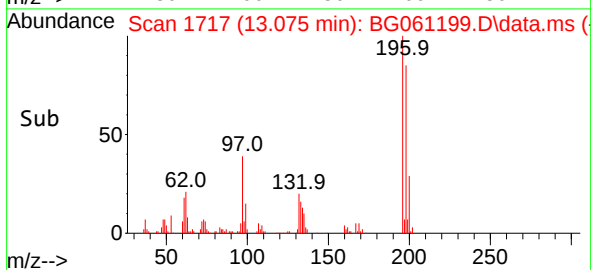
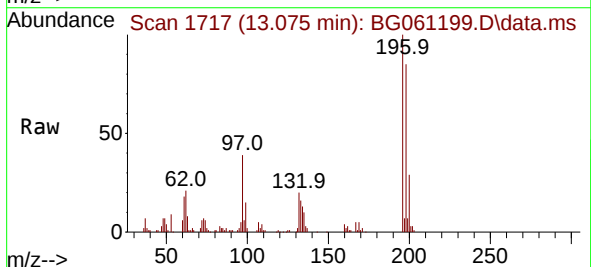
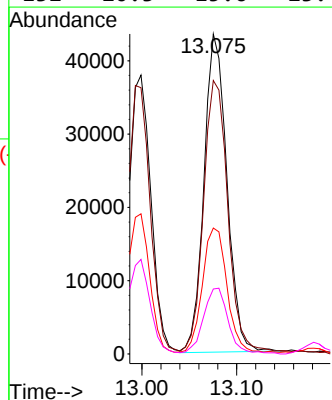
Delta R.T. -0.021 min

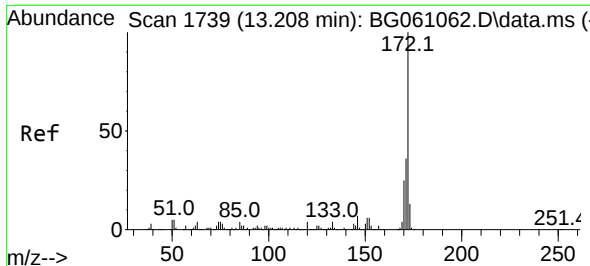
Lab File: BG061199.D

Acq: 15 May 2024 9:59

Tgt Ion:196 Resp: 72898

Ion	Ratio	Lower	Upper
196	100		
198	85.5	74.3	111.5
97	39.4	33.6	50.4
132	20.3	15.6	23.4





#45
2-Fluorobiphenyl
Concen: 82.855 ng
RT: 13.181 min Scan# 1735
Delta R.T. -0.027 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Instrument :

BNA_G

ClientSampleId :

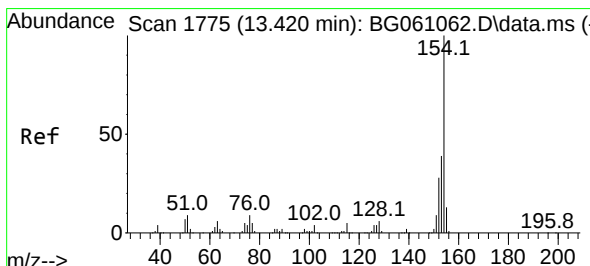
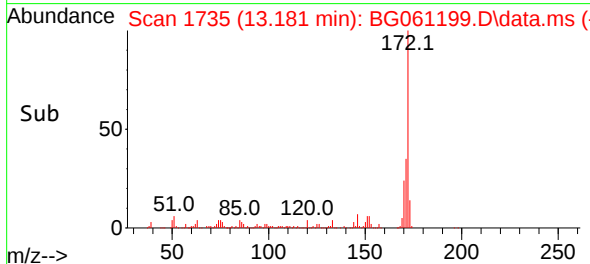
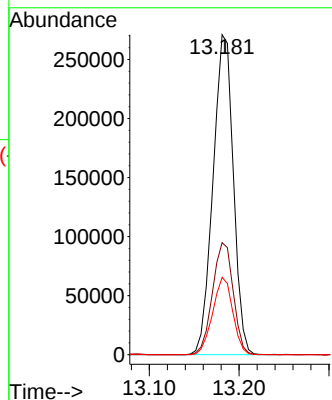
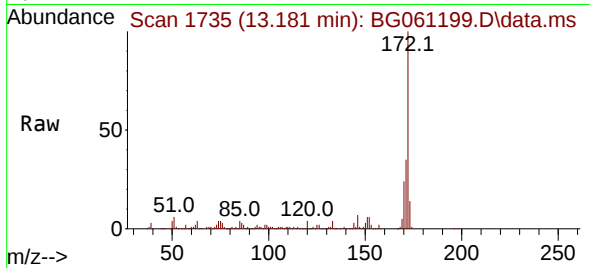
SSTDCCC040

Tgt Ion:172 Resp: 426504
Ion Ratio Lower Upper
172 100
171 35.0 29.0 43.6
170 24.1 20.2 30.4

Manual Integrations

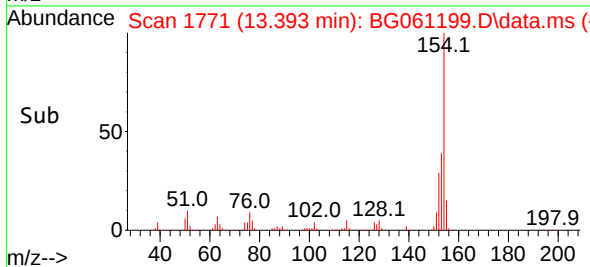
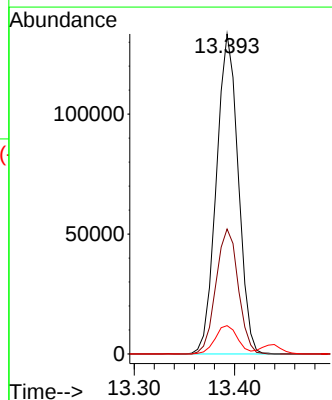
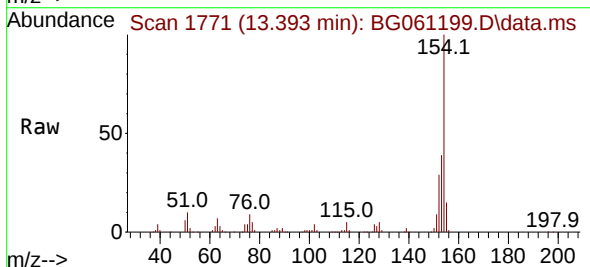
APPROVED

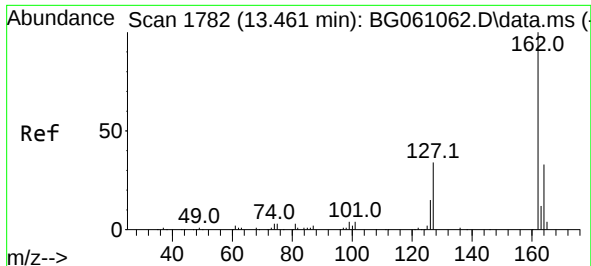
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#46
1,1'-Biphenyl
Concen: 41.256 ng
RT: 13.393 min Scan# 1771
Delta R.T. -0.027 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Tgt Ion:154 Resp: 201351
Ion Ratio Lower Upper
154 100
153 39.1 19.3 59.3
76 8.9 0.0 28.8





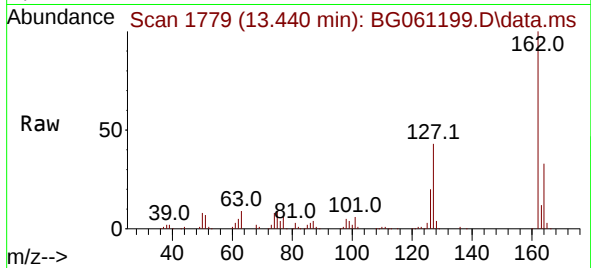
#47
2-Chloronaphthalene
Concen: 40.383 ng
RT: 13.440 min Scan# 11
Delta R.T. -0.021 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

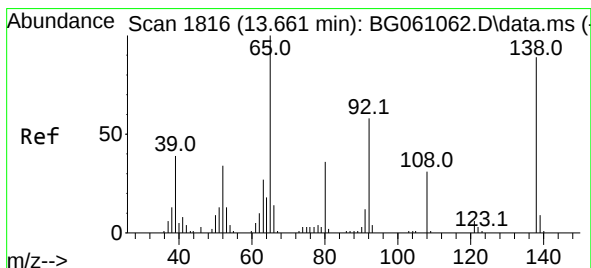
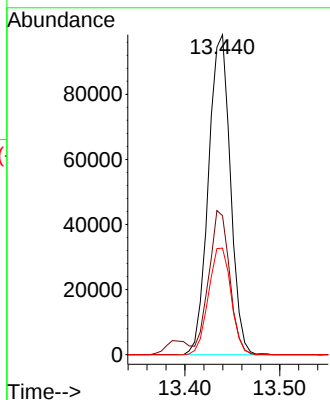
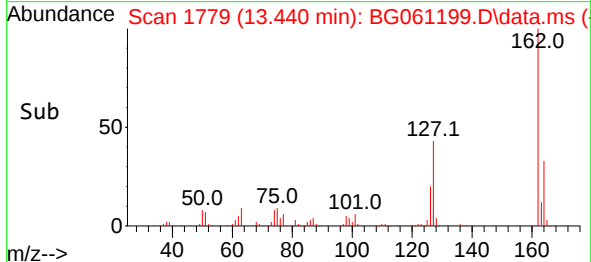


Tgt Ion:162 Resp: 15782
Ion Ratio Lower Upper
162 100
127 43.5 30.7 46.1
164 33.3 26.8 40.2

Manual Integrations

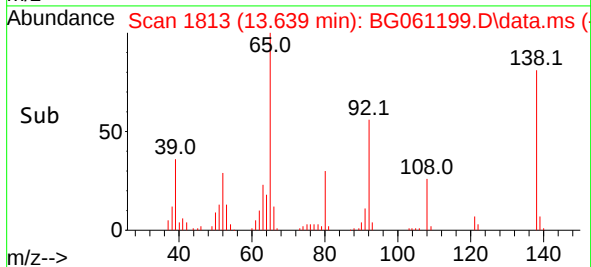
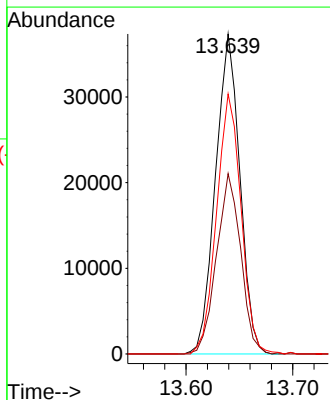
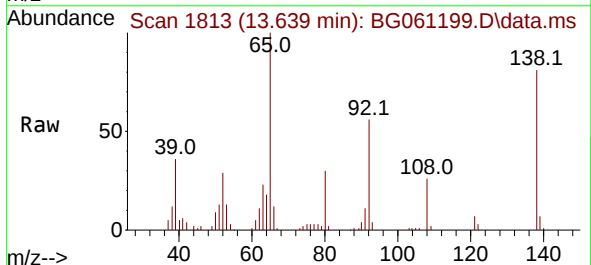
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Supervised By :mohammad ahmed 05/17/2024



#48
2-Nitroaniline
Concen: 40.835 ng
RT: 13.639 min Scan# 1813
Delta R.T. -0.021 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Tgt Ion: 65 Resp: 59219
Ion Ratio Lower Upper
65 100
92 56.4 46.7 70.1
138 81.3 71.4 107.2





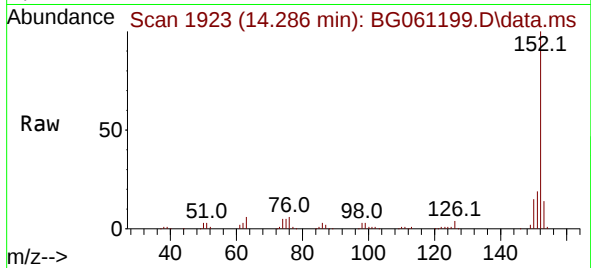
#49
Acenaphthylene
Concen: 38.911 ng
RT: 14.286 min Scan# 1923
Delta R.T. -0.021 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

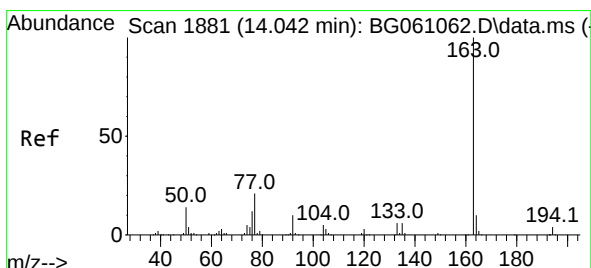
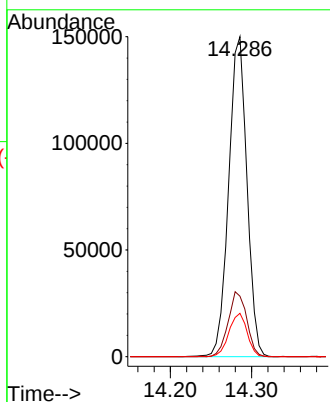
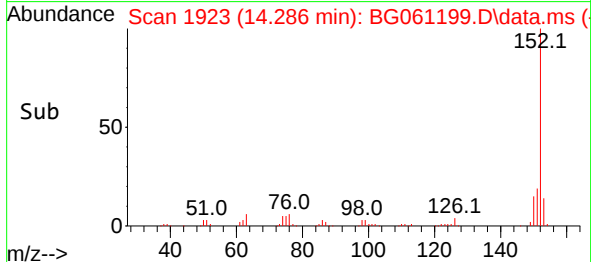


Tgt Ion:152 Resp: 233562
Ion Ratio Lower Upper
152 100
151 18.9 16.9 25.3
153 13.6 10.6 15.8

