

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121422\
 Data File : BG055959.D
 Acq On : 14 Dec 2022 14:24
 Operator : CG/JU
 Sample : PB149581BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149581BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
 Supervised By :mohammad ahmed 12/16/2022

Quant Time: Dec 15 00:49:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 02:24:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.370	152	6143	20.000	ng	# 0.00
21) Naphthalene-d8	11.207	136	26110	20.000	ng	# 0.00
39) Acenaphthene-d10	14.979	164	27305	20.000	ng	0.00
64) Phenanthrene-d10	17.717	188	81882	20.000	ng	0.00
76) Chrysene-d12	22.024	240	94266	20.000	ng	0.00
86) Perylene-d12	25.514	264	100361	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.884	112	37167	141.890	ng	0.00
7) Phenol-d6	7.494	99	47160	139.985	ng	0.00
23) Nitrobenzene-d5	9.545	82	27903	74.681	ng	0.00
42) 2,4,6-Tribromophenol	16.460	330	81665	124.035	ng	0.00
45) 2-Fluorobiphenyl	13.610	172	133542	68.592	ng	0.00
79) Terphenyl-d14	20.291	244	414017	77.624	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.716	88	2445	32.074	ng	92
3) Pyridine	4.127	79	7170	28.581	ng	# 92
4) n-Nitrosodimethylamine	4.033	42	7767	34.441	ng	# 97
6) Aniline	7.682	93	16175	40.101	ng	# 89
8) 2-Chlorophenol	7.929	128	14466	42.807	ng	95
9) Benzaldehyde	7.494	77	3972	18.773	ng	97
10) Phenol	7.523	94	17126	46.448	ng	98
11) bis(2-Chloroethyl)ether	7.770	93	9355	38.952	ng	94
12) 1,3-Dichlorobenzene	8.258	146	16384	37.479	ng	93
13) 1,4-Dichlorobenzene	8.405	146	16845	37.705	ng	99
14) 1,2-Dichlorobenzene	8.734	146	16519	38.690	ng	98
15) Benzyl Alcohol	8.599	79	15777	45.070	ng	87
16) 2,2'-oxybis(1-Chloropr...	8.892	45	13005	41.605	ng	98
17) 2-Methylphenol	8.798	107	13199	45.498	ng	88
18) Hexachloroethane	9.468	117	5118	37.740	ng	95
19) n-Nitroso-di-n-propyla...	9.175	70	10224	42.339	ng	90
20) 3+4-Methylphenols	9.122	107	18618	44.972	ng	96
22) Acetophenone	9.198	105	23519	36.337	ng	100
24) Nitrobenzene	9.586	77	15020	39.939	ng	96
25) Isophorone	10.109	82	31010	39.580	ng	98
26) 2-Nitrophenol	10.303	139	8883	39.900	ng	95
27) 2,4-Dimethylphenol	10.344	122	16806m	44.948	ng	
28) bis(2-Chloroethoxy)met...	10.585	93	14727	42.531	ng	97
29) 2,4-Dichlorophenol	10.837	162	21744	40.973	ng	96
30) 1,2,4-Trichlorobenzene	11.061	180	24563	35.606	ng	98
31) Naphthalene	11.260	128	48837	35.448	ng	98
32) Benzoic acid	10.467	122	12426	39.828	ng	91
33) 4-Chloroaniline	11.348	127	15666	26.525	ng	# 95
34) Hexachlorobutadiene	11.536	225	21616	33.329	ng	95
35) Caprolactam	12.112	113	6272m	42.419	ng	
36) 4-Chloro-3-methylphenol	12.435	107	21402	43.008	ng	95
37) 2-Methylnaphthalene	12.835	142	45487	37.371	ng	98
38) 1-Methylnaphthalene	13.046	142	43475	36.664	ng	99
40) 1,2,4,5-Tetrachloroben...	13.193	216	41307	35.855	ng	98
41) Hexachlorocyclopentadiene	13.170	237	51421	78.678	ng	99
43) 2,4,6-Trichlorophenol	13.417	196	26590	38.991	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.487	196	30133	39.198	ng	97
46) 1,1'-Biphenyl	13.822	154	69141	37.357	ng	97
47) 2-Chloronaphthalene	13.869	162	55786	37.095	ng	96
48) 2-Nitroaniline	14.051	65	12068	41.135	ng	93
49) Acenaphthylene	14.703	152	88485	36.862	ng	99
50) Dimethylphthalate	14.421	163	89155	37.767	ng	99
51) 2,6-Dinitrotoluene	14.539	165	16961	46.429	ng	97
52) Acenaphthene	15.044	154	67710	42.017	ng	96
53) 3-Nitroaniline	14.868	138	12349	33.234	ng	94
54) 2,4-Dinitrophenol	15.068	184	22721	83.662	ng	# 89
55) Dibenzofuran	15.373	168	102148	37.694	ng	99
56) 4-Nitrophenol	15.156	139	26645	89.483	ng	95
57) 2,4-Dinitrotoluene	15.320	165	25039	45.408	ng	# 90
58) Fluorene	16.019	166	82949	37.445	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.585	232	35527	40.453	ng	99
60) Diethylphthalate	15.773	149	87693	38.006	ng	98
61) 4-Chlorophenyl-phenyle...	16.002	204	59149	39.195	ng	97
62) 4-Nitroaniline	16.031	138	16578	40.968	ng	92
63) Azobenzene	16.296	77	52886	37.658	ng	98
65) 4,6-Dinitro-2-methylph...	16.078	198	14823	37.896	ng	92
66) n-Nitrosodiphenylamine	16.213	169	78625	36.642	ng	98
67) 4-Bromophenyl-phenylether	16.895	248	42155	35.134	ng	95
68) Hexachlorobenzene	17.018	284	55428	37.505	ng	98
69) Atrazine	17.148	200	39224	40.372	ng	96
70) Pentachlorophenol	17.353	266	68653	81.256	ng	93
71) Phenanthrene	17.759	178	156215	36.405	ng	100
72) Anthracene	17.847	178	158429	37.319	ng	100
73) Carbazole	18.111	167	129558	37.003	ng	98
74) Di-n-butylphthalate	18.646	149	145463	35.725	ng	99
75) Fluoranthene	19.744	202	213508	35.533	ng	100
77) Benzidine	19.909	184	63075	38.101	ng	99
78) Pyrene	20.103	202	213726	37.469	ng	98
80) Butylbenzylphthalate	20.978	149	62184	38.472	ng	100
81) Benzo(a)anthracene	22.001	228	245825	37.059	ng	99
82) 3,3'-Dichlorobenzidine	21.901	252	88096	36.913	ng	97
83) Chrysene	22.077	228	229398	36.900	ng	99
84) Bis(2-ethylhexyl)phtha...	21.883	149	91910	38.274	ng	98
85) Di-n-octyl phthalate	23.193	149	156079	38.316	ng	98
87) Indeno(1,2,3-cd)pyrene	29.551	276	331298	41.051	ng	99
88) Benzo(b)fluoranthene	24.398	252	285573	43.967	ng	99
89) Benzo(k)fluoranthene	24.480	252	273475	42.200	ng	97
90) Benzo(a)pyrene	25.356	252	247550	45.089	ng	99
91) Dibenzo(a,h)anthracene	29.627	278	285602	42.281	ng	99
92) Benzo(g,h,i)perylene	30.808	276	275470	42.179	ng	99

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

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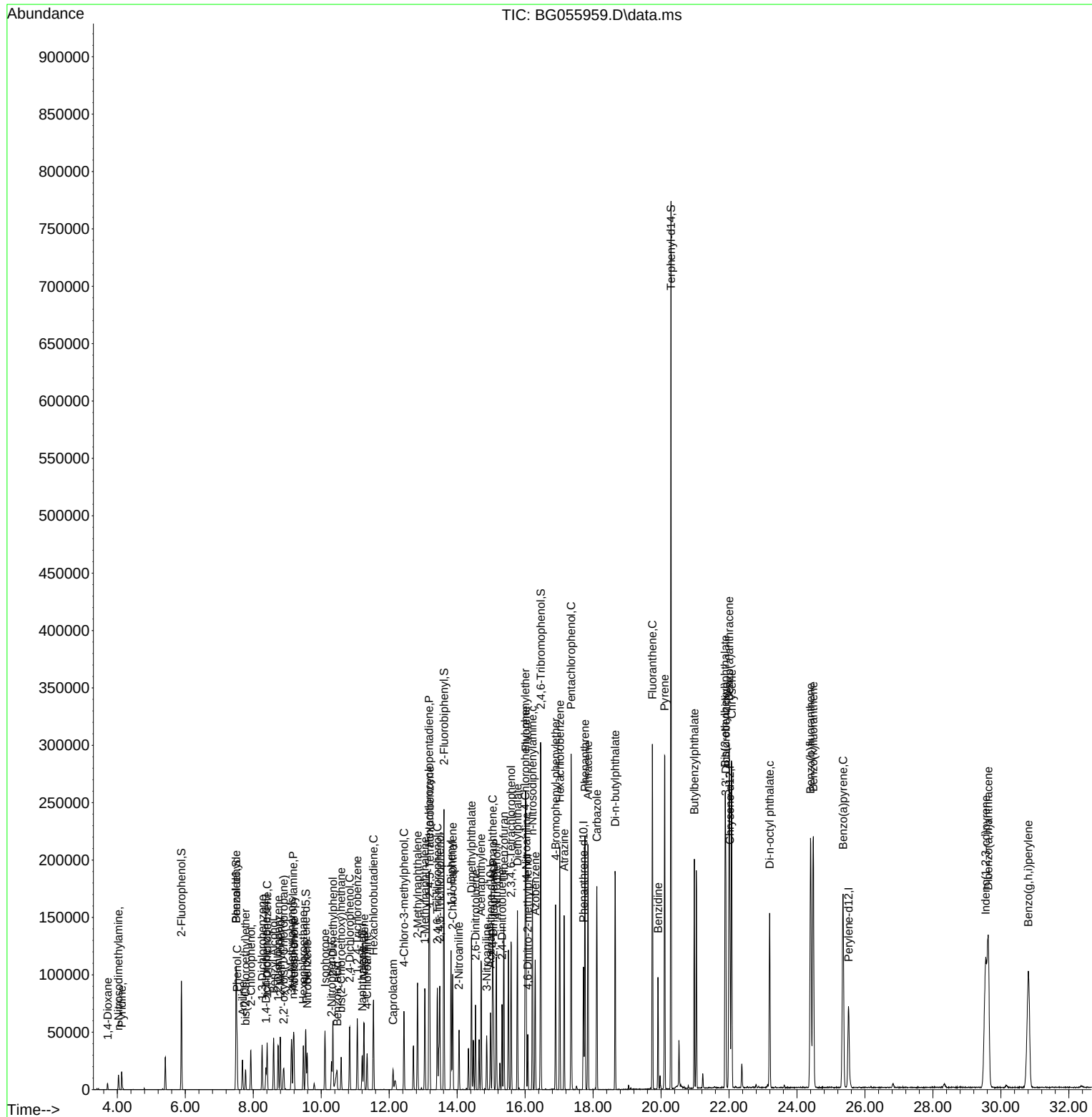
Quant Time: Dec 15 00:49:19 2022

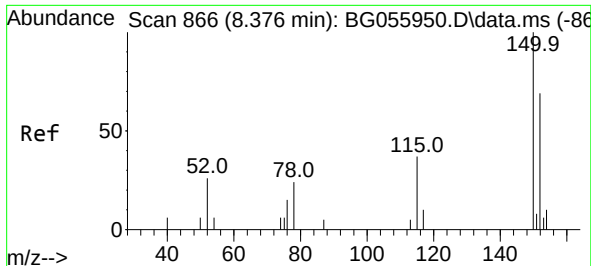
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M

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QLast Update : Wed Dec 14 02:24:06 2022

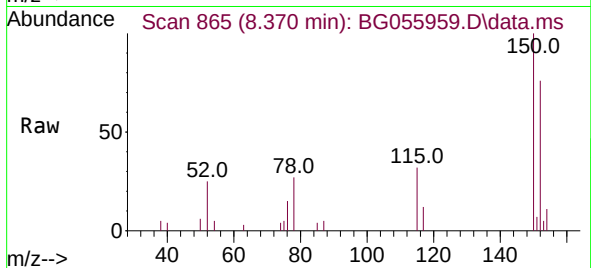
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.370 min Scan# 866
Delta R.T. -0.006 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

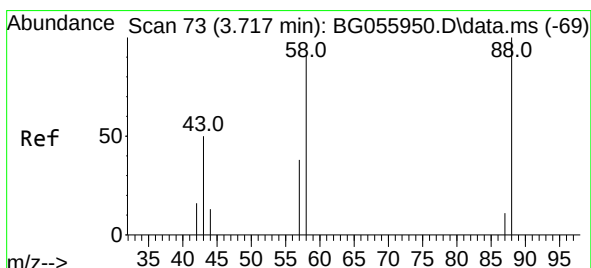
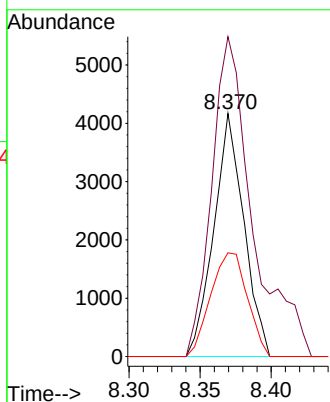
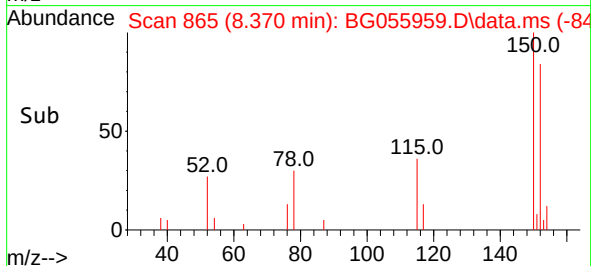
Instrument :
BNA_G
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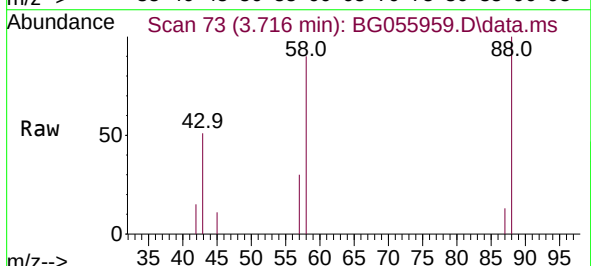
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Ion Ratio Lower Upper
152 100
150 131.6 115.7 173.5
115 42.7 43.0 64.4

Manual Integrations
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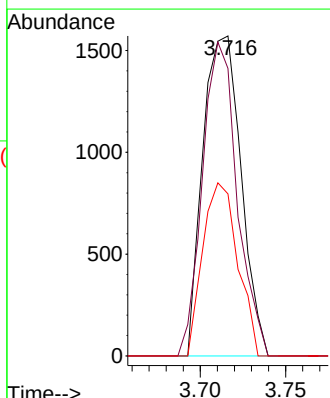
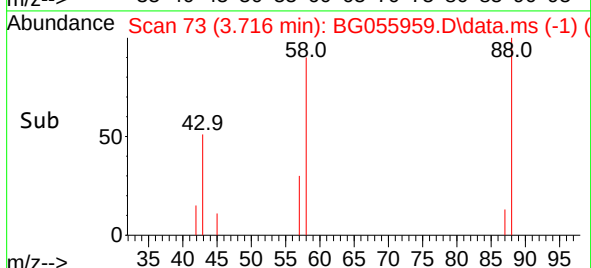
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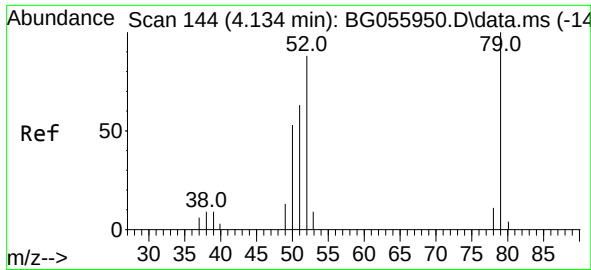


#2
1,4-Dioxane
Concen: 32.074 ng
RT: 3.716 min Scan# 73
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24



Tgt Ion: 88 Resp: 2445
Ion Ratio Lower Upper
88 100
58 89.4 67.0 100.4
43 49.5 45.7 68.5





#3
Pyridine
Concen: 28.581 ng
RT: 4.127 min Scan# 14
Delta R.T. -0.007 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

Instrument :

BNA_G

ClientSampleId :

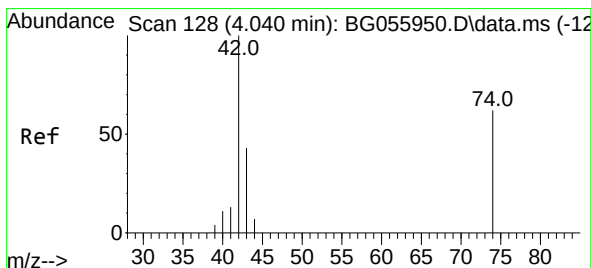
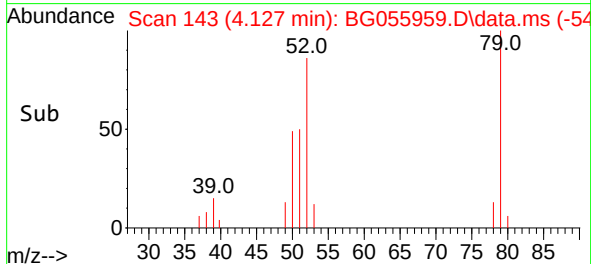
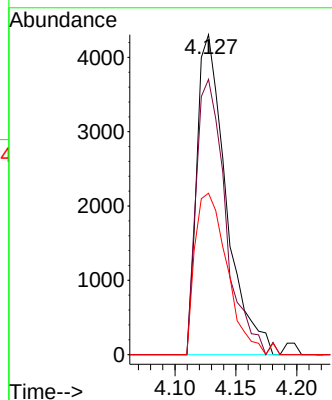
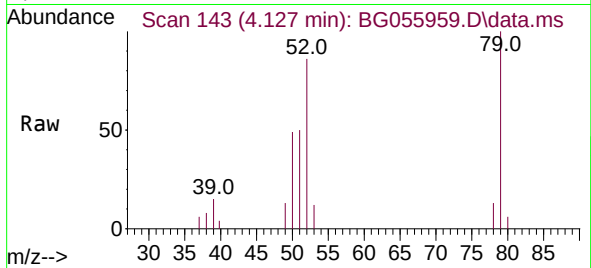
PB149581BS

Tgt Ion: 79 Resp: 7170
Ion Ratio Lower Upper
79 100
52 86.0 70.3 105.5
51 50.5 50.6 76.0

Manual Integrations

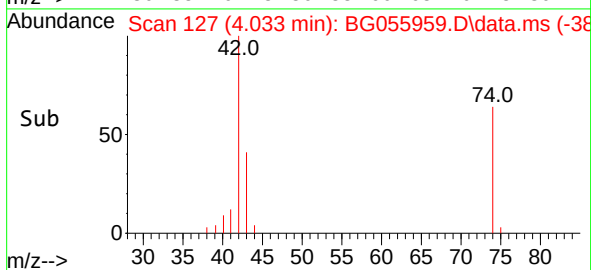
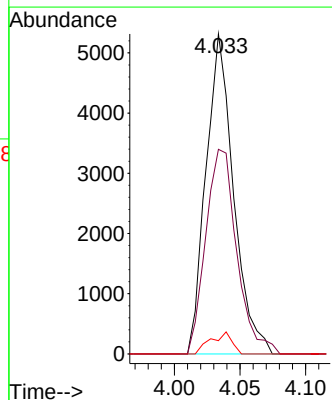
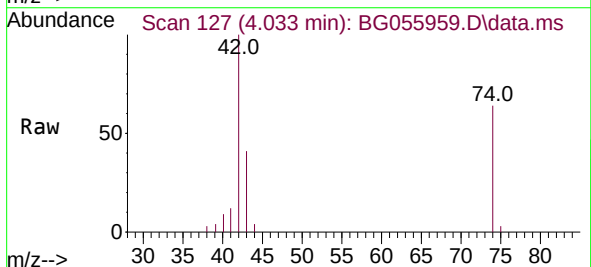
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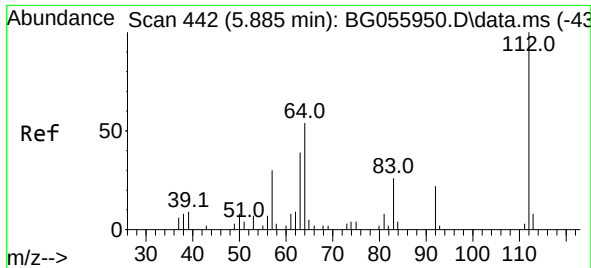
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#4
n-Nitrosodimethylamine
Concen: 34.441 ng
RT: 4.033 min Scan# 127
Delta R.T. -0.007 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

Tgt Ion: 42 Resp: 7767
Ion Ratio Lower Upper
42 100
74 63.9 49.8 74.6
44 4.1 5.2 7.8





#5
2-Fluorophenol
Concen: 141.890 ng
RT: 5.884 min Scan# 442
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

Instrument :

BNA_G

ClientSampleId :

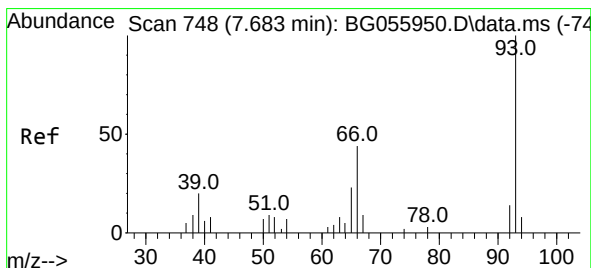
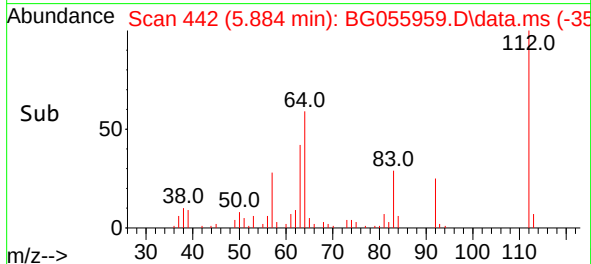
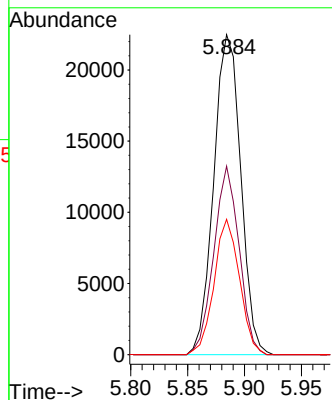
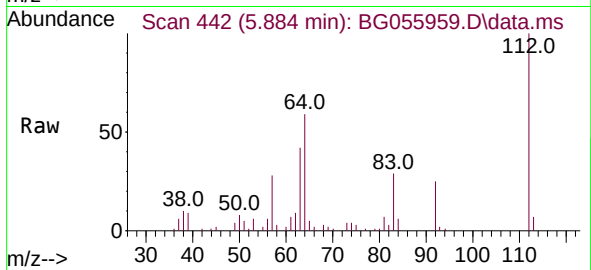
PB149581BS

Tgt Ion:112 Resp: 37162
Ion Ratio Lower Upper
112 100
64 58.9 43.0 64.4
63 42.3 31.4 47.2