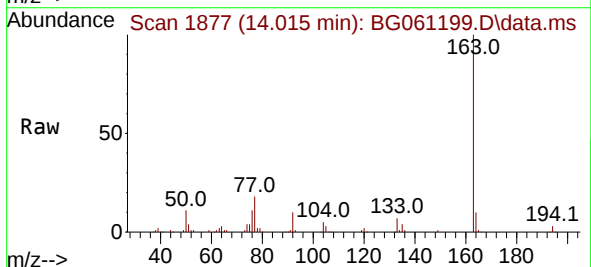
Manual Integrations

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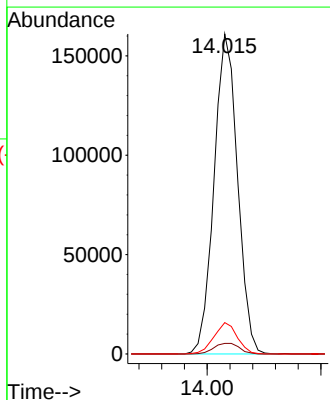
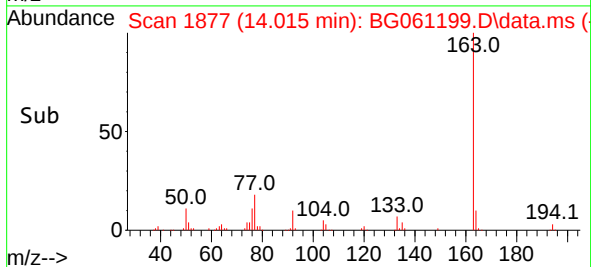
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#50
Dimethylphthalate
Concen: 39.297 ng
RT: 14.015 min Scan# 1877
Delta R.T. -0.027 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59



Tgt Ion:163 Resp: 231041
Ion Ratio Lower Upper
163 100
194 3.3 3.2 4.8
164 9.8 7.8 11.8





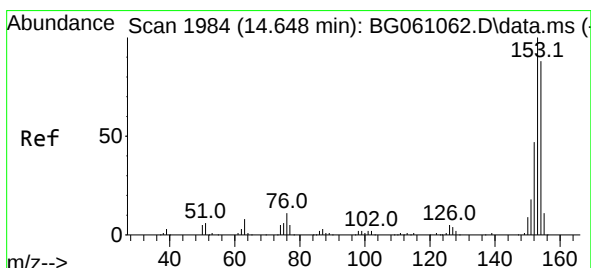
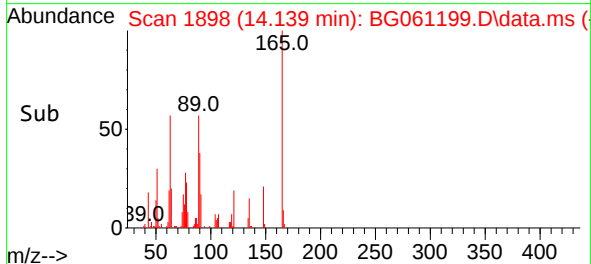
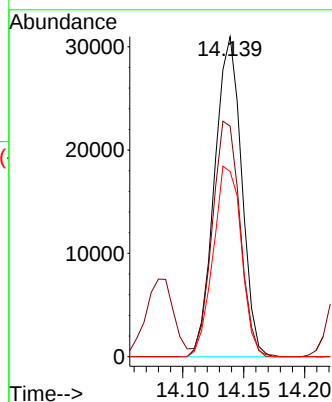
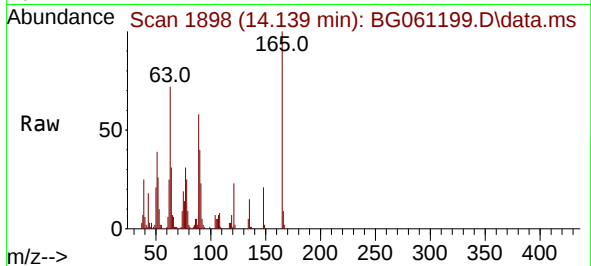
#51
2,6-Dinitrotoluene
Concen: 37.970 ng
RT: 14.139 min Scan# 1898
Delta R.T. -0.021 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 47750
Ion Ratio Lower Upper
165 100
63 72.1 60.0 90.0
89 57.9 50.9 76.3

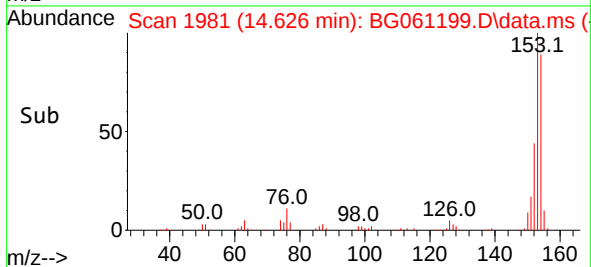
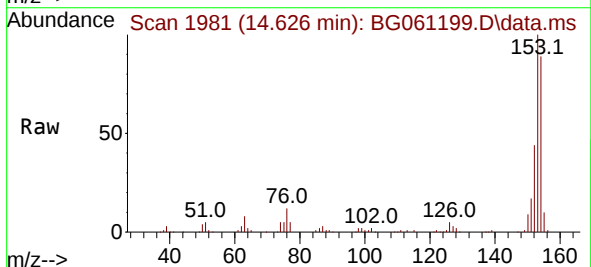
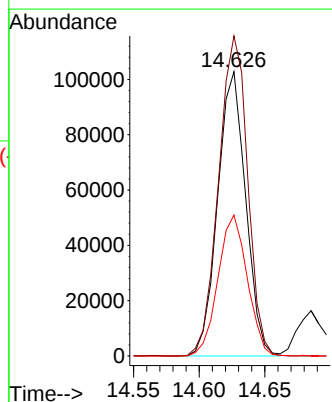
Manual Integrations
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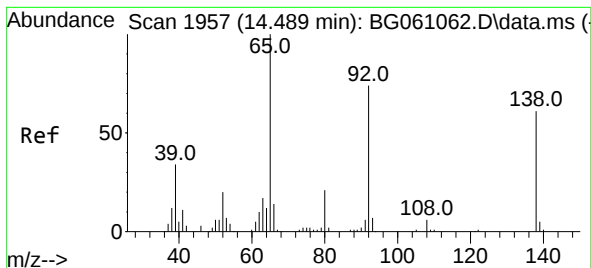
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#52
Acenaphthene
Concen: 40.658 ng
RT: 14.626 min Scan# 1981
Delta R.T. -0.021 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Tgt Ion:154 Resp: 152243
Ion Ratio Lower Upper
154 100
153 112.5 91.0 136.4
152 49.6 43.1 64.7





#53
3-Nitroaniline
Concen: 39.291 ng
RT: 14.468 min Scan# 1954
Delta R.T. -0.021 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Instrument :

BNA_G

ClientSampleId :

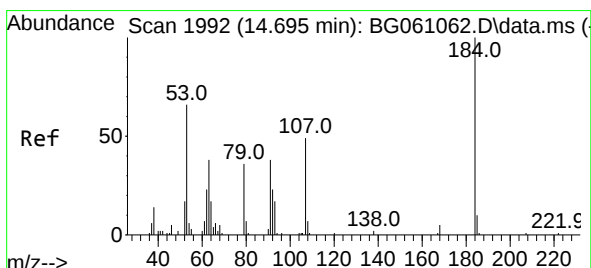
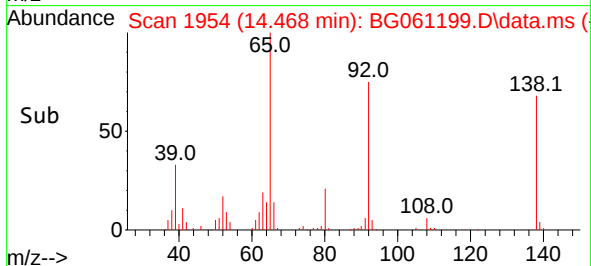
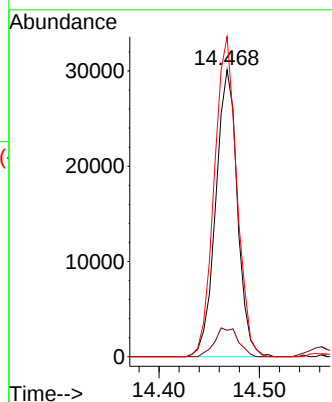
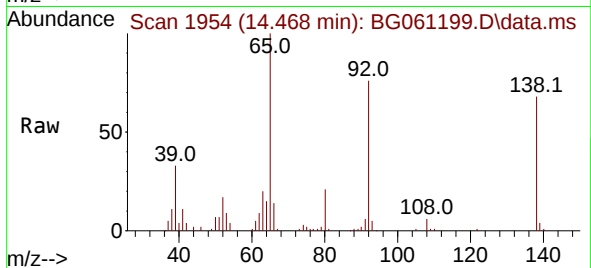
SSTDCCC040

Tgt Ion:138 Resp: 45210
Ion Ratio Lower Upper
138 100
108 9.2 8.2 12.2
92 111.5 98.0 147.0

Manual Integrations

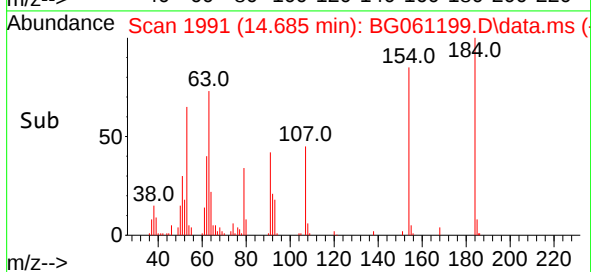
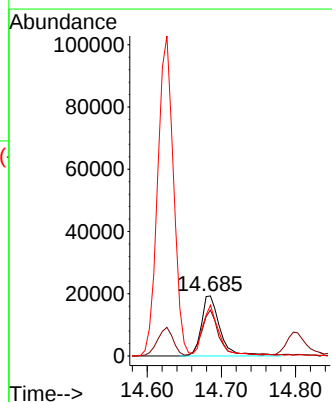
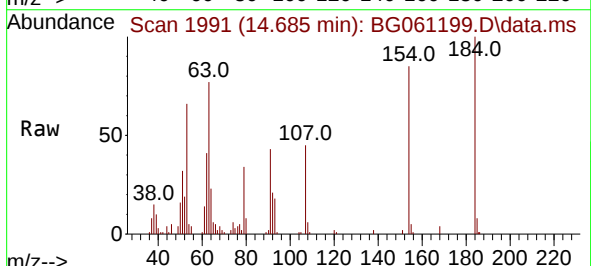
APPROVED

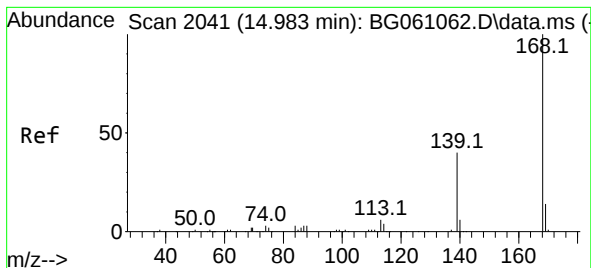
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#54
2,4-Dinitrophenol
Concen: 39.182 ng
RT: 14.685 min Scan# 1991
Delta R.T. -0.009 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

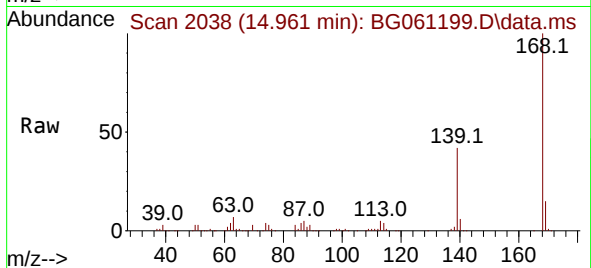
Tgt Ion:184 Resp: 33896
Ion Ratio Lower Upper
184 100
63 76.5 62.6 93.8
154 84.8 61.4 92.0





#55
Dibenzenofuran
Concen: 38.041 ng
RT: 14.961 min Scan# 2041
Delta R.T. -0.021 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

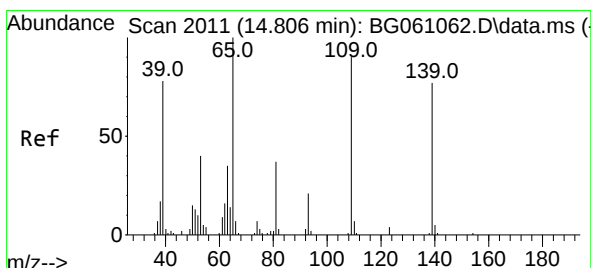
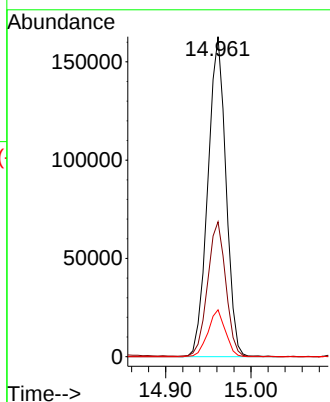
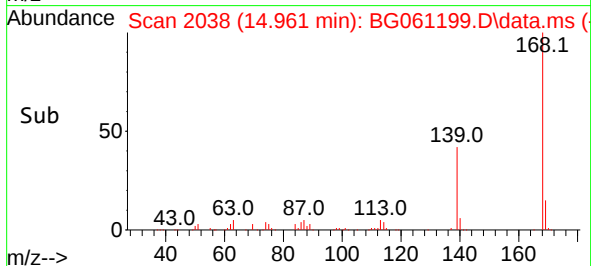
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



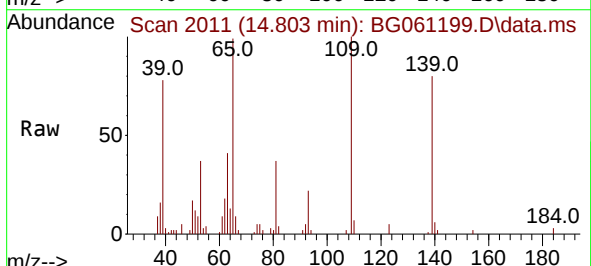
Tgt Ion:168 Resp: 24060
Ion Ratio Lower Upper
168 100
139 42.1 32.2 48.4
169 14.7 11.4 17.2