Manual Integrations

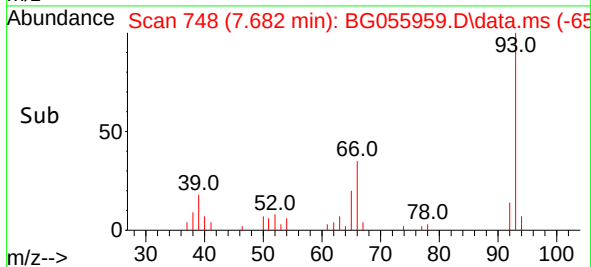
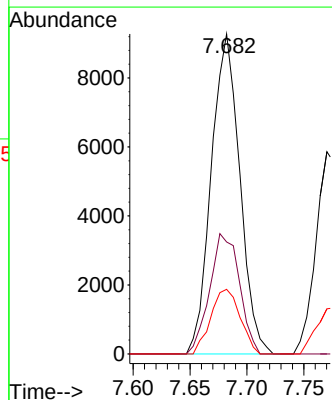
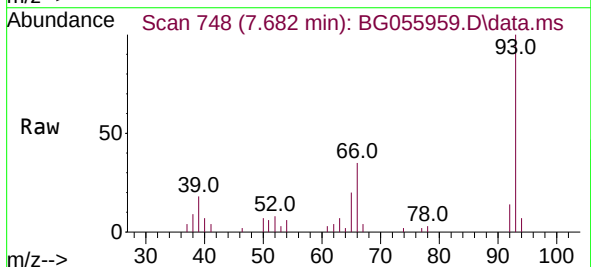
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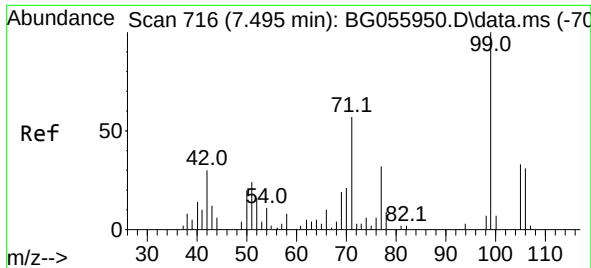
Reviewed By :Jagrut Upadhyay 12/15/2022
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#6
Aniline
Concen: 40.101 ng
RT: 7.682 min Scan# 748
Delta R.T. -0.001 min
Lab File: BG055959.D
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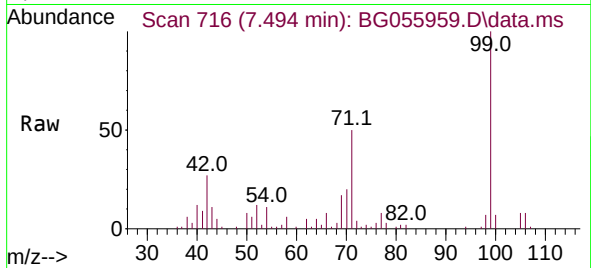
Tgt Ion: 93 Resp: 16175
Ion Ratio Lower Upper
93 100
66 35.0 35.5 53.3#
65 20.2 18.2 27.2





#7
Phenol-d6
Concen: 139.985 ng
RT: 7.494 min Scan# 716
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

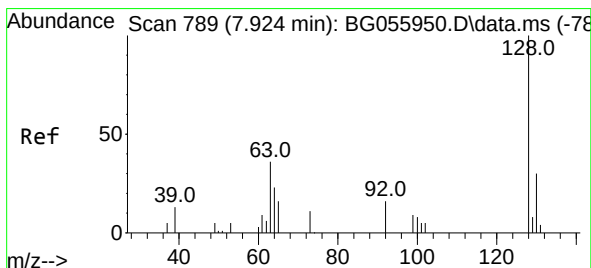
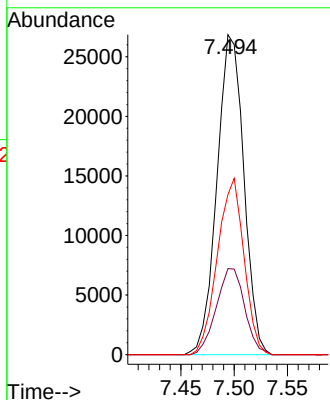
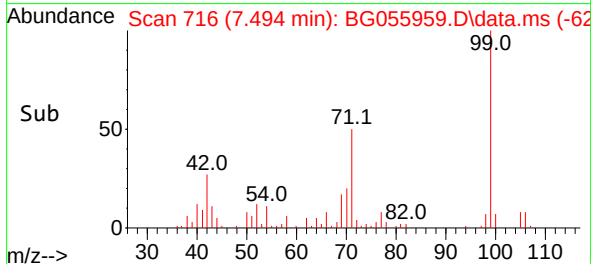
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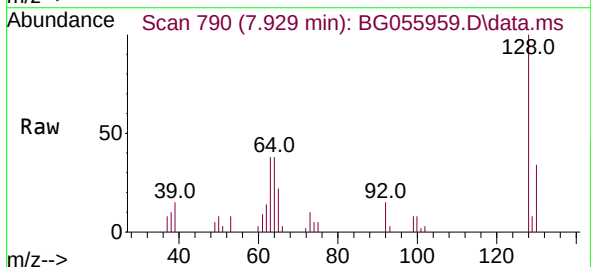
Tgt Ion: 99 Resp: 47160
Ion Ratio Lower Upper
99 100
42 26.9 24.3 36.5
71 50.0 45.6 68.4

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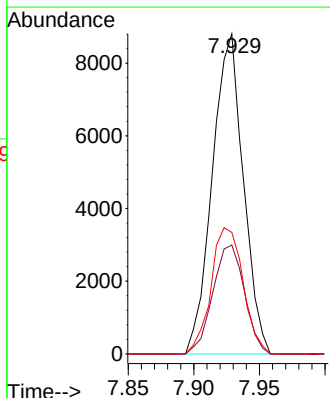
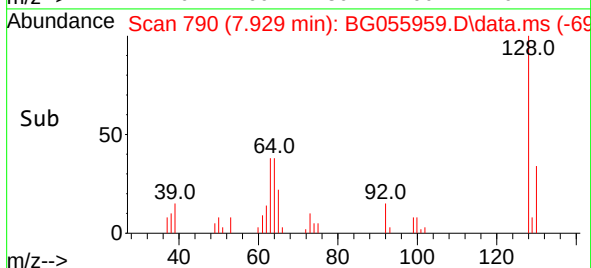
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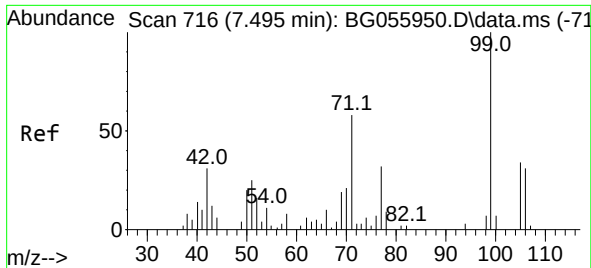


#8
2-Chlorophenol
Concen: 42.807 ng
RT: 7.929 min Scan# 790
Delta R.T. 0.005 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24



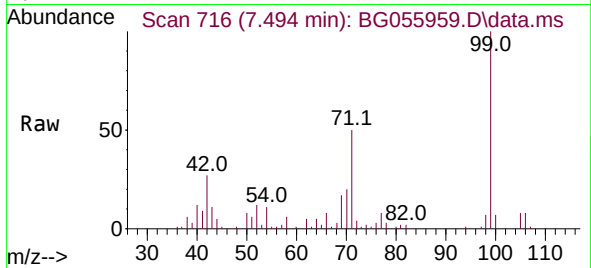
Tgt Ion:128 Resp: 14466
Ion Ratio Lower Upper
128 100
130 34.0 9.9 49.9
64 38.0 16.7 56.7





#9
Benzaldehyde
Concen: 18.773 ng
RT: 7.494 min Scan# 716
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

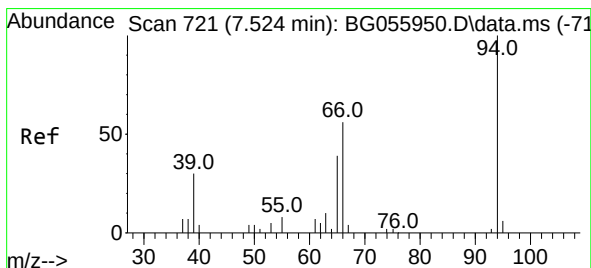
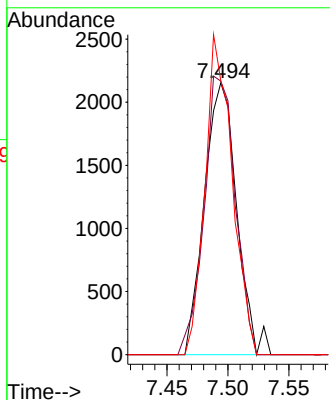
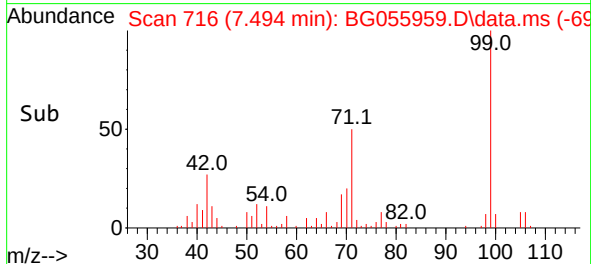
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Tgt Ion: 77 Resp: 3972
Ion Ratio Lower Upper
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105 100.7 83.1 123.1
106 100.8 76.3 116.3

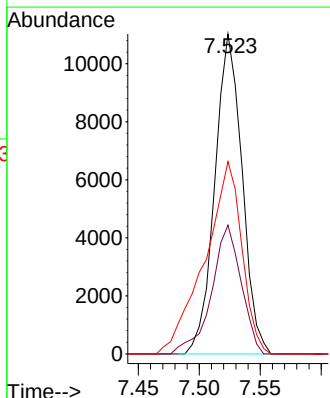
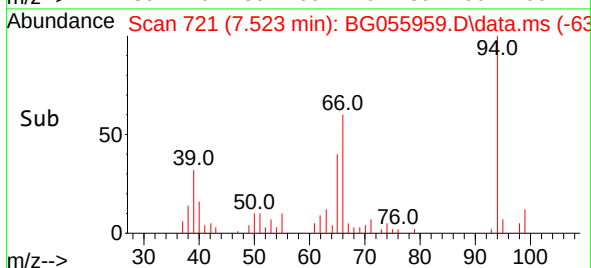
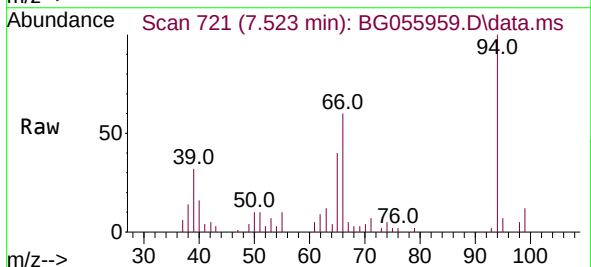
Manual Integrations
APPROVED

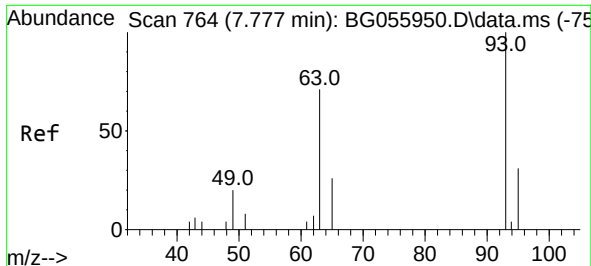
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#10
Phenol
Concen: 46.448 ng
RT: 7.523 min Scan# 721
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

Tgt Ion: 94 Resp: 17126
Ion Ratio Lower Upper
94 100
65 40.2 18.9 58.9
66 60.1 41.5 81.5





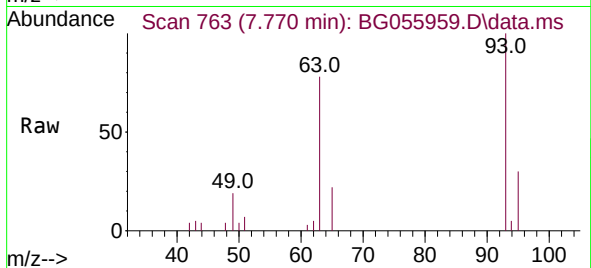
#11
bis(2-Chloroethyl)ether
Concen: 38.952 ng
RT: 7.770 min Scan# 763
Delta R.T. -0.007 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

Instrument :

BNA_G

ClientSampleId :