Manual Integrations
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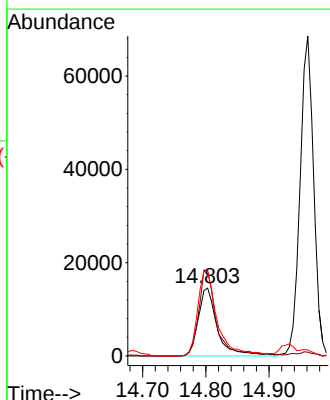
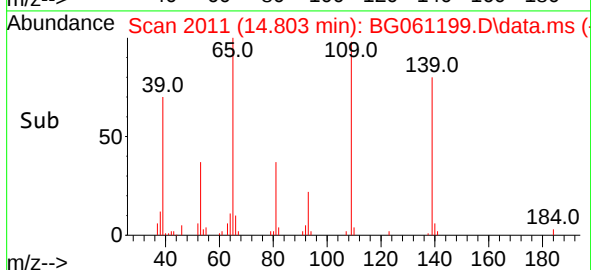
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024

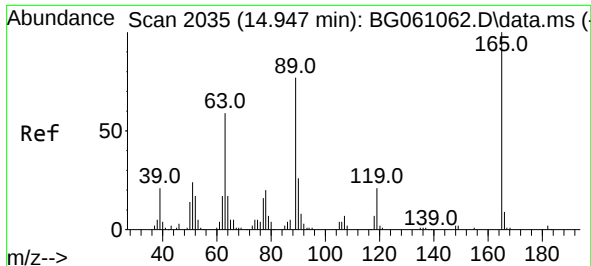


#56
4-Nitrophenol
Concen: 32.930 ng
RT: 14.803 min Scan# 2011
Delta R.T. -0.004 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59



Tgt Ion:139 Resp: 30622
Ion Ratio Lower Upper
139 100
109 125.6 97.7 137.7
65 124.7 110.7 150.7





#57
2,4-Dinitrotoluene
Concen: 39.298 ng
RT: 14.932 min Scan# 2033
Delta R.T. -0.015 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Instrument :

BNA_G

ClientSampleId :

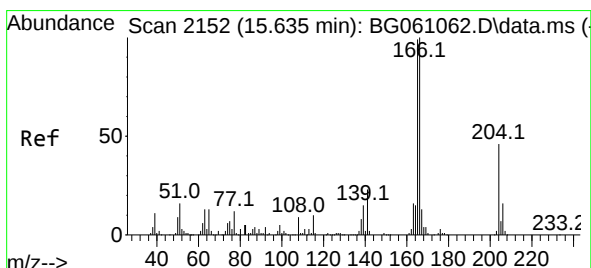
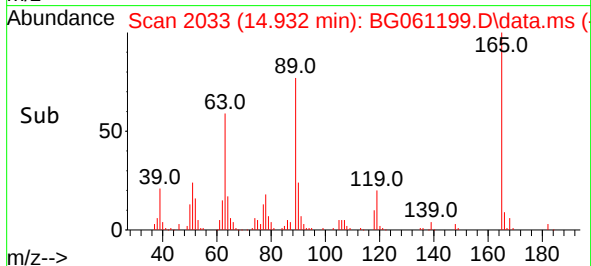
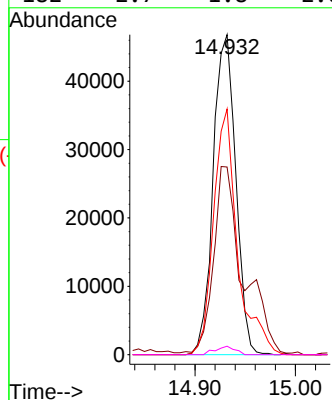
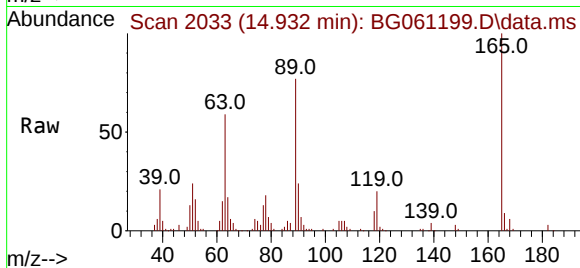
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.6	47.3	70.9
89	76.8	61.8	92.8
182	2.7	1.8	2.6

Manual Integrations

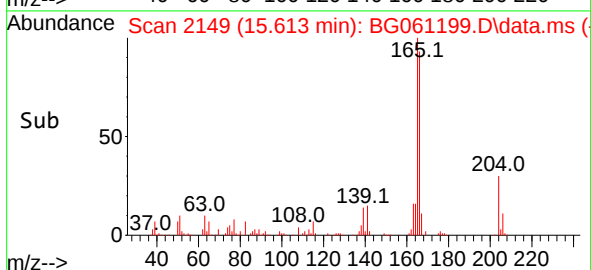
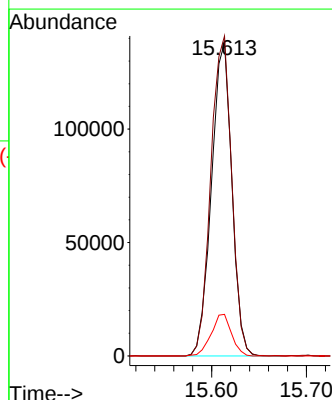
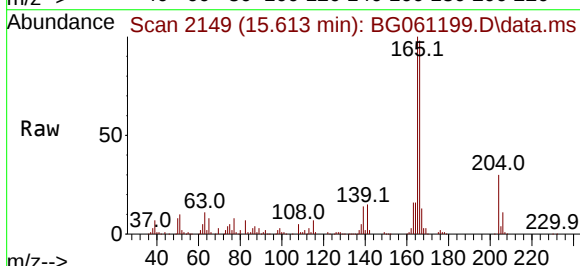
APPROVED

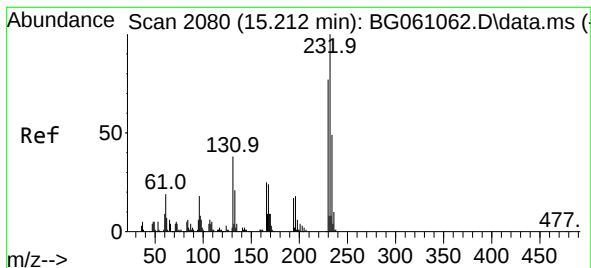
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#58
Fluorene
Concen: 37.577 ng
RT: 15.613 min Scan# 2149
Delta R.T. -0.021 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

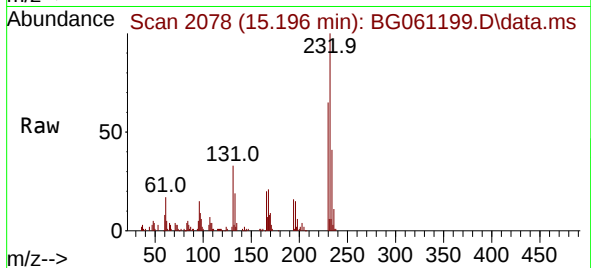
Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.0	78.9	118.3
167	13.3	10.6	15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 35.868 ng
RT: 15.196 min Scan# 2080
Delta R.T. -0.015 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

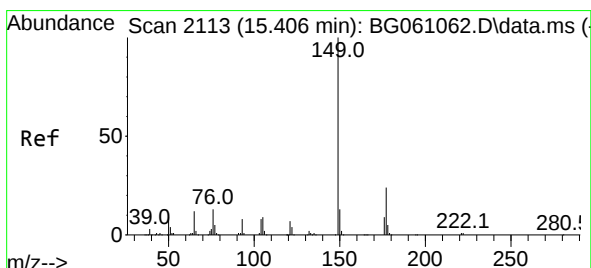
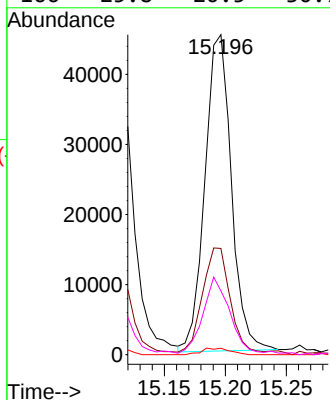
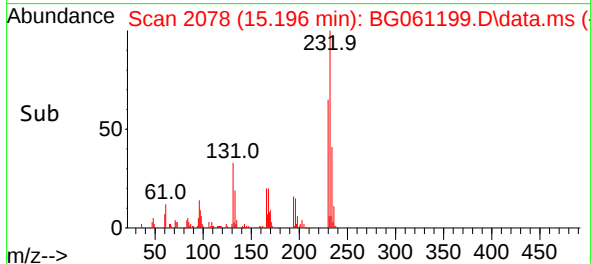
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



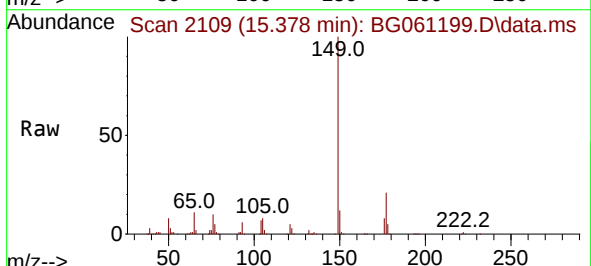
Tgt Ion:232 Resp: 6815
Ion Ratio Lower Upper
232 100
131 36.5 27.0 40.4
130 2.2 1.7 2.5
166 25.8 20.5 30.7

Manual Integrations
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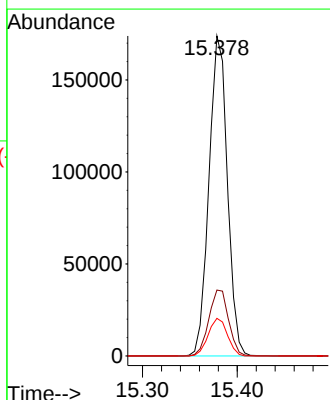
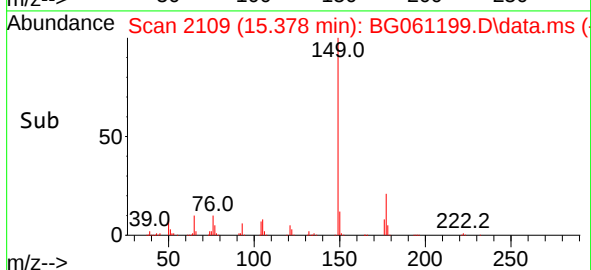
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024

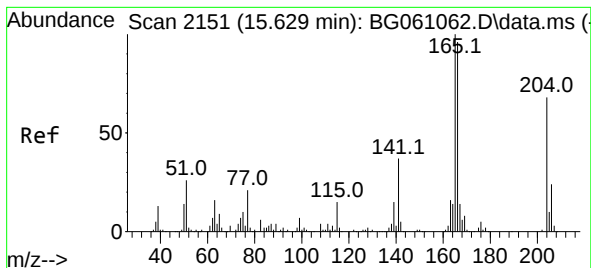


#60
Diethylphthalate
Concen: 39.472 ng
RT: 15.378 min Scan# 2109
Delta R.T. -0.027 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59



Tgt Ion:149 Resp: 234019
Ion Ratio Lower Upper
149 100
177 20.6 19.1 28.7
150 11.8 10.6 16.0





#61
4-Chlorophenyl-phenylether
Concen: 38.074 ng
RT: 15.602 min Scan# 2147
Delta R.T. -0.027 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Instrument :

BNA_G

ClientSampleId :

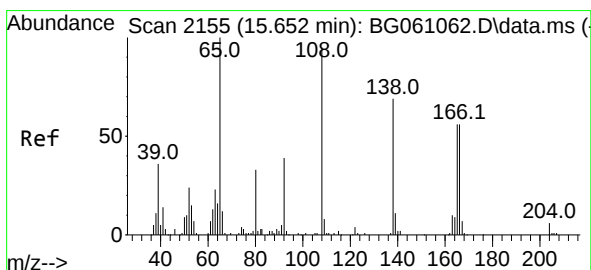
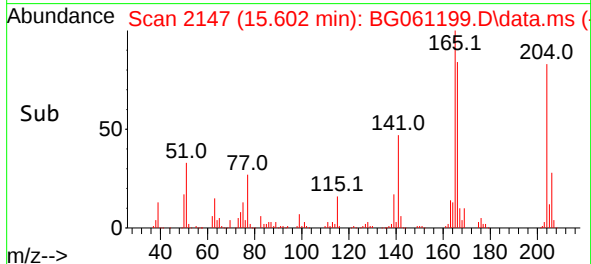
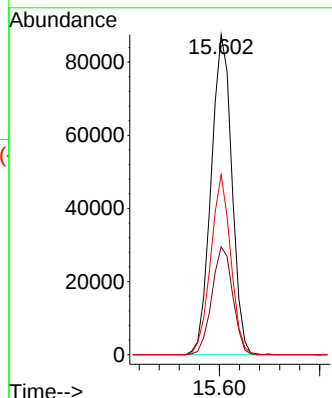
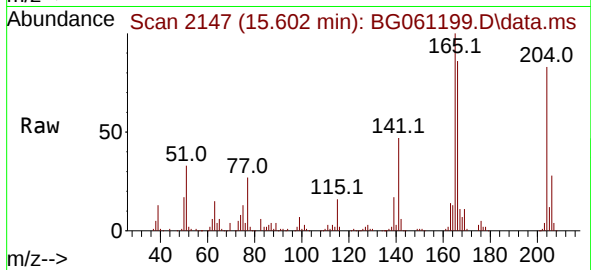
SSTDCCC040

Tgt Ion:204 Resp: 12512
Ion Ratio Lower Upper
204 100
206 33.7 27.8 41.6
141 56.2 42.9 64.3

Manual Integrations

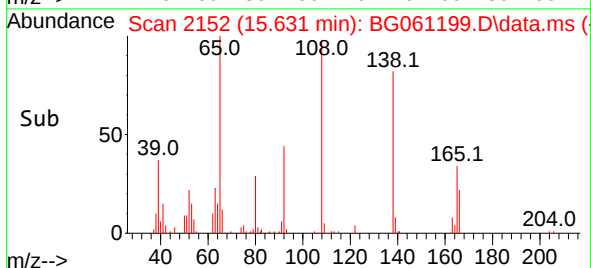
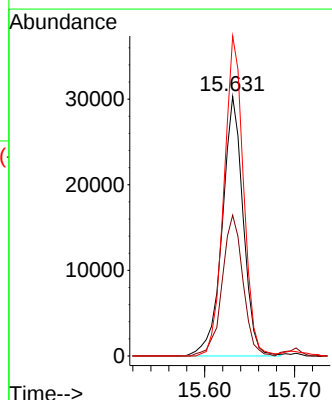
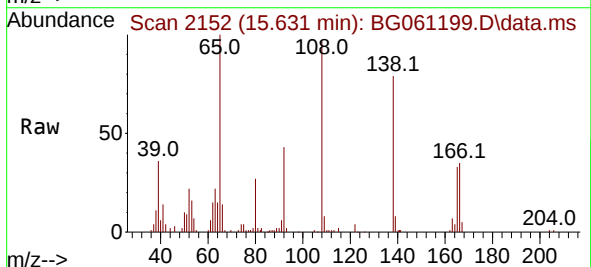
APPROVED