PB149581BS

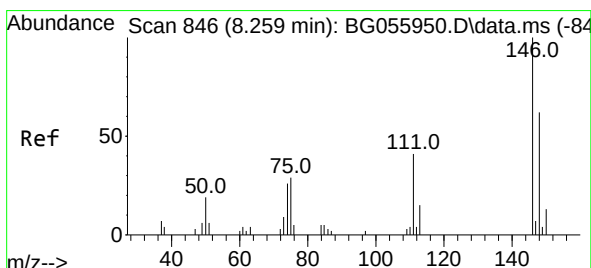
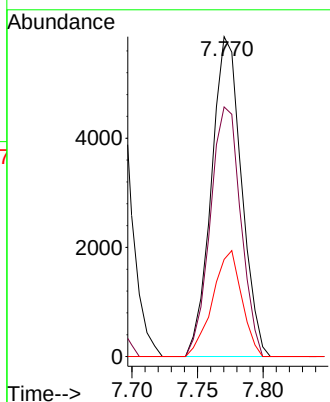
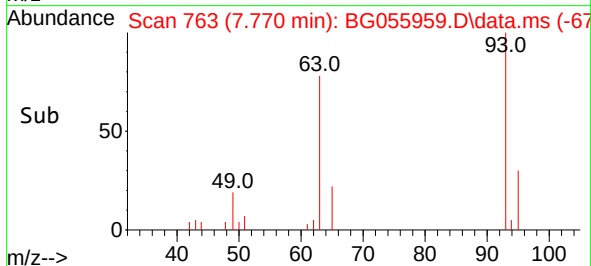


Tgt Ion: 93 Resp: 935
Ion Ratio Lower Upper
93 100
63 78.0 51.4 91.4
95 30.4 11.3 51.3

Manual Integrations

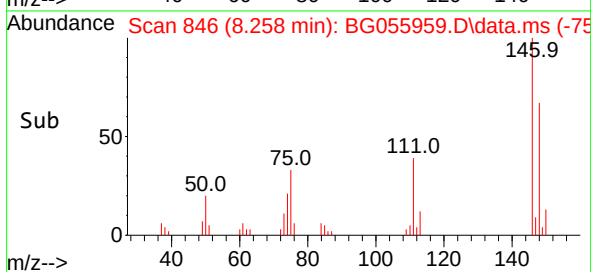
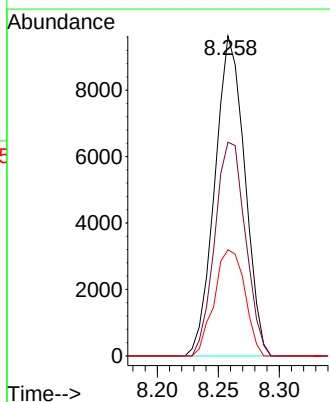
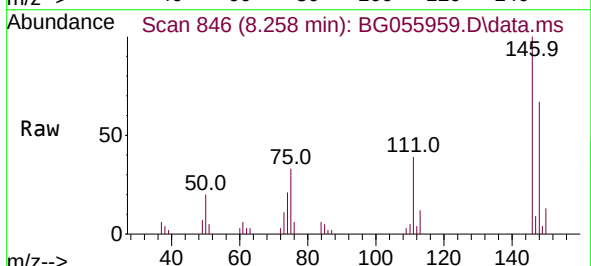
APPROVED

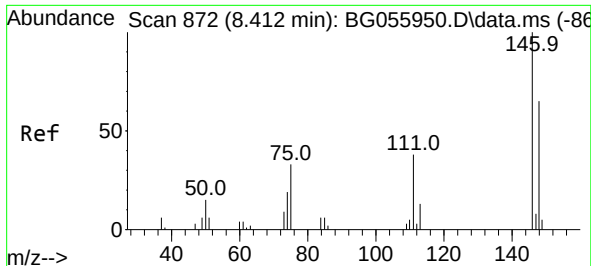
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#12
1,3-Dichlorobenzene
Concen: 37.479 ng
RT: 8.258 min Scan# 846
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

Tgt Ion:146 Resp: 16384
Ion Ratio Lower Upper
146 100
148 66.8 49.7 74.5
75 33.2 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 37.705 ng

RT: 8.405 min Scan# 81

Delta R.T. -0.007 min

Lab File: BG055959.D

Acq: 14 Dec 2022 14:24

Instrument :

BNA_G

ClientSampleId :

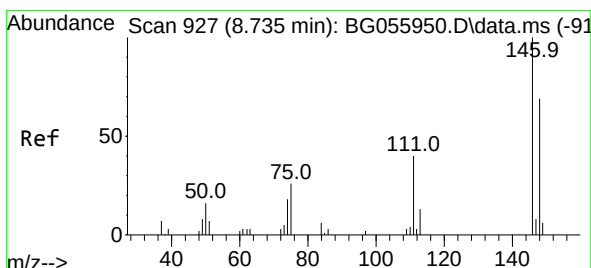
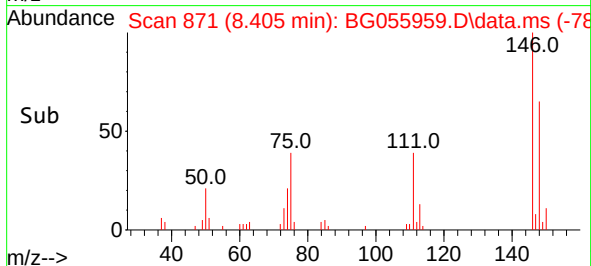
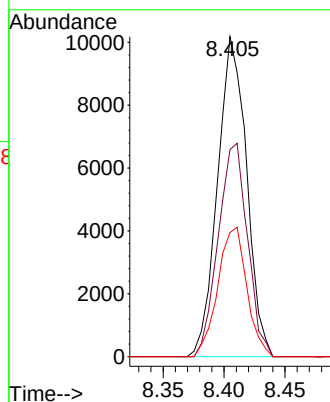
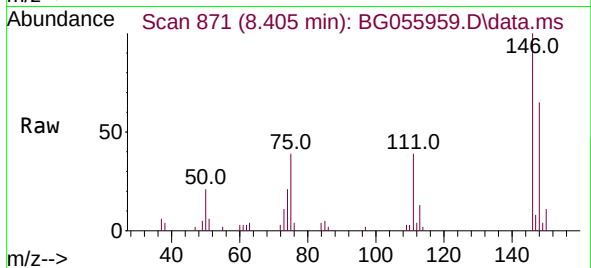
PB149581BS

Tgt Ion:146	Resp:	16845
Ion Ratio	Lower	Upper
146	100	
148	64.7	52.4 78.6
111	38.8	30.6 46.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#14

1,2-Dichlorobenzene

Concen: 38.690 ng

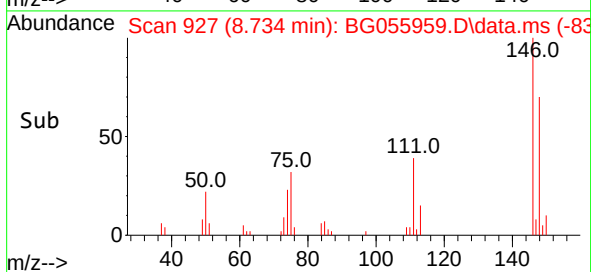
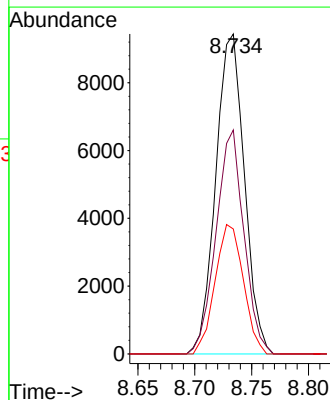
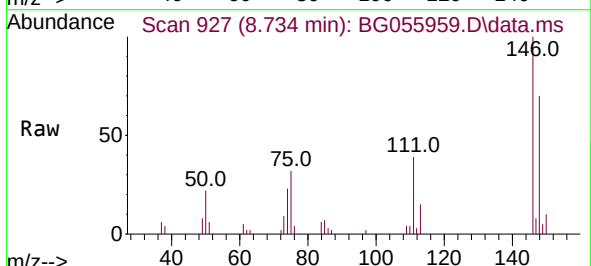
RT: 8.734 min Scan# 927

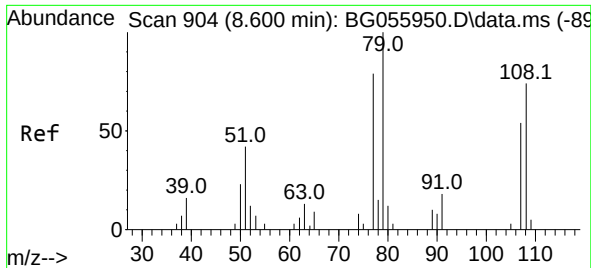
Delta R.T. -0.001 min

Lab File: BG055959.D

Acq: 14 Dec 2022 14:24

Tgt Ion:146	Resp:	16519
Ion Ratio	Lower	Upper
146	100	
148	70.0	55.1 82.7
111	39.0	32.4 48.6





#15
Benzyl Alcohol
Concen: 45.070 ng
RT: 8.599 min Scan# 904
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

Instrument :

BNA_G

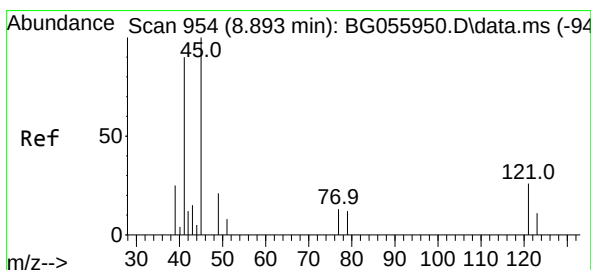
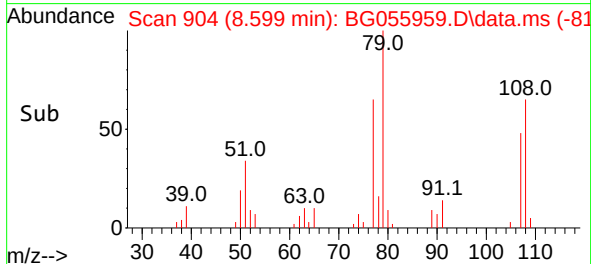
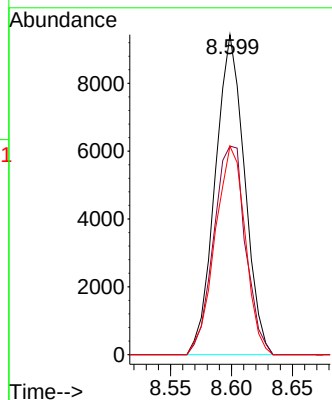
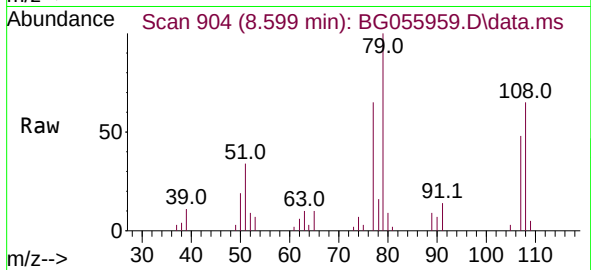
ClientSampleId :

PB149581BS

Tgt Ion: 79 Resp: 1577
Ion Ratio Lower Upper
79 100
108 65.2 59.5 89.3
77 65.1 63.0 94.6

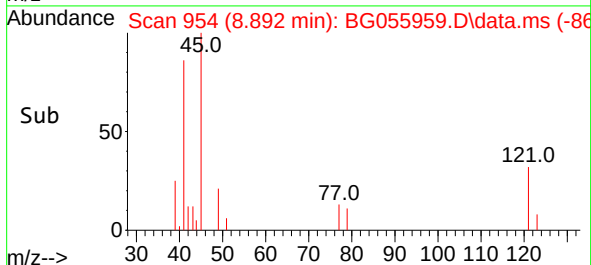
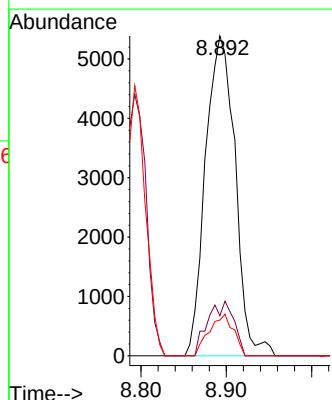
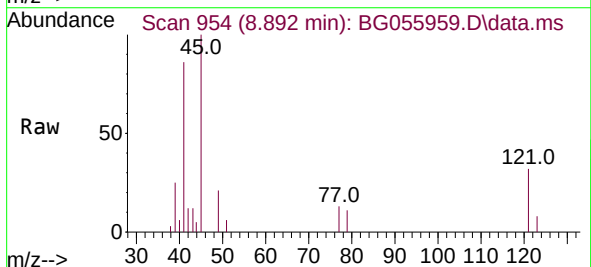
Manual Integrations
APPROVED