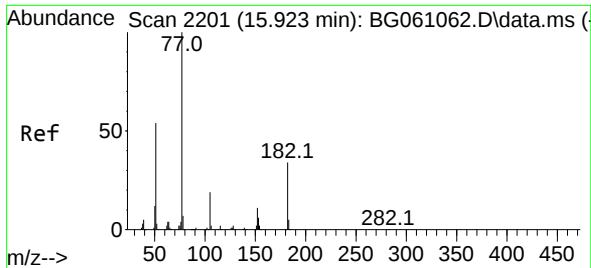
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#62
4-Nitroaniline
Concen: 39.224 ng
RT: 15.631 min Scan# 2152
Delta R.T. -0.021 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

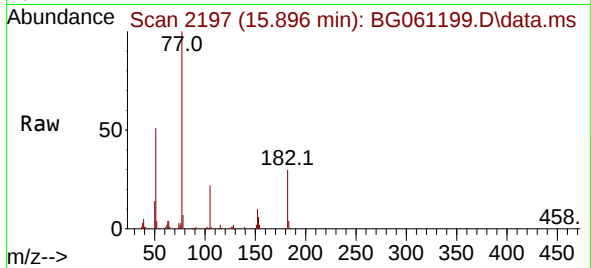
Tgt Ion:138 Resp: 48950
Ion Ratio Lower Upper
138 100
92 54.2 35.5 75.5
108 123.3 116.2 156.2





#63
Azobenzene
Concen: 38.143 ng
RT: 15.896 min Scan# 2197
Delta R.T. -0.027 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

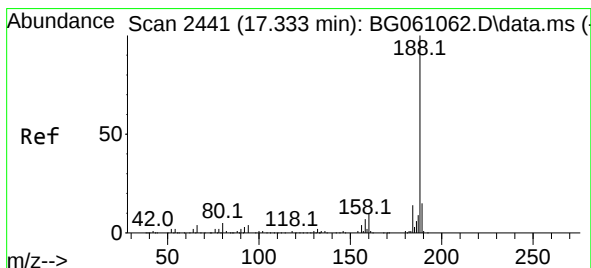
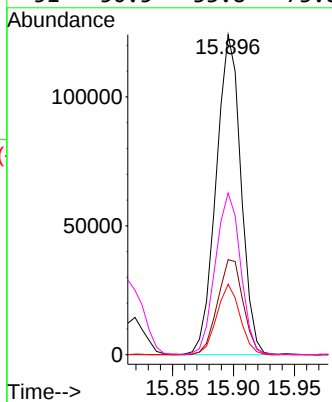
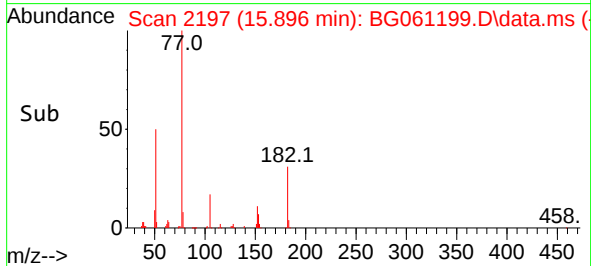
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



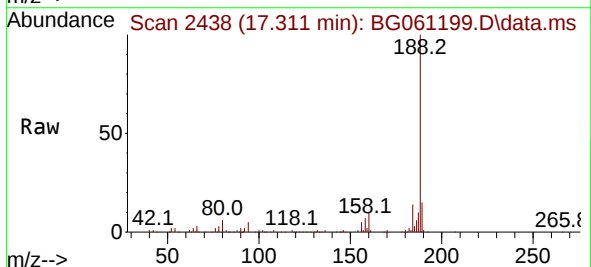
Tgt Ion: 77 Resp: 176040
Ion Ratio Lower Upper
77 100
182 29.7 13.5 53.5
105 22.0 0.0 39.3
51 50.5 33.8 73.8

Manual Integrations
APPROVED

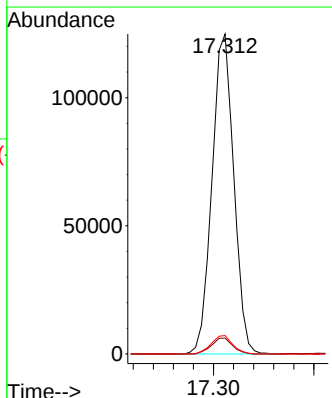
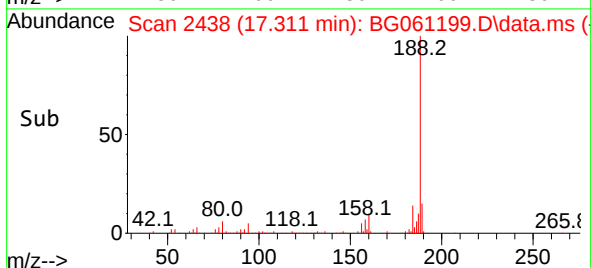
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024

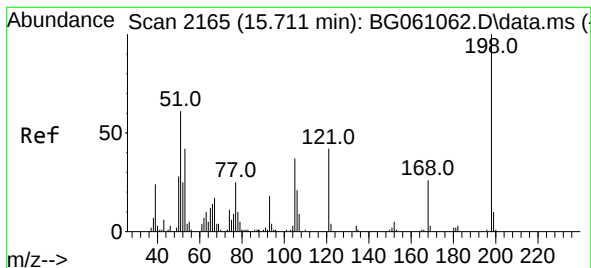


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.311 min Scan# 2438
Delta R.T. -0.021 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59



Tgt Ion:188 Resp: 187627
Ion Ratio Lower Upper
188 100
94 5.0 3.6 5.4
80 5.7 4.2 6.2





#65
4,6-Dinitro-2-methylphenol
Concen: 38.842 ng
RT: 15.702 min Scan# 2164
Delta R.T. -0.010 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Instrument :

BNA_G

ClientSampleId :

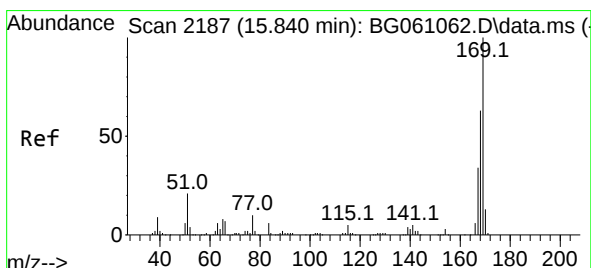
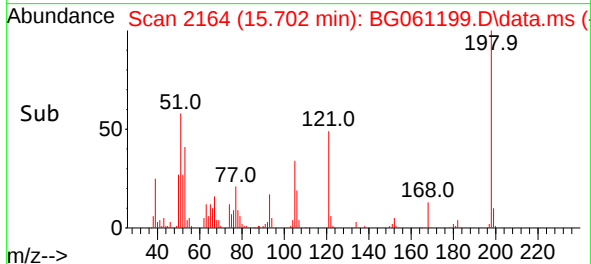
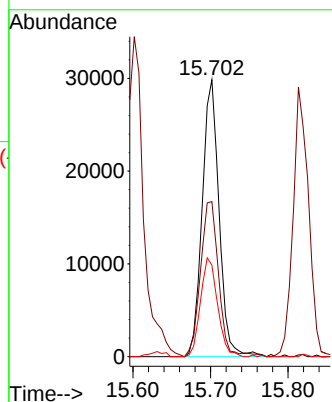
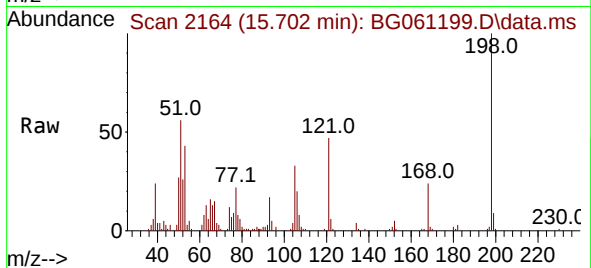
SSTDCCC040

Tgt Ion:198 Resp: 4521
Ion Ratio Lower Upper
198 100
51 56.0 41.2 81.2
105 33.0 16.7 56.7

Manual Integrations

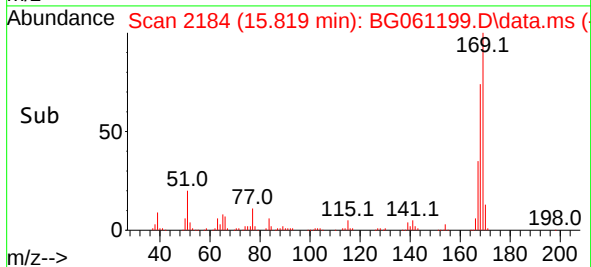
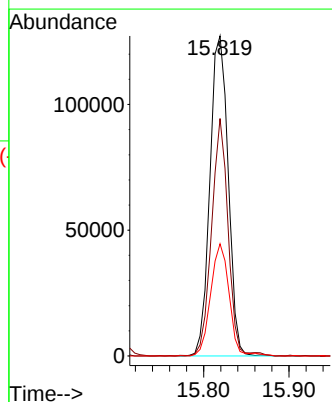
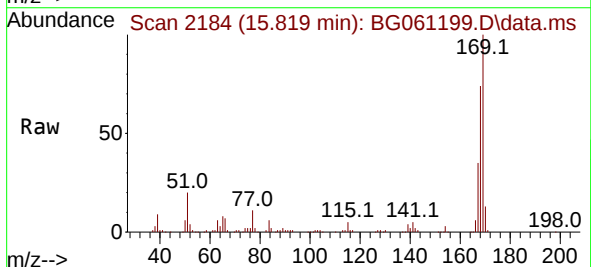
APPROVED

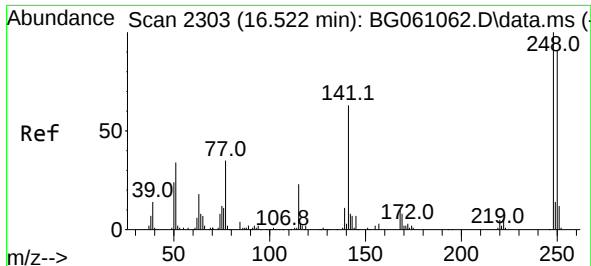
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#66
n-Nitrosodiphenylamine
Concen: 40.624 ng
RT: 15.819 min Scan# 2184
Delta R.T. -0.021 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Tgt Ion:169 Resp: 189017
Ion Ratio Lower Upper
169 100
168 74.2 50.6 75.8
167 35.1 27.4 41.2





#67
4-Bromophenyl-phenylether
Concen: 41.655 ng
RT: 16.495 min Scan# 21
Delta R.T. -0.027 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Instrument :

BNA_G

ClientSampleId :

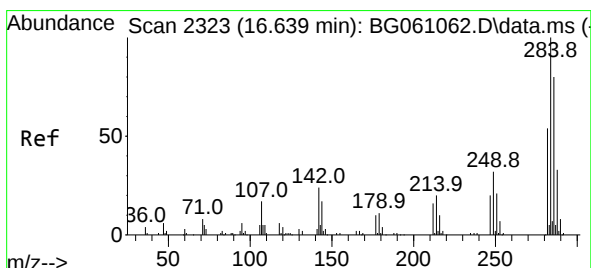
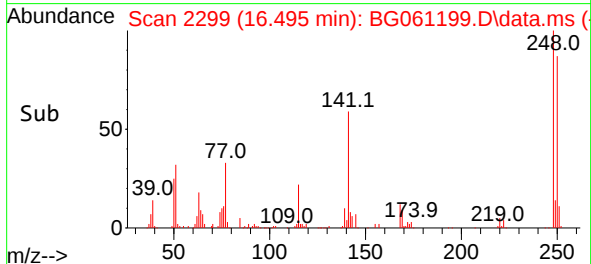
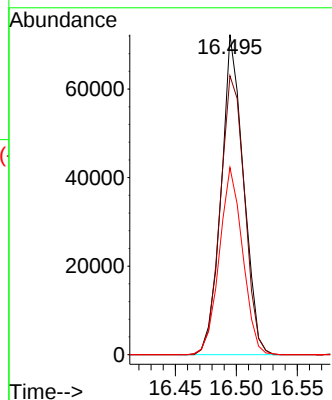
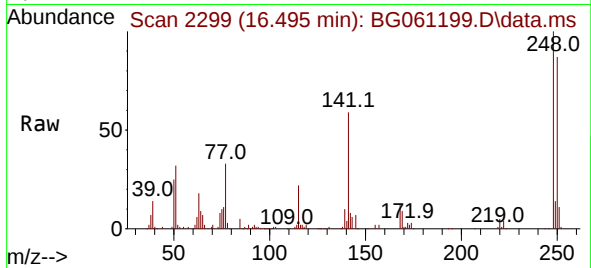
SSTDCCC040

Tgt Ion:248 Resp: 92070
Ion Ratio Lower Upper
248 100
250 87.2 73.0 109.4
141 58.5 50.8 76.2

Manual Integrations

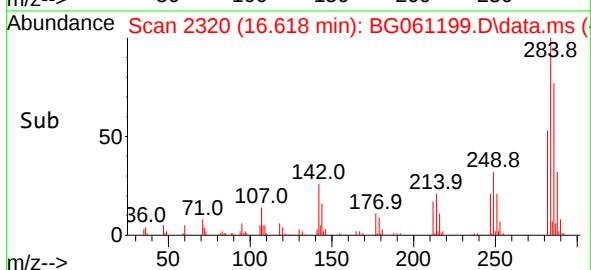
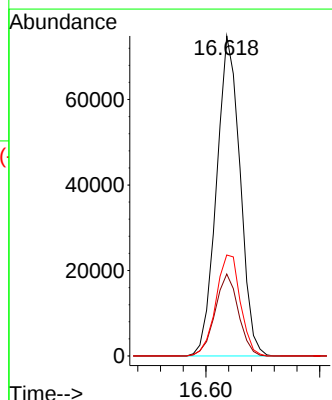
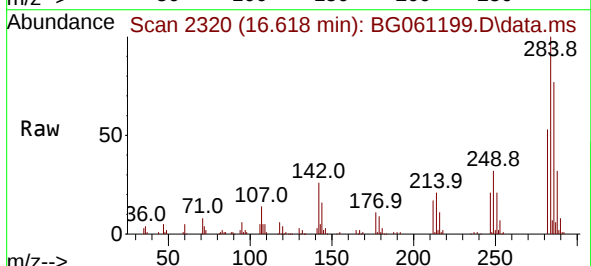
APPROVED

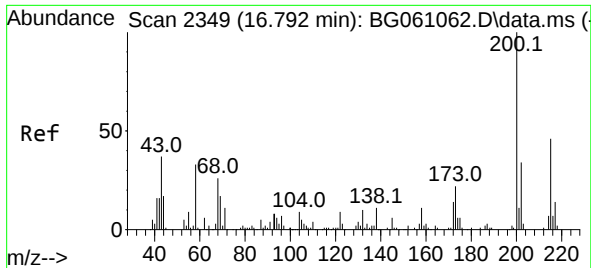
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#68
Hexachlorobenzene
Concen: 39.084 ng
RT: 16.618 min Scan# 2320
Delta R.T. -0.021 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Tgt Ion:284 Resp: 107520
Ion Ratio Lower Upper
284 100
142 25.6 19.2 28.8
249 31.6 25.4 38.2





#69
 Atrazine
 Concen: 35.221 ng
 RT: 16.771 min Scan# 21
 Delta R.T. -0.021 min
 Lab File: BG061199.D
 Acq: 15 May 2024 9:59

Instrument :

BNA_G

ClientSampleId :

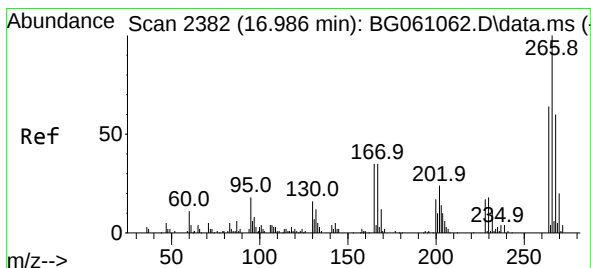
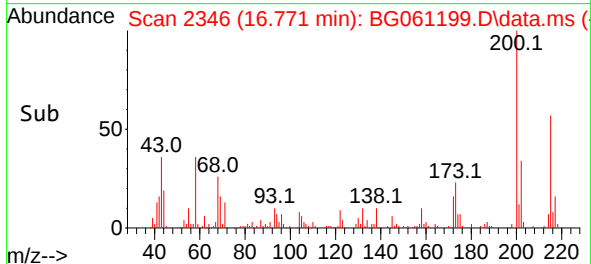
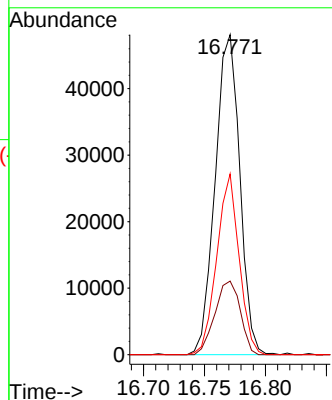
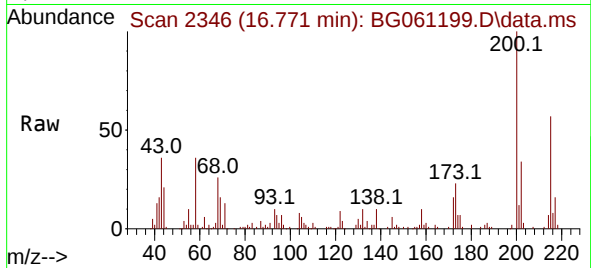
SSTDCCC040

Tgt Ion:200 Resp: 6758
 Ion Ratio Lower Upper
 200 100
 173 23.0 2.0 42.0
 215 56.5 26.2 66.2

Manual Integrations

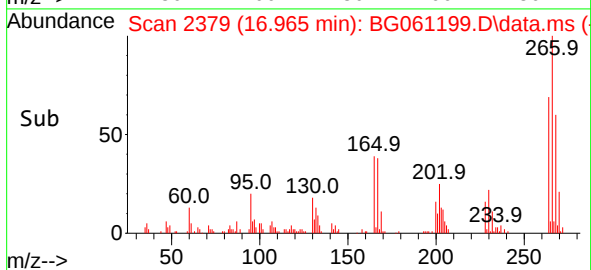
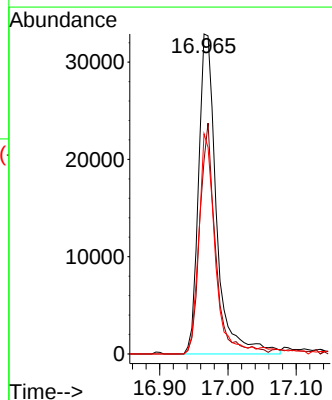
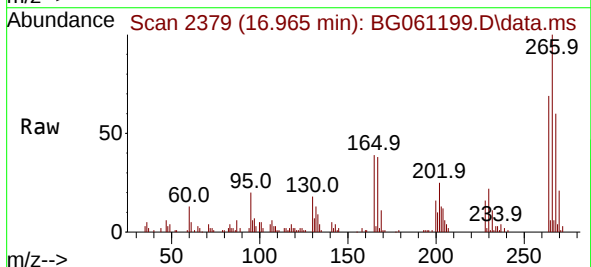
APPROVED

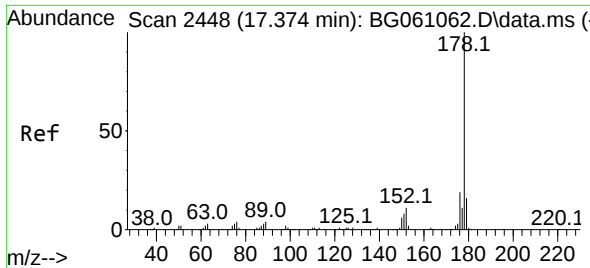
Reviewed By :Jagrut Upadhyay 05/16/2024
 Supervised By :mohammad ahmed 05/17/2024



#70
 Pentachlorophenol
 Concen: 35.638 ng
 RT: 16.965 min Scan# 2379
 Delta R.T. -0.021 min
 Lab File: BG061199.D
 Acq: 15 May 2024 9:59

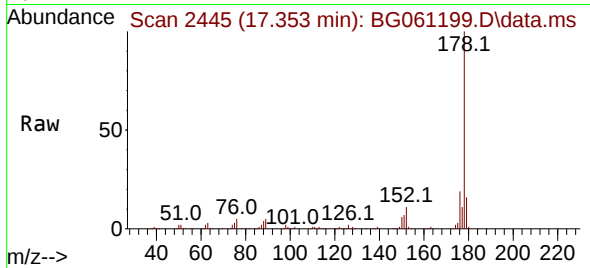
Tgt Ion:266 Resp: 60231
 Ion Ratio Lower Upper
 266 100
 268 60.4 47.8 71.8
 264 68.8 51.5 77.3





#71
Phenanthrene
Concen: 39.074 ng
RT: 17.353 min Scan# 2445
Delta R.T. -0.021 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

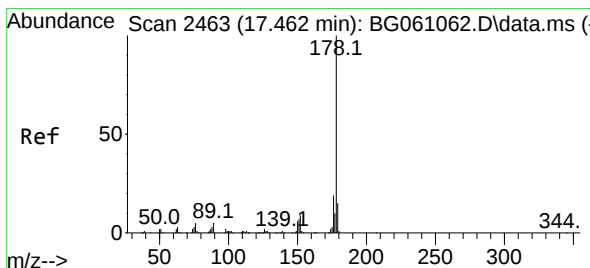
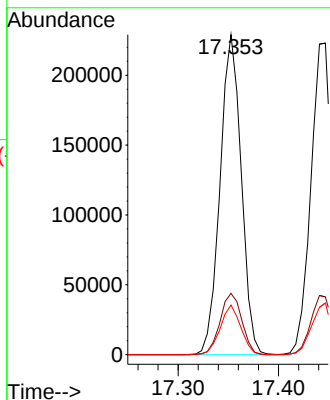
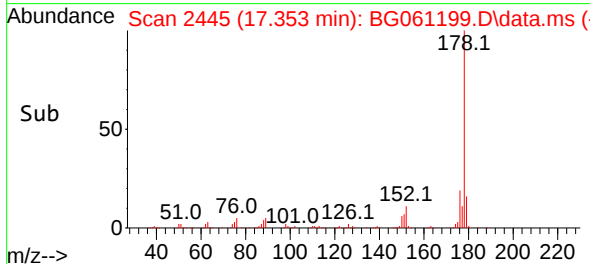
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



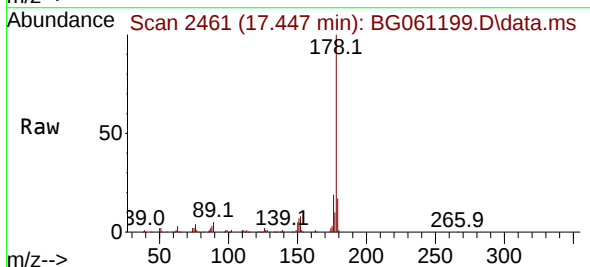
Tgt Ion:178 Resp: 335224
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.5 12.6 19.0

Manual Integrations
APPROVED

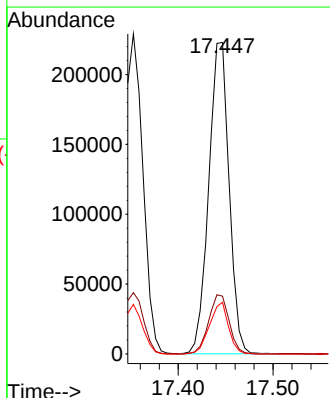
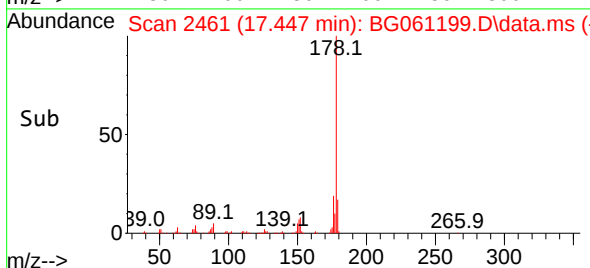
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024

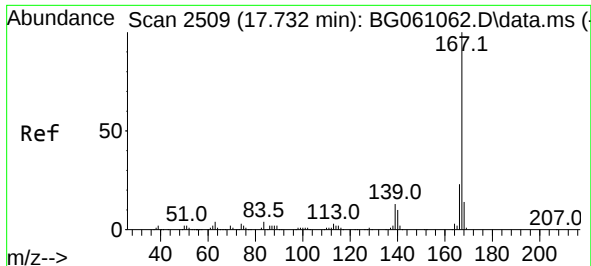


#72
Anthracene
Concen: 38.773 ng
RT: 17.447 min Scan# 2461
Delta R.T. -0.015 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59



Tgt Ion:178 Resp: 331919
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 16.6 12.0 18.0





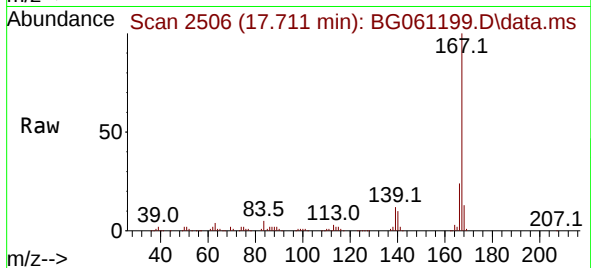
#73
 Carbazole
 Concen: 38.735 ng
 RT: 17.711 min Scan# 2506
 Delta R.T. -0.021 min
 Lab File: BG061199.D
 Acq: 15 May 2024 9:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

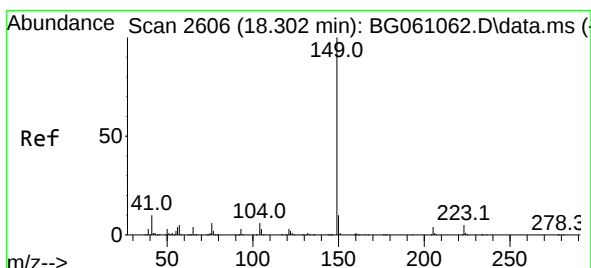
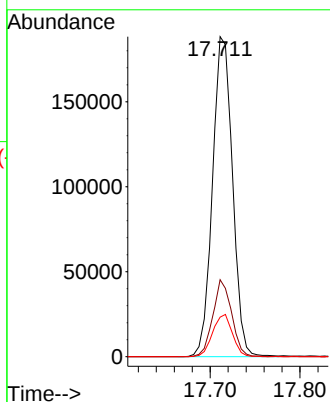
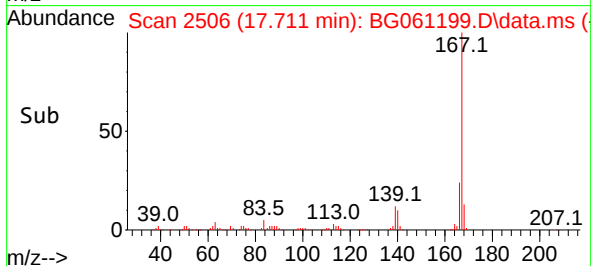


Tgt Ion:167 Resp: 291549
 Ion Ratio Lower Upper
 167 100
 166 24.0 18.7 28.1
 139 12.4 10.6 15.8