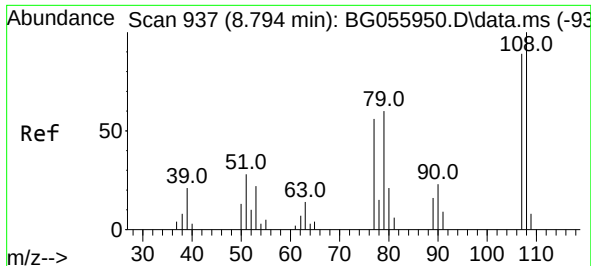
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.605 ng
RT: 8.892 min Scan# 954
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

Tgt Ion: 45 Resp: 13005
Ion Ratio Lower Upper
45 100
77 12.6 0.0 33.4
79 11.2 0.0 31.8





#17

2-Methylphenol

Concen: 45.498 ng

RT: 8.798 min Scan# 93

Delta R.T. 0.005 min

Lab File: BG055959.D

Acq: 14 Dec 2022 14:24

Instrument :

BNA_G

ClientSampleId :

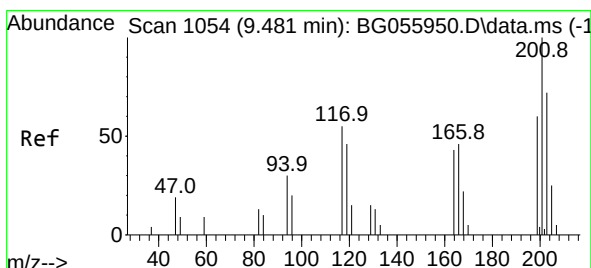
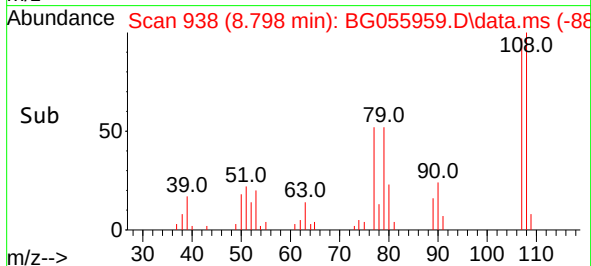
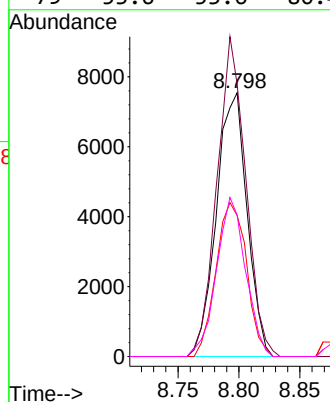
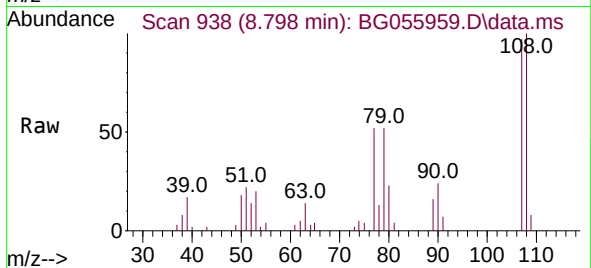
PB149581BS

Tgt Ion:	107	Resp:	1319
Ion Ratio	Lower	Upper	
107	100		
108	103.1	89.8	134.8
77	53.4	50.2	75.2
79	53.6	53.6	80.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#18

Hexachloroethane

Concen: 37.740 ng

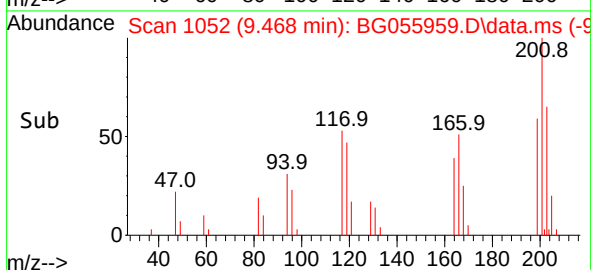
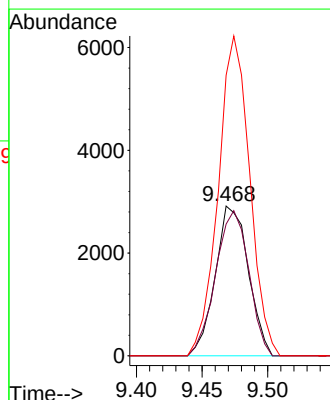
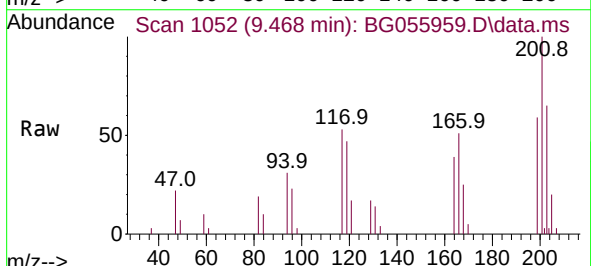
RT: 9.468 min Scan# 1052

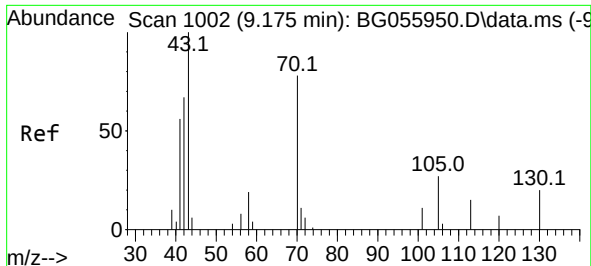
Delta R.T. -0.013 min

Lab File: BG055959.D

Acq: 14 Dec 2022 14:24

Tgt Ion:	117	Resp:	5118
Ion Ratio	Lower	Upper	
117	100		
119	87.9	66.8	100.2
201	187.2	144.6	217.0





#19

n-Nitroso-di-n-propylamine

Concen: 42.339 ng

RT: 9.175 min Scan# 10

Delta R.T. -0.001 min

Lab File: BG055959.D

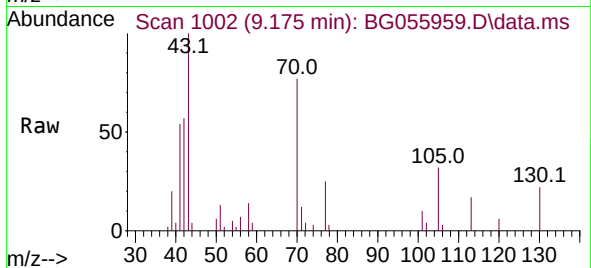
Acq: 14 Dec 2022 14:24

Instrument :

BNA_G

ClientSampleId :

PB149581BS



Tgt Ion: 70 Resp: 10224

Ion Ratio Lower Upper

70 100

42 74.3 69.0 103.4

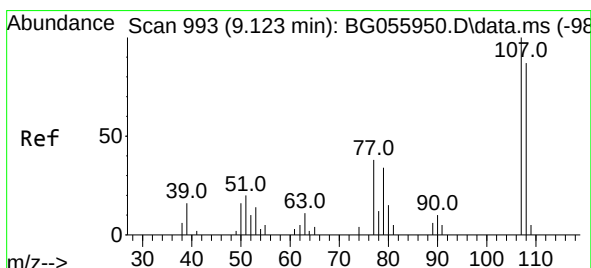
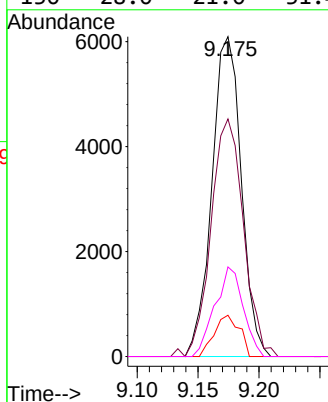
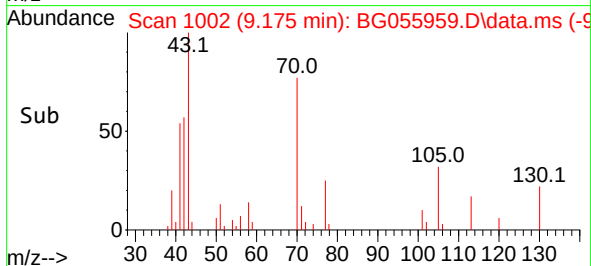
101 12.9 11.8 17.8

130 28.0 21.0 31.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#20

3+4-Methylphenols

Concen: 44.972 ng

RT: 9.122 min Scan# 993

Delta R.T. -0.001 min

Lab File: BG055959.D

Acq: 14 Dec 2022 14:24

Tgt Ion:107 Resp: 18618

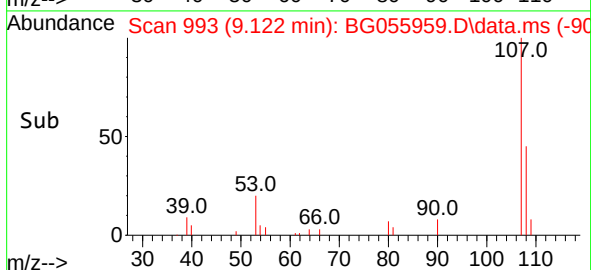
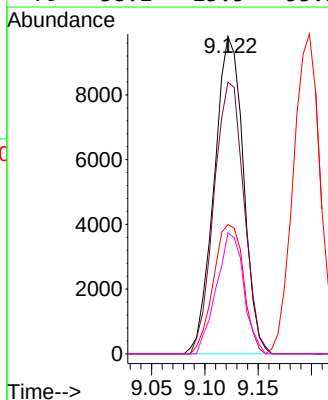
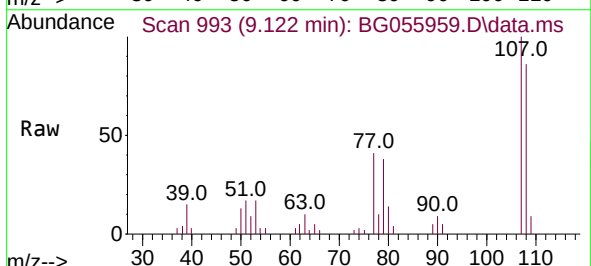
Ion Ratio Lower Upper

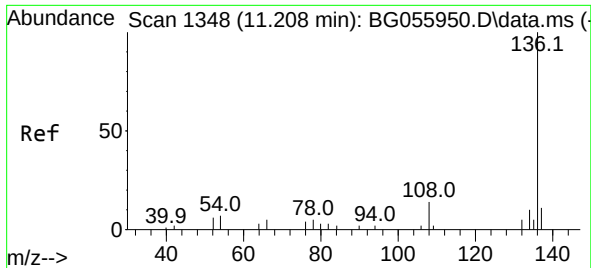
107 100

108 85.6 67.0 107.0

77 40.7 18.3 58.3

79 38.1 13.5 53.5





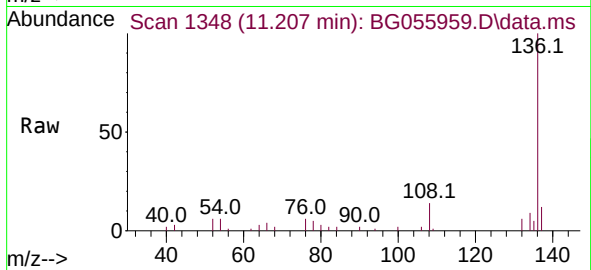
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.207 min Scan# 1348
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

Instrument :

BNA_G

ClientSampleId :