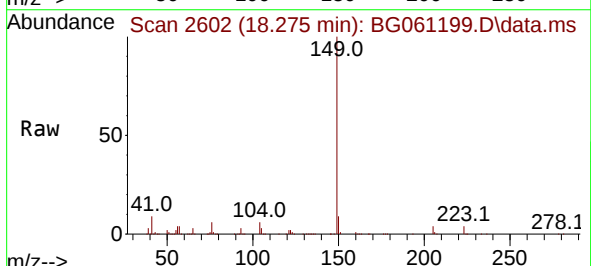
Manual Integrations

APPROVED

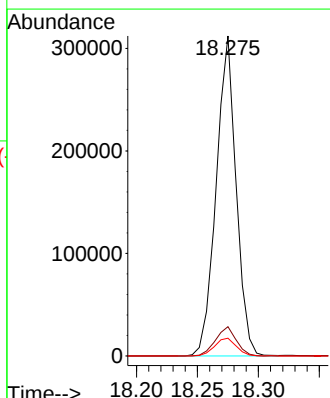
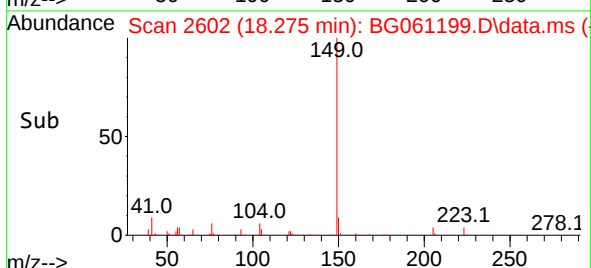
Reviewed By :Jagrut Upadhyay 05/16/2024
 Supervised By :mohammad ahmed 05/17/2024

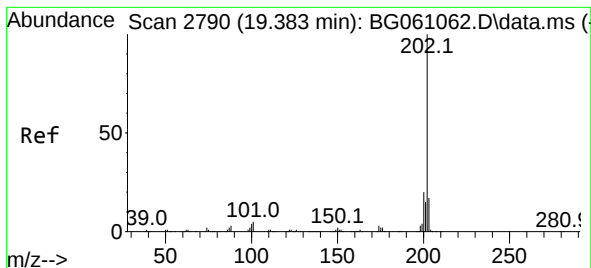


#74
 Di-n-butylphthalate
 Concen: 39.773 ng
 RT: 18.275 min Scan# 2602
 Delta R.T. -0.027 min
 Lab File: BG061199.D
 Acq: 15 May 2024 9:59



Tgt Ion:149 Resp: 355967
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 5.5 5.0 7.6





#75

Fluoranthene

Concen: 38.646 ng

RT: 19.368 min Scan# 21

Delta R.T. -0.015 min

Lab File: BG061199.D

Acq: 15 May 2024 9:59

Instrument :

BNA_G

ClientSampleId :

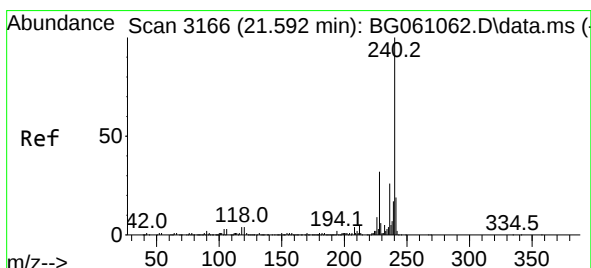
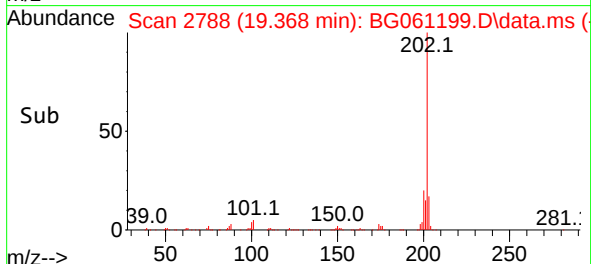
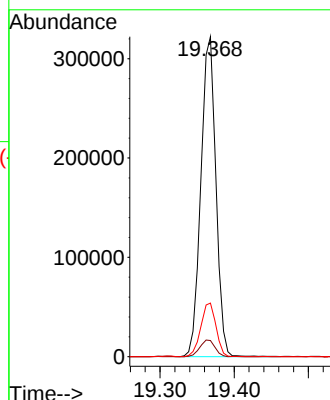
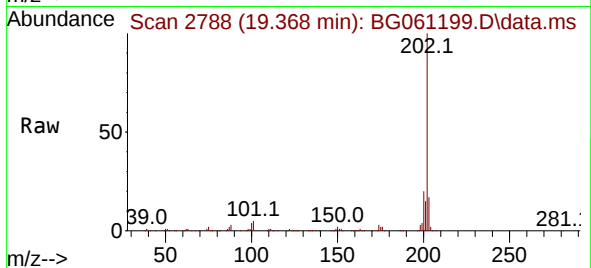
SSTDCCC040

Tgt Ion:	202	Resp:	454214
Ion Ratio	Lower	Upper	
202	100		
101	5.0	0.0	24.7
203	16.8	0.0	37.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#76

Chrysene-d12

Concen: 20.000 ng

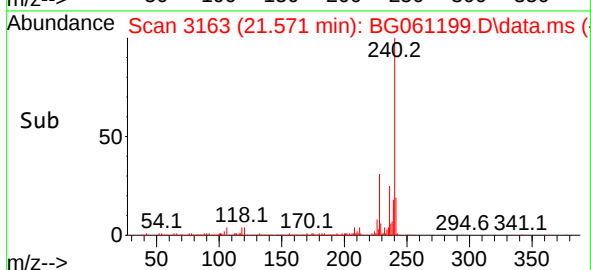
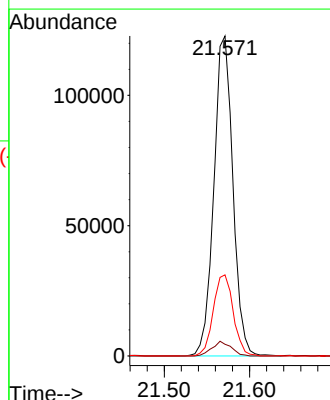
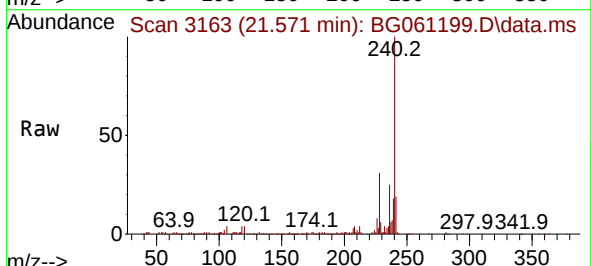
RT: 21.571 min Scan# 3163

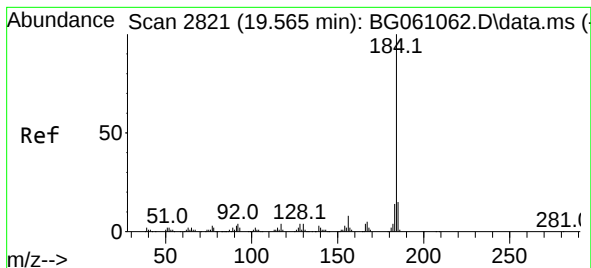
Delta R.T. -0.021 min

Lab File: BG061199.D

Acq: 15 May 2024 9:59

Tgt Ion:	240	Resp:	190208
Ion Ratio	Lower	Upper	
240	100		
120	3.7	3.2	4.8
236	25.3	21.0	31.6





#77

Benzidine

Concen: 38.653 ng

RT: 19.544 min Scan# 2818

Delta R.T. -0.021 min

Lab File: BG061199.D

Acq: 15 May 2024 9:59

Instrument :

BNA_G

ClientSampleId :

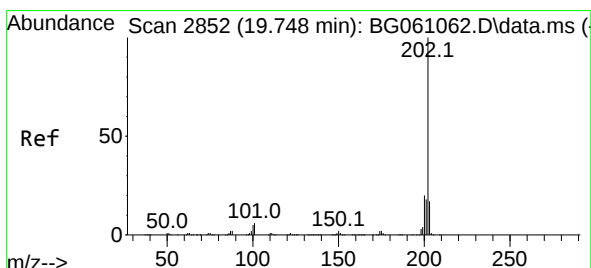
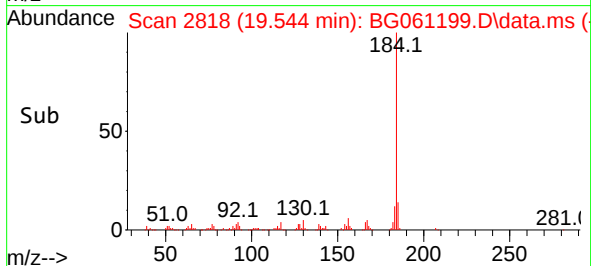
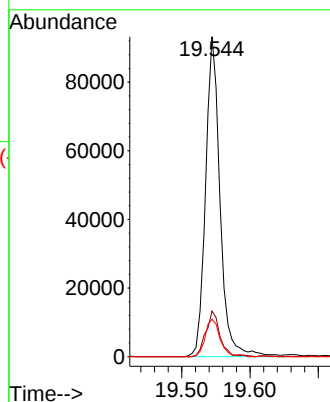
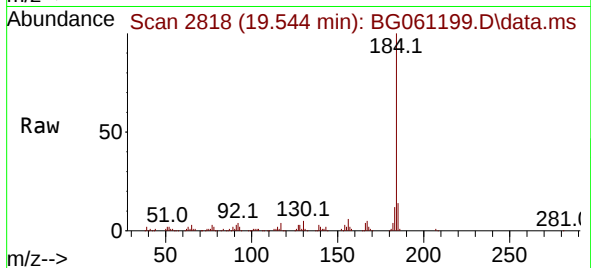
SSTDCCC040

Tgt Ion:	184	Resp:	13781
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.0	18.0
183	11.7	10.9	16.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#78

Pyrene

Concen: 37.929 ng

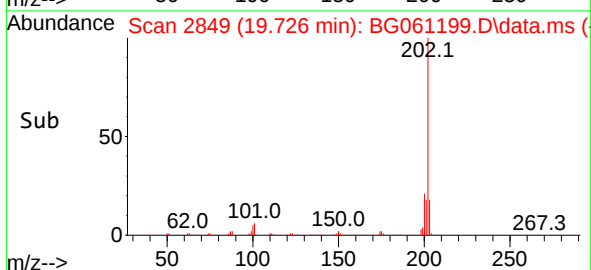
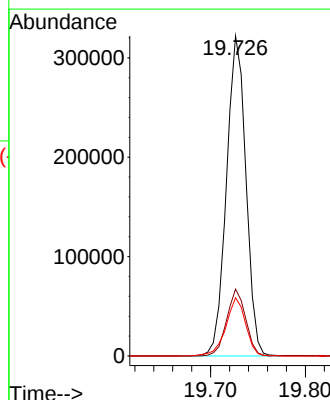
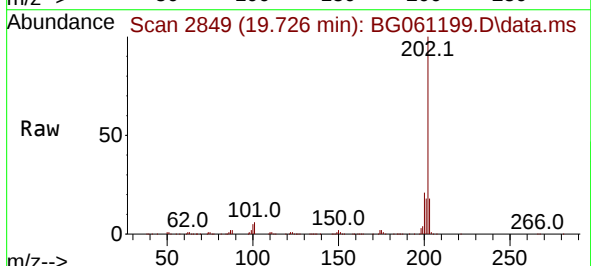
RT: 19.726 min Scan# 2849

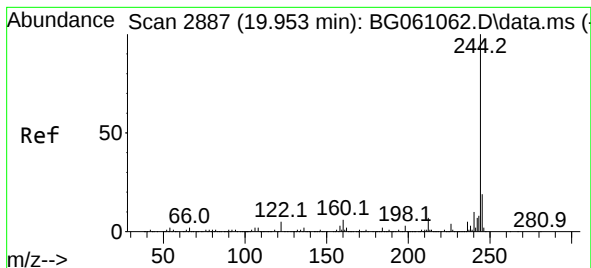
Delta R.T. -0.021 min

Lab File: BG061199.D

Acq: 15 May 2024 9:59

Tgt Ion:	202	Resp:	458666
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.2	24.4
203	18.2	13.3	19.9





#79

Terphenyl-d14

Concen: 75.598 ng

RT: 19.926 min Scan# 2883

Delta R.T. -0.027 min

Lab File: BG061199.D

Acq: 15 May 2024 9:59

Instrument :

BNA_G

ClientSampleId :

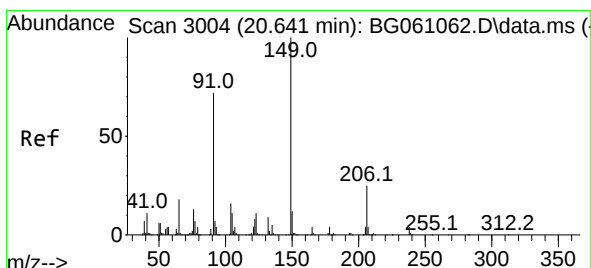
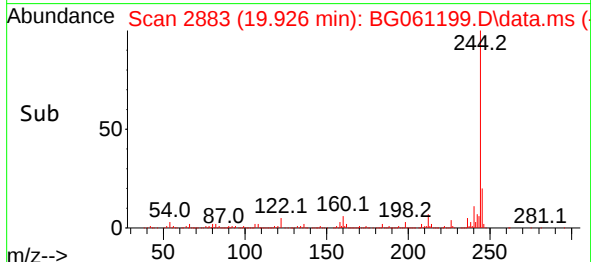
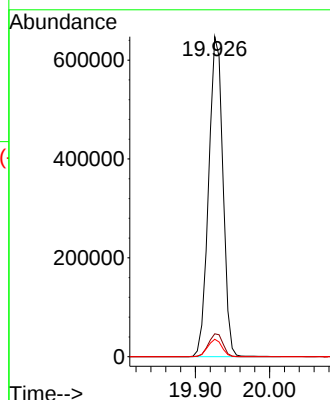
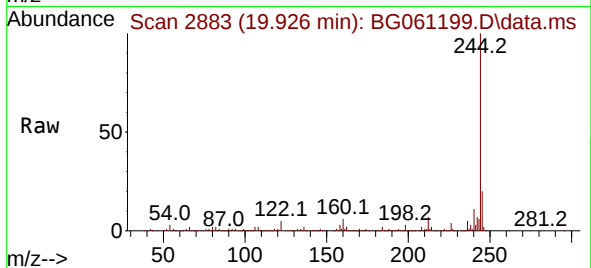
SSTDCCC040

Tgt Ion:244	Resp: 86458
Ion Ratio	Lower Upper
244 100	
212 7.1	5.7 8.5
122 5.4	4.2 6.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#80

Butylbenzylphthalate

Concen: 39.043 ng

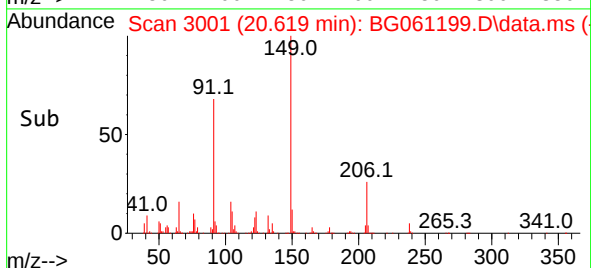
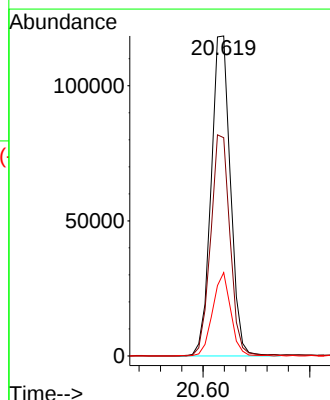
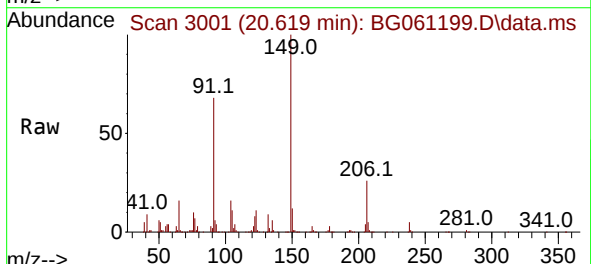
RT: 20.619 min Scan# 3001

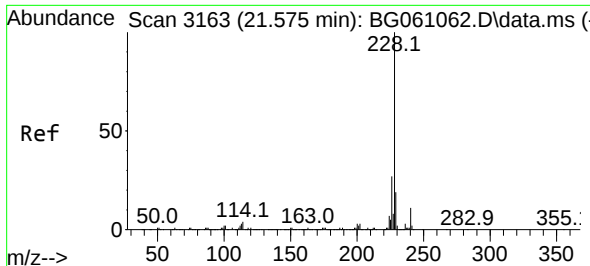
Delta R.T. -0.021 min

Lab File: BG061199.D

Acq: 15 May 2024 9:59

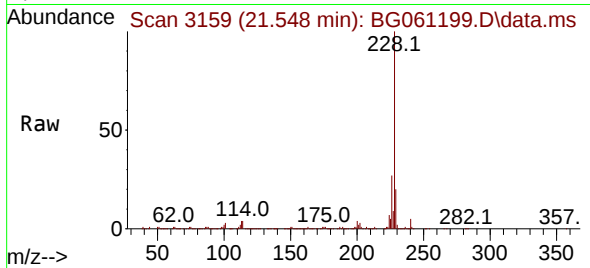
Tgt Ion:149	Resp: 149450
Ion Ratio	Lower Upper
149 100	
91 68.2	57.4 86.2
206 26.0	19.8 29.6





#81
Benzo(a)anthracene
Concen: 37.236 ng
RT: 21.548 min Scan# 3119
Delta R.T. -0.027 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

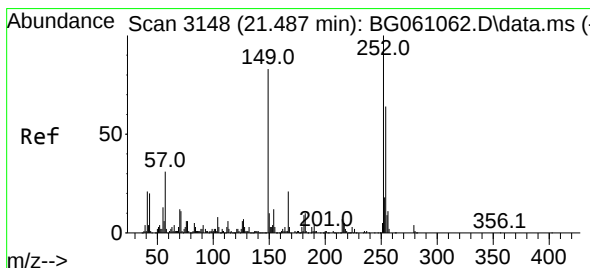
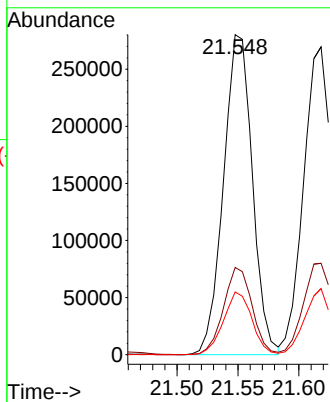
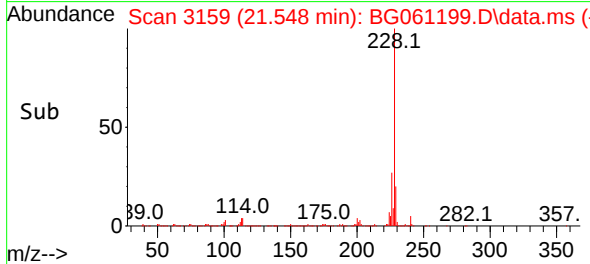
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 46346
Ion Ratio Lower Upper
228 100
226 27.3 21.6 32.4
229 19.6 15.0 22.4

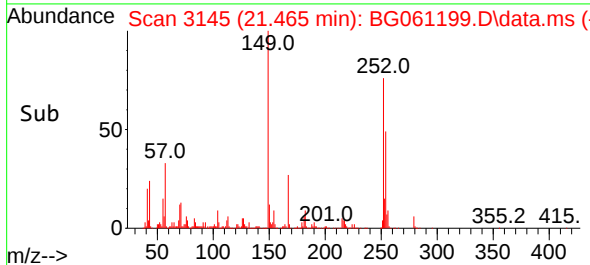
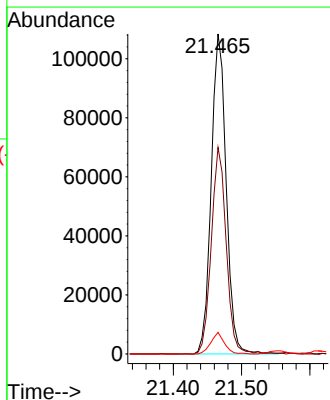
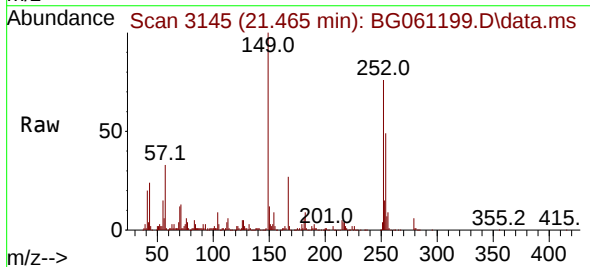
Manual Integrations
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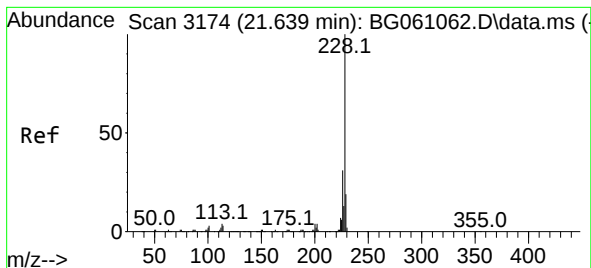
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#82
3,3'-Dichlorobenzidine
Concen: 36.923 ng
RT: 21.465 min Scan# 3145
Delta R.T. -0.021 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

Tgt Ion:252 Resp: 165389
Ion Ratio Lower Upper
252 100
254 64.6 51.3 76.9
126 6.7 5.2 7.8





#83

Chrysene

Concen: 37.426 ng

RT: 21.618 min Scan# 3171

Delta R.T. -0.021 min

Lab File: BG061199.D

Acq: 15 May 2024 9:59

Instrument :

BNA_G

ClientSampleId :

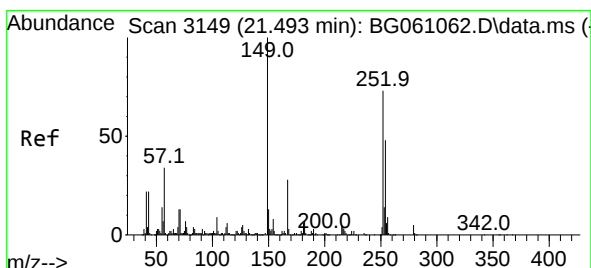
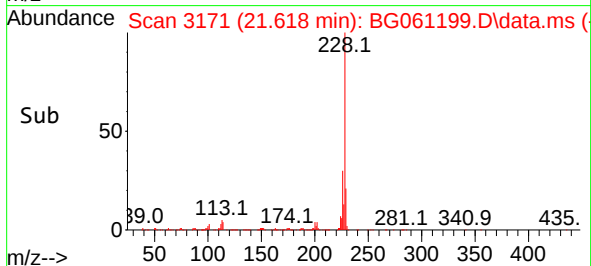
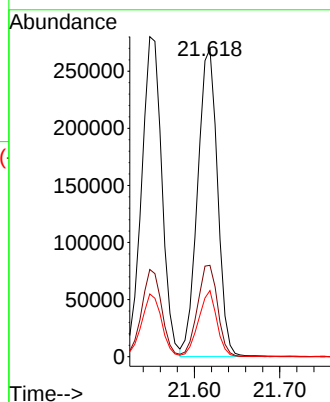
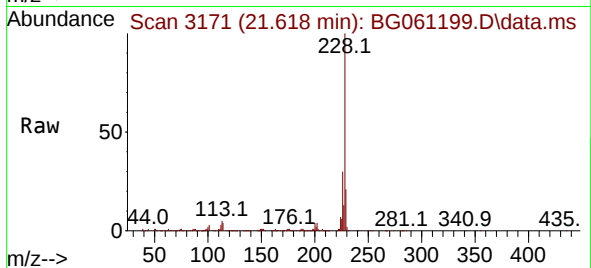
SSTDCCC040

Tgt Ion:	228	Resp:	43643
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.4	36.6
229	21.5	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.493 ng

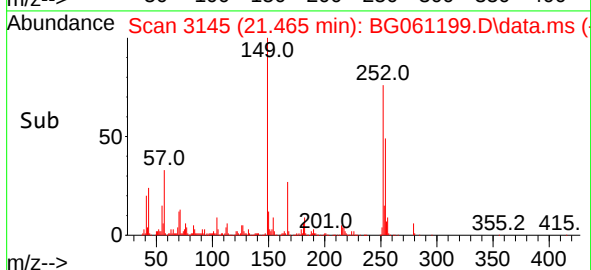
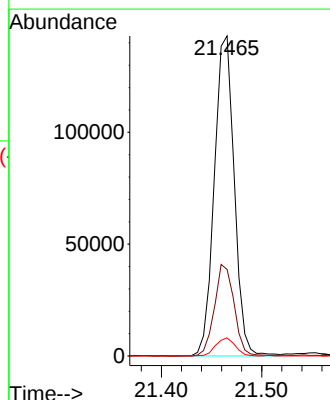
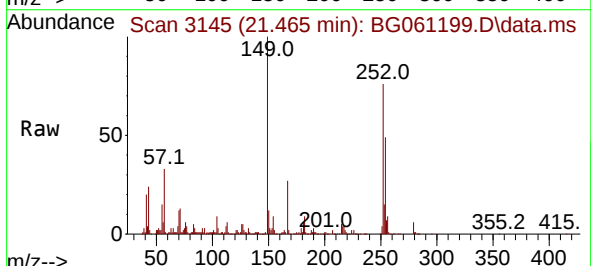
RT: 21.465 min Scan# 3145

Delta R.T. -0.027 min

Lab File: BG061199.D

Acq: 15 May 2024 9:59

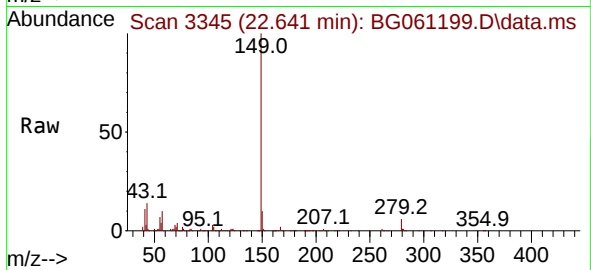
Tgt Ion:	149	Resp:	197407
Ion Ratio	Lower	Upper	
149	100		
167	27.0	22.1	33.1
279	5.7	4.1	6.1





#85
Di-n-octyl phthalate
Concen: 37.847 ng
RT: 22.641 min Scan# 31
Delta R.T. -0.039 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59

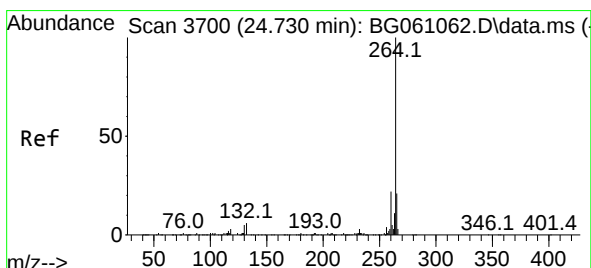
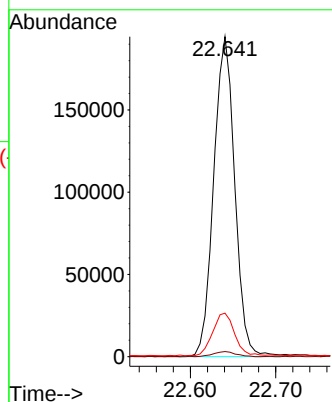
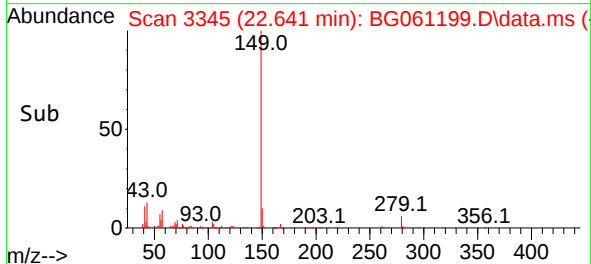
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



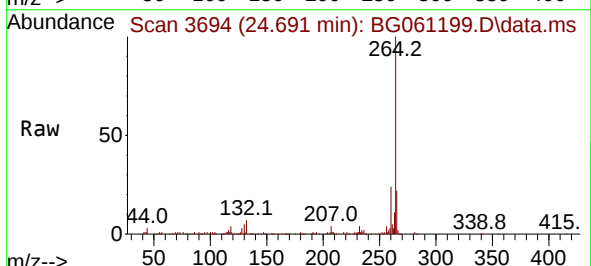
Tgt Ion:149 Resp: 33376
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 13.9 10.6 15.8