PB149581BS

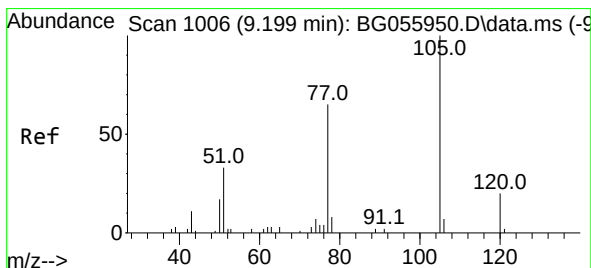
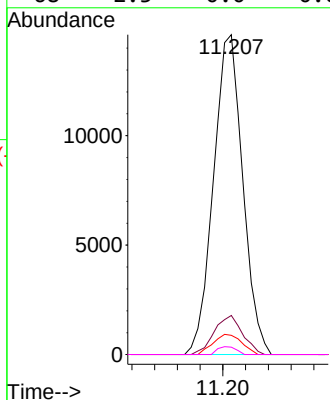
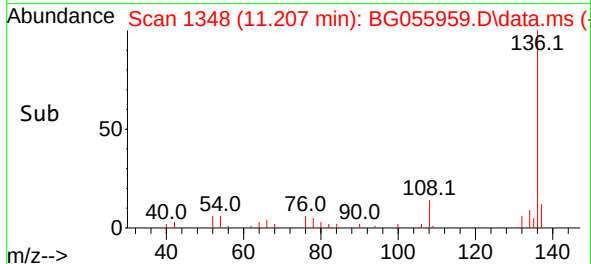


Tgt Ion:136 Resp: 26110
Ion Ratio Lower Upper
136 100
137 12.2 9.2 13.8
54 6.0 5.6 8.4
68 2.3 0.0 0.0#

Manual Integrations

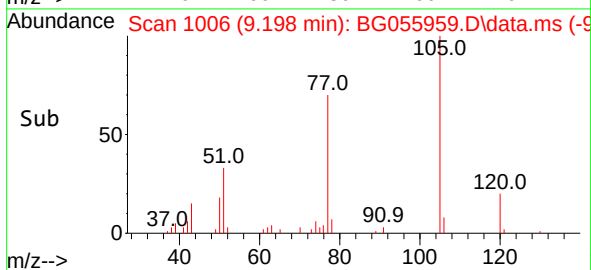
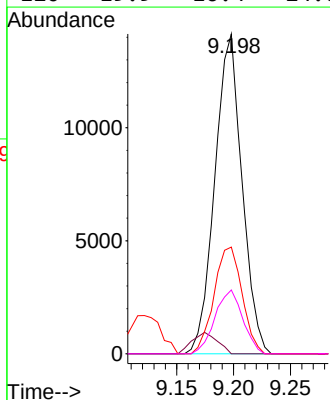
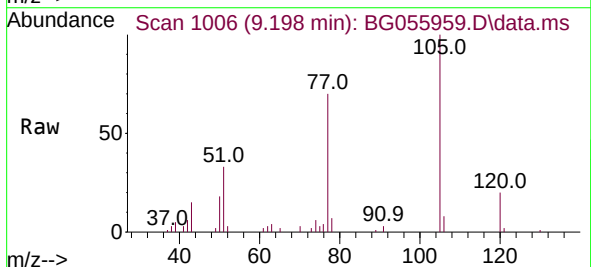
APPROVED

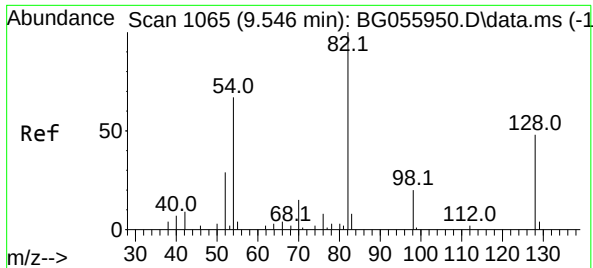
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#22
Acetophenone
Concen: 36.337 ng
RT: 9.198 min Scan# 1006
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

Tgt Ion:105 Resp: 23519
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 33.4 26.7 40.1
120 19.9 16.4 24.6





#23
Nitrobenzene-d5
Concen: 74.681 ng
RT: 9.545 min Scan# 1065
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

Instrument :

BNA_G

ClientSampleId :

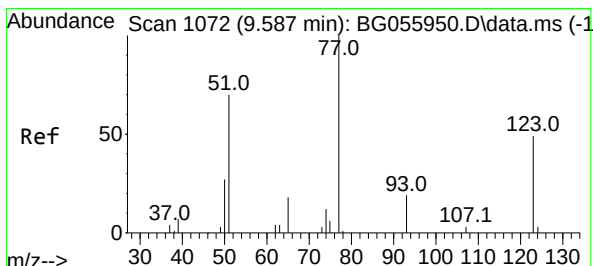
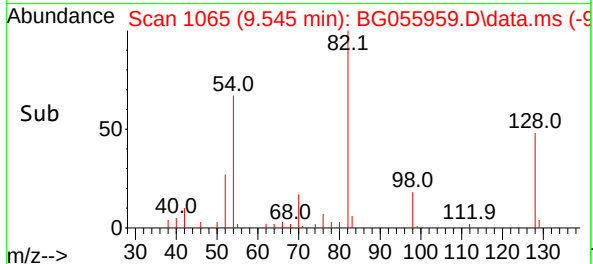
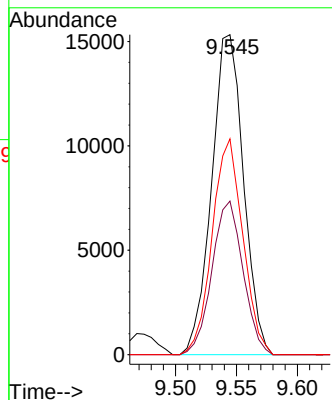
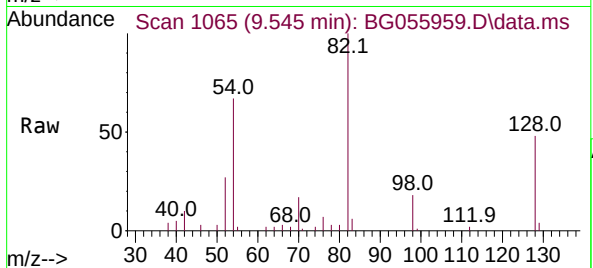
PB149581BS

Tgt Ion: 82 Resp: 27903
Ion Ratio Lower Upper
82 100
128 48.0 38.4 57.6
54 67.4 53.3 79.9

Manual Integrations

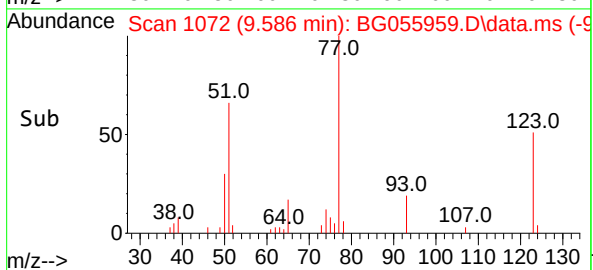
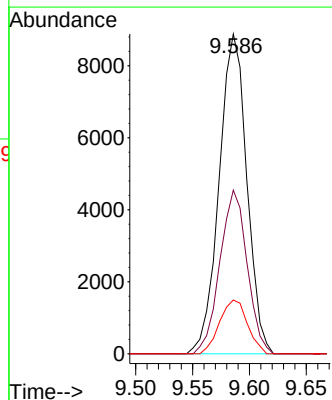
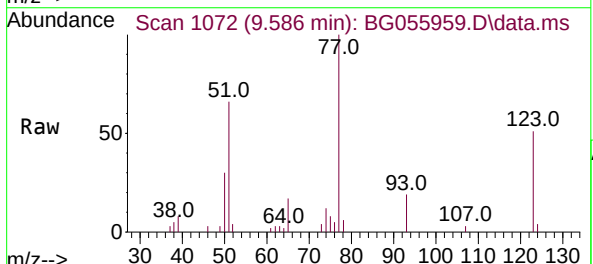
APPROVED

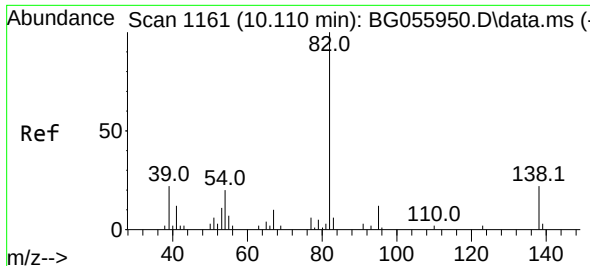
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#24
Nitrobenzene
Concen: 39.939 ng
RT: 9.586 min Scan# 1072
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

Tgt Ion: 77 Resp: 15020
Ion Ratio Lower Upper
77 100
123 51.2 38.9 58.3
65 16.8 14.7 22.1





#25
Isophorone
Concen: 39.580 ng
RT: 10.109 min Scan# 1161
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

Instrument :

BNA_G

ClientSampleId :

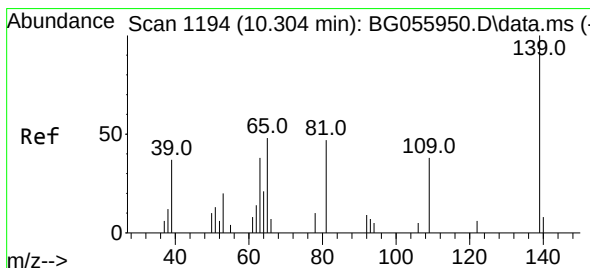
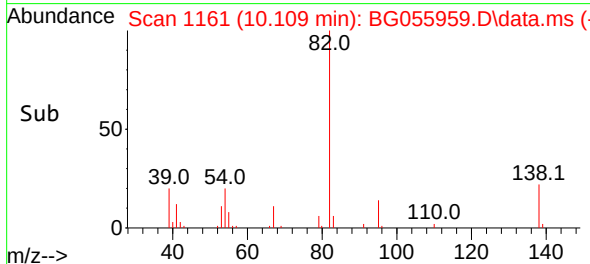
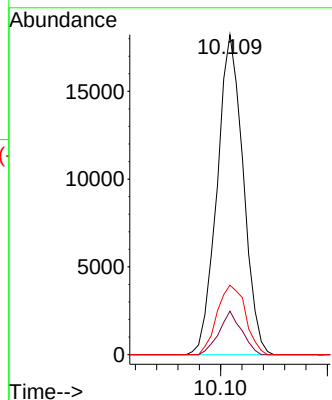
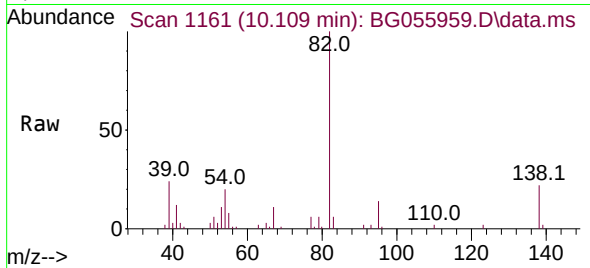
PB149581BS

Tgt Ion: 82 Resp: 31010
Ion Ratio Lower Upper
82 100
95 13.6 9.4 14.0
138 21.7 17.7 26.5

Manual Integrations

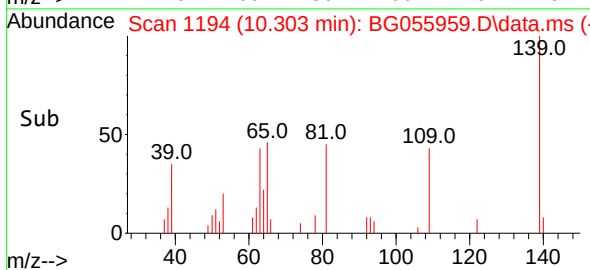
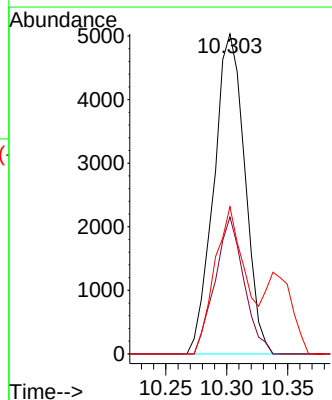
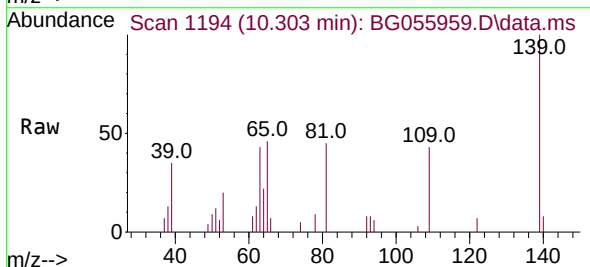
APPROVED

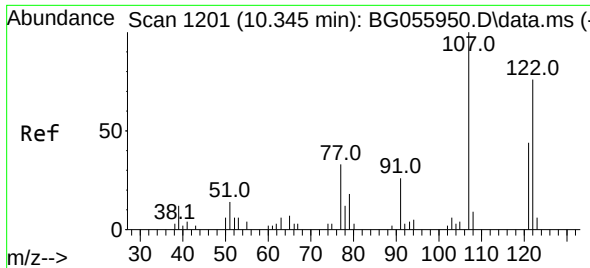
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#26
2-Nitrophenol
Concen: 39.900 ng
RT: 10.303 min Scan# 1194
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

Tgt Ion:139 Resp: 8883
Ion Ratio Lower Upper
139 100
109 42.8 30.7 46.1
65 46.0 38.8 58.2





#27
2,4-Dimethylphenol
Concen: 44.948 ng m
RT: 10.344 min Scan# 1201
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

Instrument :

BNA_G

ClientSampleId :

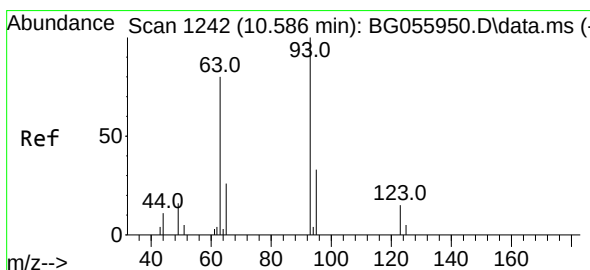
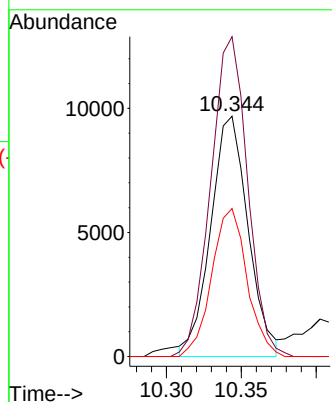
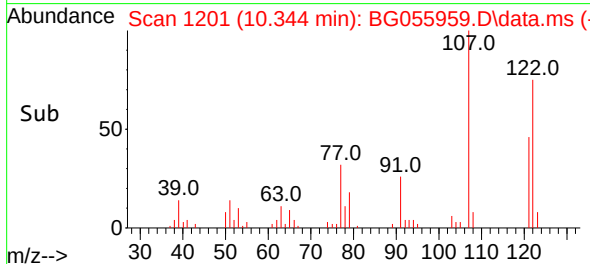
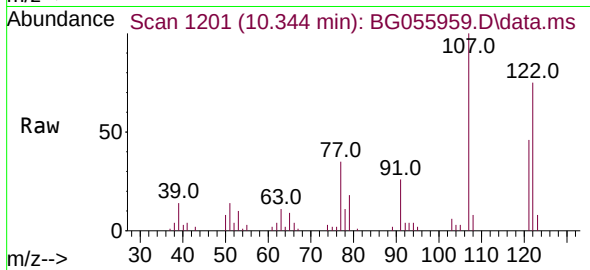
PB149581BS

Tgt Ion:122 Resp: 16806
Ion Ratio Lower Upper
122 100
107 133.1 105.9 158.9
121 61.6 46.1 69.1

Manual Integrations

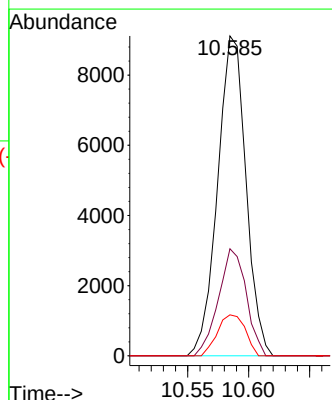
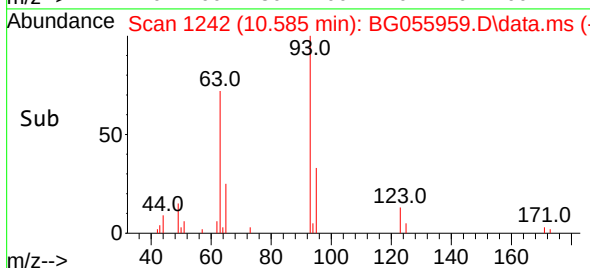
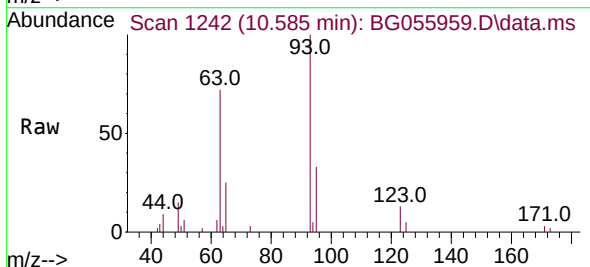
APPROVED

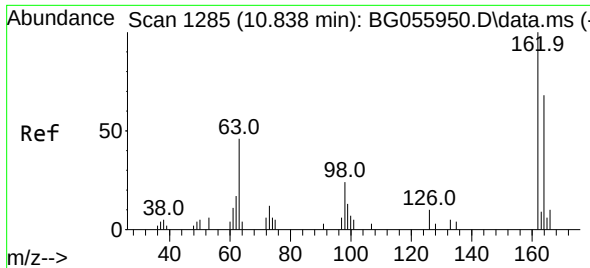
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#28
bis(2-Chloroethoxy)methane
Concen: 42.531 ng
RT: 10.585 min Scan# 1242
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

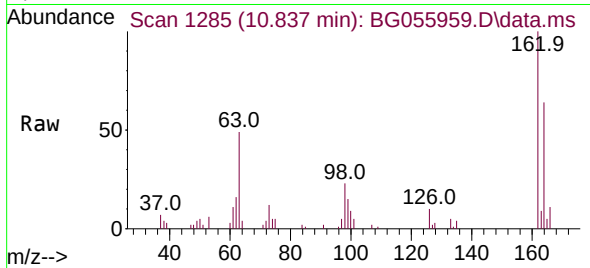
Tgt Ion: 93 Resp: 14727
Ion Ratio Lower Upper
93 100
95 33.5 26.3 39.5
123 12.8 12.2 18.2





#29
2,4-Dichlorophenol
Concen: 40.973 ng
RT: 10.837 min Scan# 1285
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

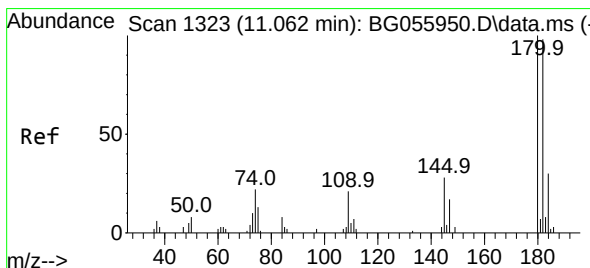
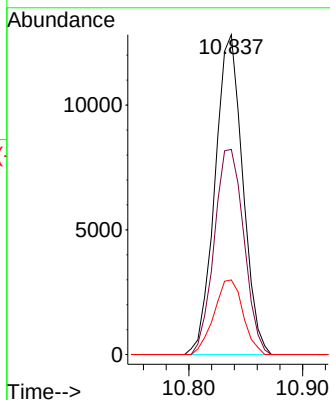
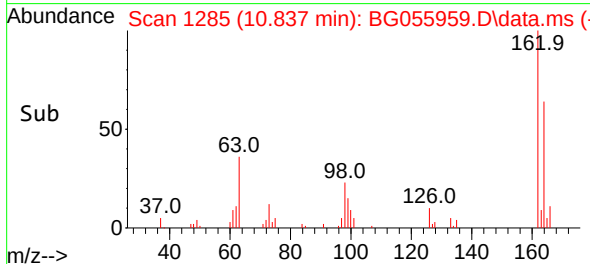
Instrument :
BNA_G
ClientSampleId :
PB149581BS



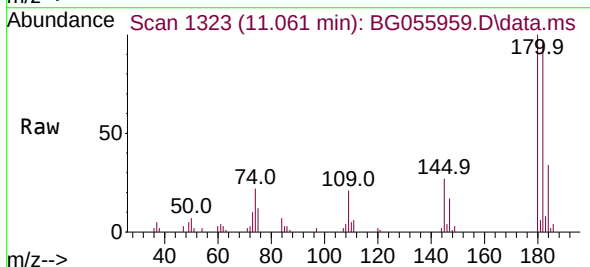
Tgt Ion:162 Resp: 21744
Ion Ratio Lower Upper
162 100
164 64.1 47.5 87.5
98 23.3 4.3 44.3

Manual Integrations
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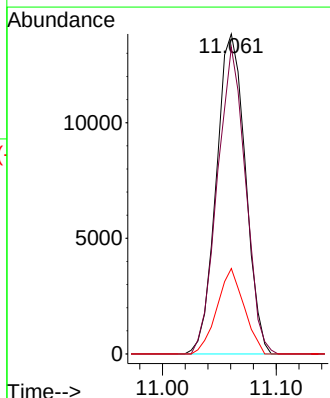
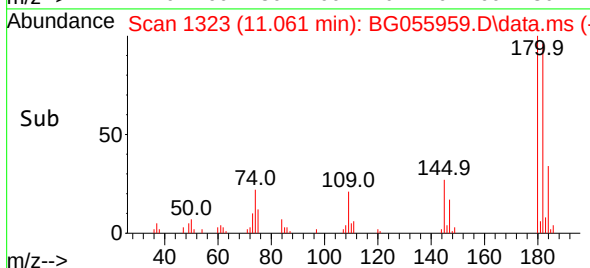
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

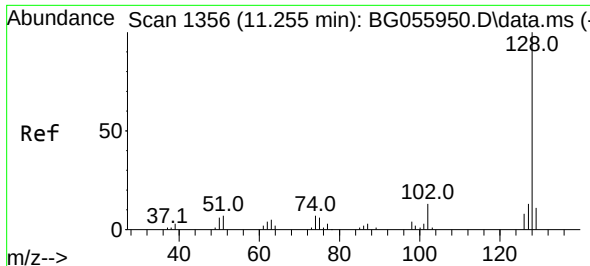


#30
1,2,4-Trichlorobenzene
Concen: 35.606 ng
RT: 11.061 min Scan# 1323
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24



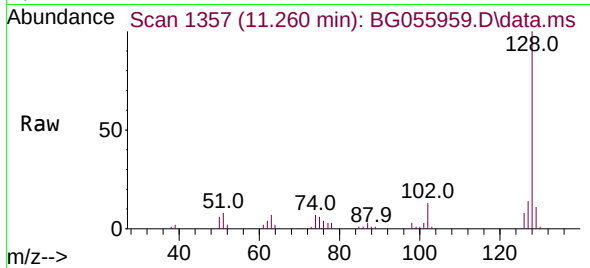
Tgt Ion:180 Resp: 24563
Ion Ratio Lower Upper
180 100
182 95.8 78.1 117.1
145 26.7 22.4 33.6





#31
Naphthalene
Concen: 35.448 ng
RT: 11.260 min Scan# 1357
Delta R.T. 0.005 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

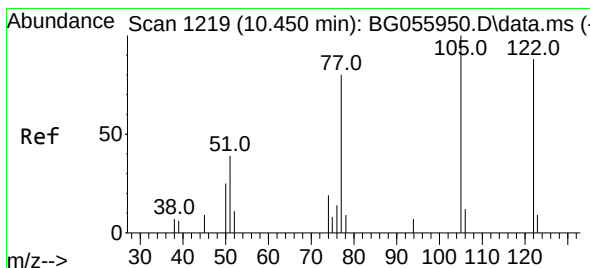
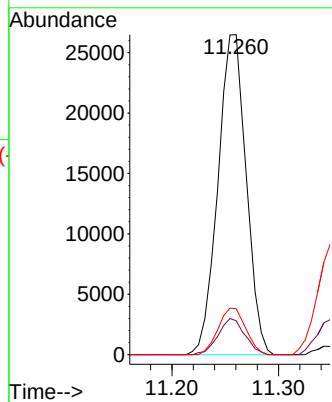
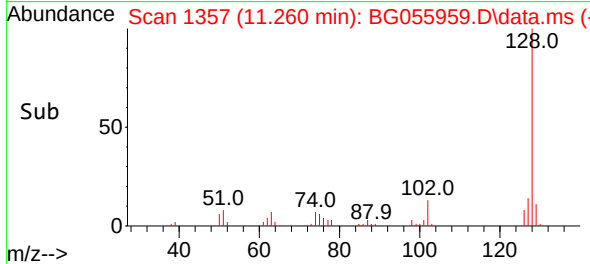
Instrument :
BNA_G
ClientSampleId :
PB149581BS