Manual Integrations
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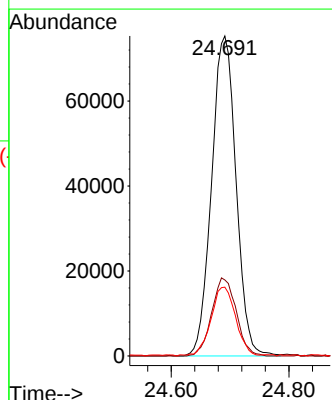
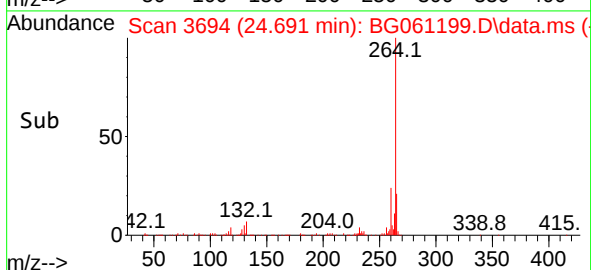
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024

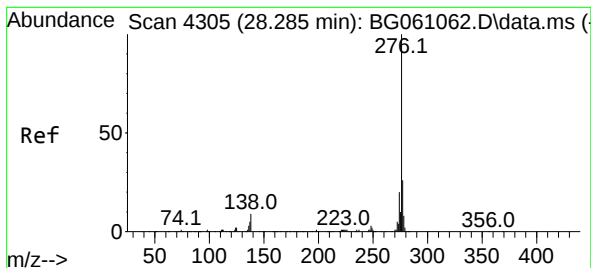


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.691 min Scan# 3694
Delta R.T. -0.039 min
Lab File: BG061199.D
Acq: 15 May 2024 9:59



Tgt Ion:264 Resp: 217549
Ion Ratio Lower Upper
264 100
260 23.8 17.7 26.5
265 21.5 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.560 ng

RT: 28.234 min Scan# 41

Delta R.T. -0.051 min

Lab File: BG061199.D

Acq: 15 May 2024 9:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 570349

Ion Ratio Lower Upper

276 100

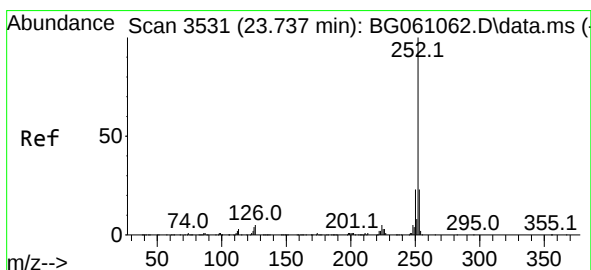
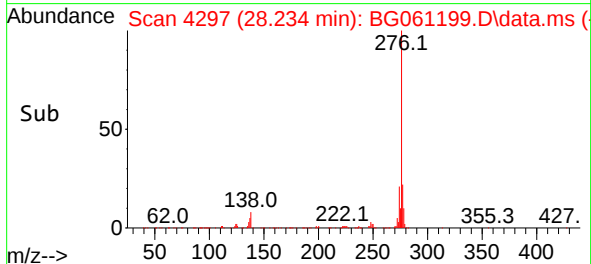
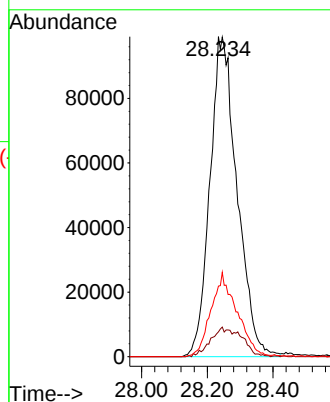
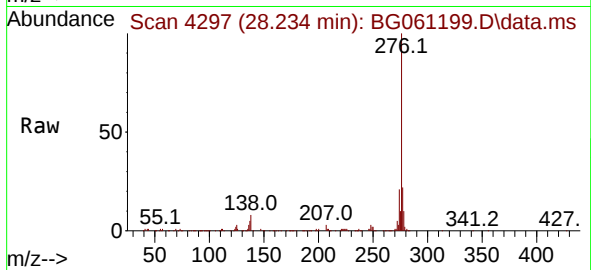
138 10.5 5.1 7.7

277 25.0 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#88

Benzo(b)fluoranthene

Concen: 38.461 ng

RT: 23.710 min Scan# 3527

Delta R.T. -0.027 min

Lab File: BG061199.D

Acq: 15 May 2024 9:59

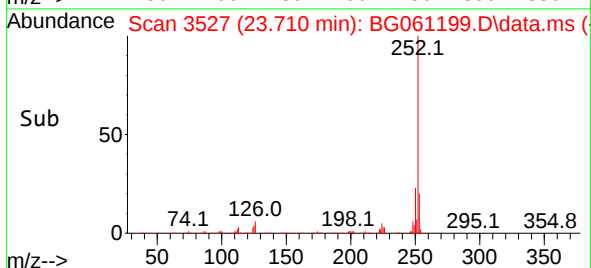
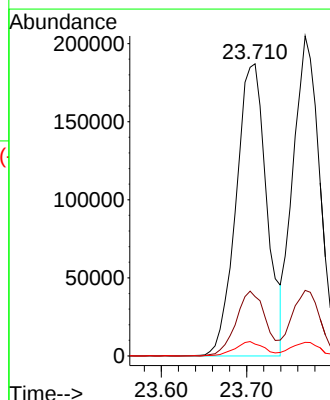
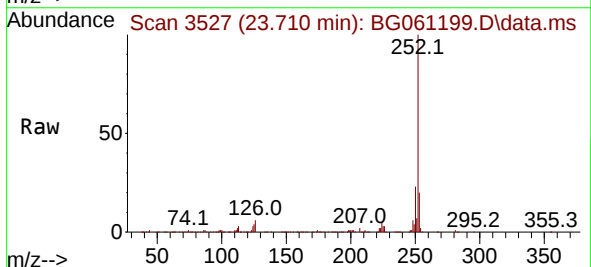
Tgt Ion:252 Resp: 467555

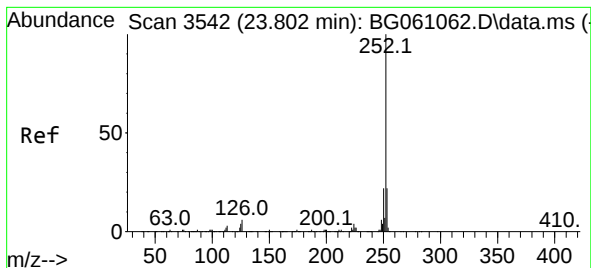
Ion Ratio Lower Upper

252 100

253 20.3 18.2 27.2

125 4.1 3.4 5.0





#89

Benzo(k)fluoranthene

Concen: 37.786 ng

RT: 23.769 min Scan# 3

Delta R.T. -0.033 min

Lab File: BG061199.D

Acq: 15 May 2024 9:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

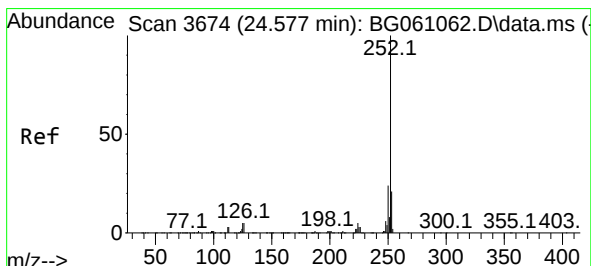
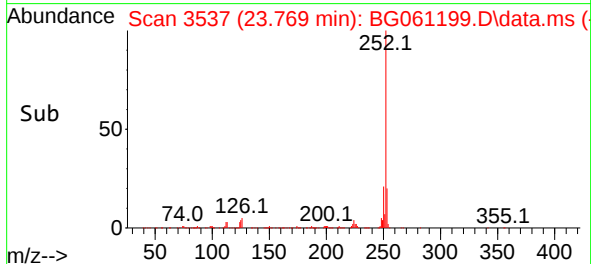
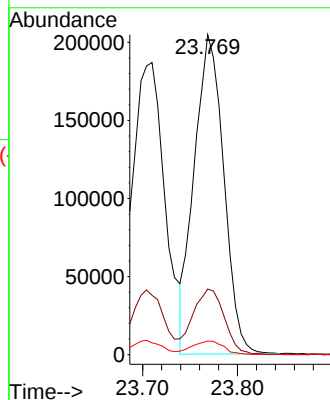
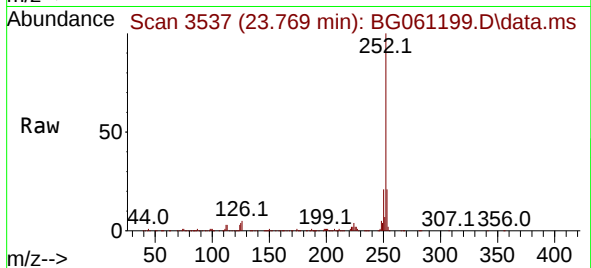
Tgt Ion:252 Resp: 44191

Ion	Ratio	Lower	Upper
252	100		
253	20.5	17.3	25.9
125	4.3	3.2	4.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#90

Benzo(a)pyrene

Concen: 39.611 ng

RT: 24.544 min Scan# 3669

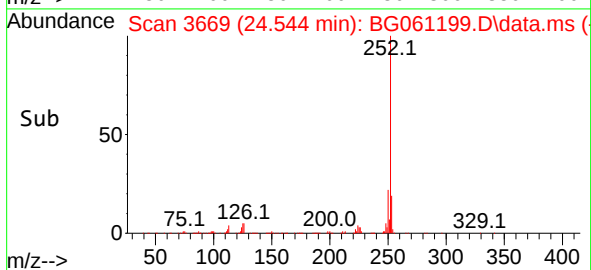
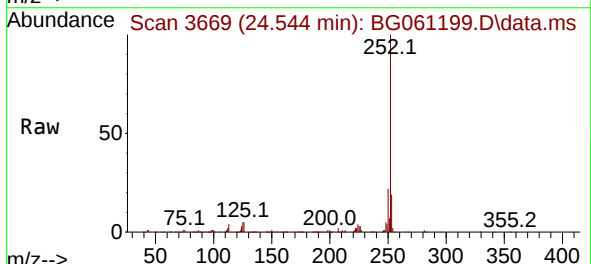
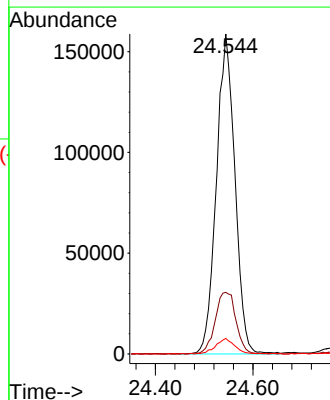
Delta R.T. -0.033 min

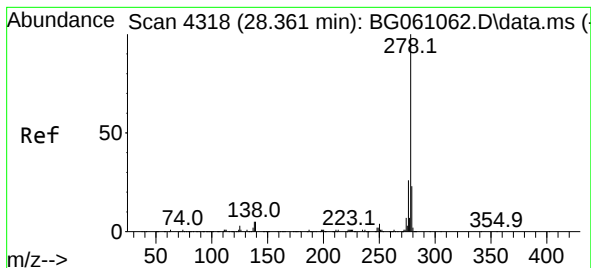
Lab File: BG061199.D

Acq: 15 May 2024 9:59

Tgt Ion:252 Resp: 419524

Ion	Ratio	Lower	Upper
252	100		
253	19.2	16.9	25.3
125	4.9	3.8	5.8





#91

Dibenzo(a,h)anthracene

Concen: 38.996 ng

RT: 28.299 min Scan# 41

Delta R.T. -0.062 min

Lab File: BG061199.D

Acq: 15 May 2024 9:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 46560

Ion Ratio Lower Upper

278 100

139 7.2 4.2 6.2

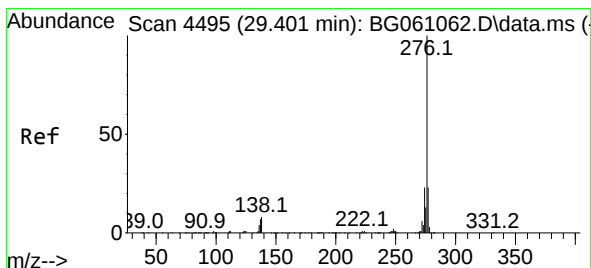
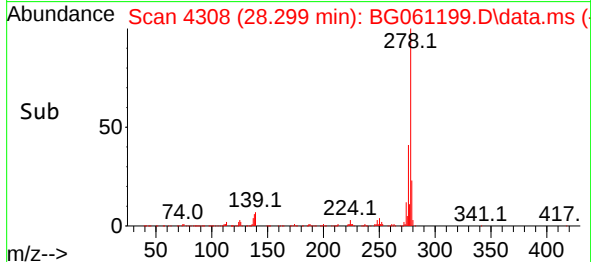
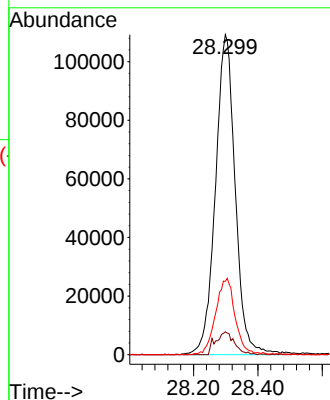
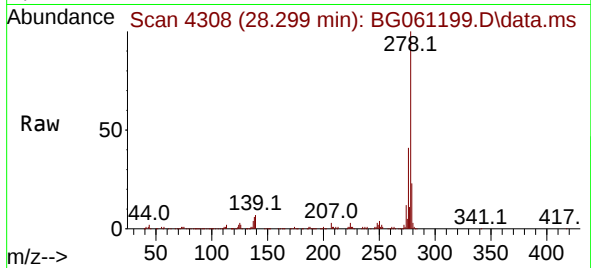
279 22.9 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024

Supervised By :mohammad ahmed 05/17/2024



#92

Benzo(g,h,i)perylene

Concen: 38.387 ng

RT: 29.350 min Scan# 4487

Delta R.T. -0.051 min

Lab File: BG061199.D

Acq: 15 May 2024 9:59

Tgt Ion:276 Resp: 455462

Ion Ratio Lower Upper

276 100

277 23.8 18.2 27.4

138 9.4 6.2 9.2#