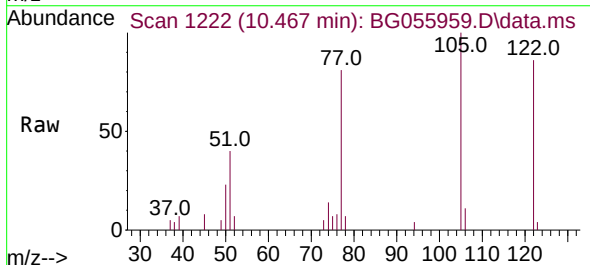
Tgt Ion:128 Resp: 4883
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 14.3 10.3 15.5

Manual Integrations
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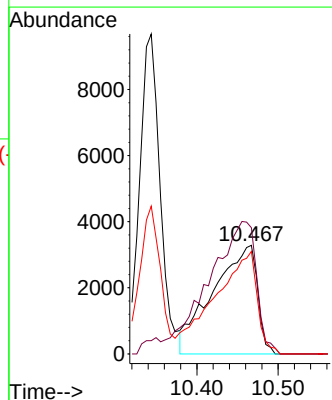
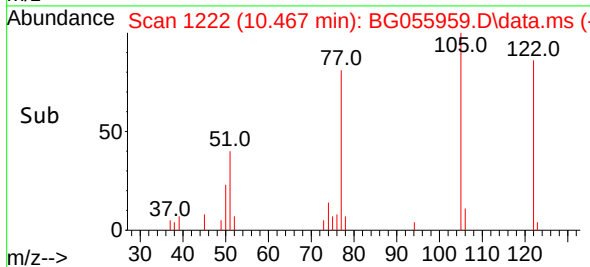
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

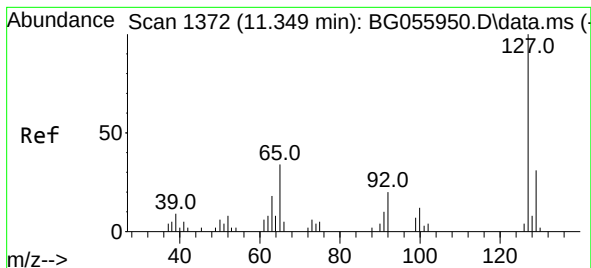


#32
Benzoic acid
Concen: 39.828 ng
RT: 10.467 min Scan# 1222
Delta R.T. 0.017 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24



Tgt Ion:122 Resp: 12426
Ion Ratio Lower Upper
122 100
105 116.3 90.6 130.6
77 94.4 61.0 101.0





#33
4-Chloroaniline
Concen: 26.525 ng
RT: 11.348 min Scan# 1372
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

Instrument :

BNA_G

ClientSampleId :

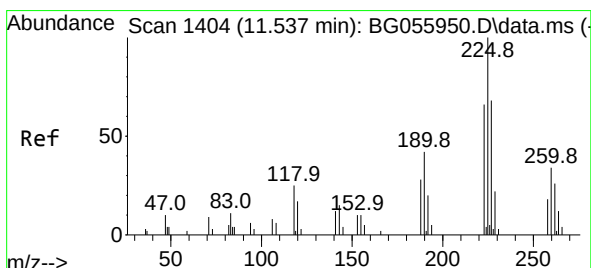
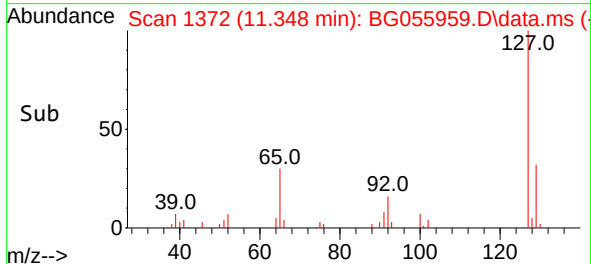
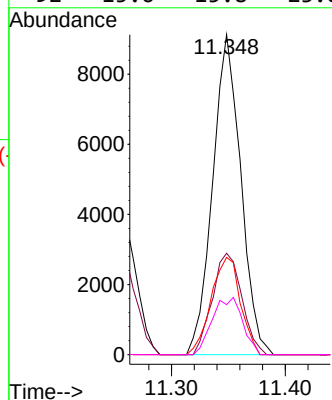
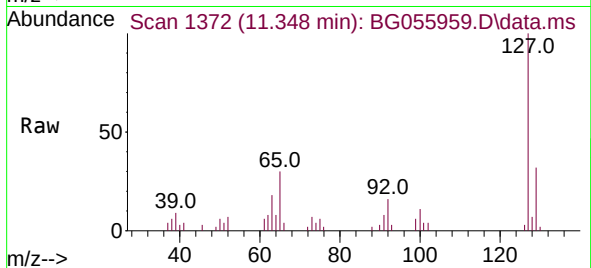
PB149581BS

Tgt Ion:127 Resp: 1566
Ion Ratio Lower Upper
127 100
129 31.7 24.5 36.7
65 30.4 27.1 40.7
92 15.6 15.8 23.8#

Manual Integrations

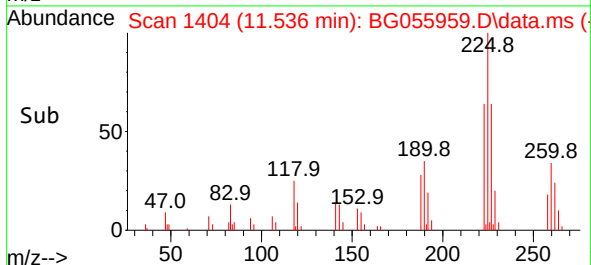
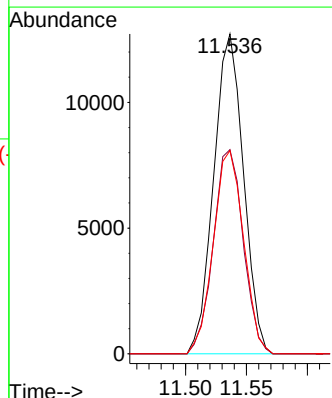
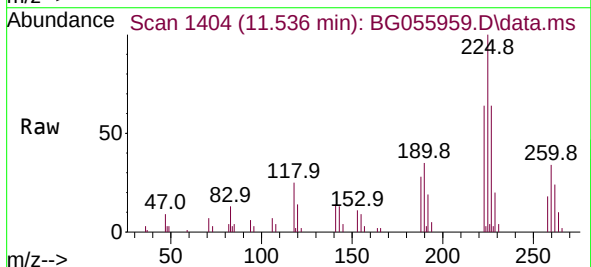
APPROVED

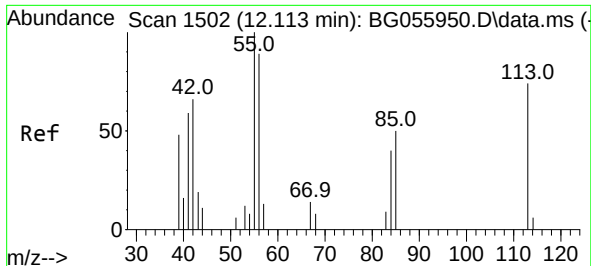
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#34
Hexachlorobutadiene
Concen: 33.329 ng
RT: 11.536 min Scan# 1404
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

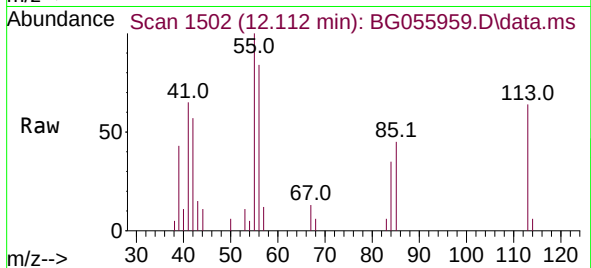
Tgt Ion:225 Resp: 21616
Ion Ratio Lower Upper
225 100
223 63.8 53.2 79.8
227 63.5 54.7 82.1





#35
 Caprolactam
 Concen: 42.419 ng m
 RT: 12.112 min Scan# 11
 Delta R.T. -0.001 min
 Lab File: BG055959.D
 Acq: 14 Dec 2022 14:24

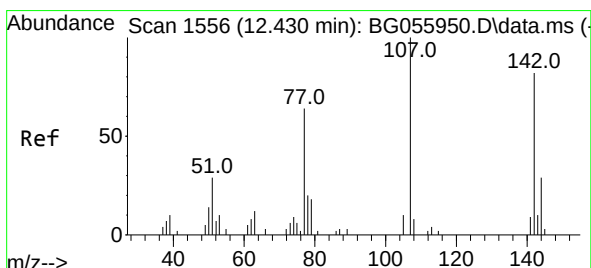
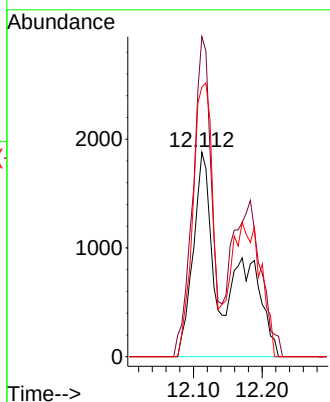
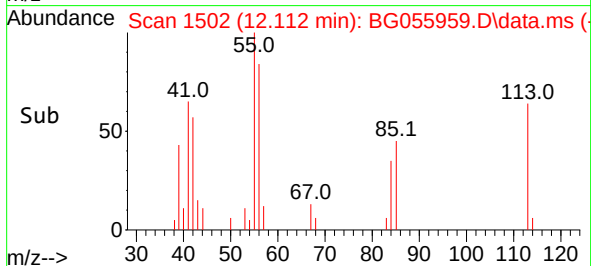
Instrument :
 BNA_G
 ClientSampleId :
 PB149581BS



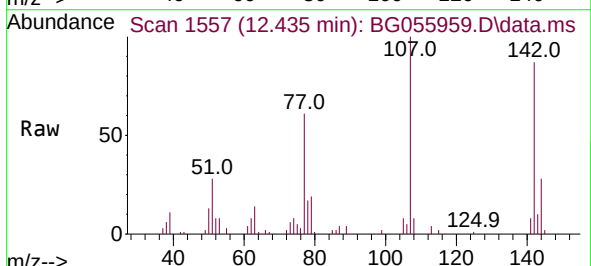
Tgt Ion:113 Resp: 6272
 Ion Ratio Lower Upper
 113 100
 55 156.6 114.8 154.8
 56 131.9 99.8 139.8

Manual Integrations
 APPROVED

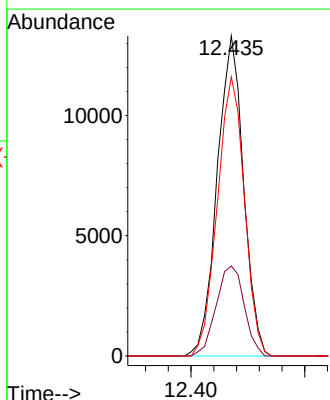
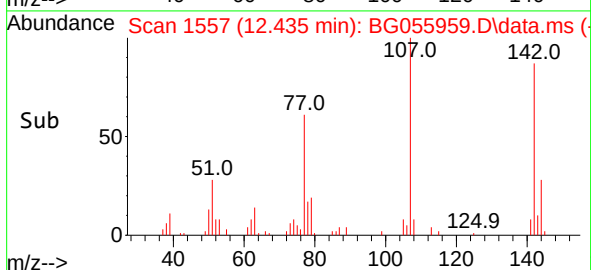
Reviewed By :Jagrut Upadhyay 12/15/2022
 Supervised By :mohammad ahmed 12/16/2022

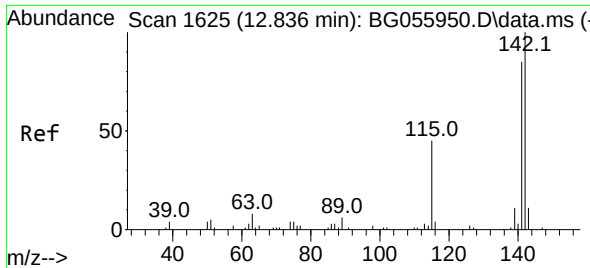


#36
 4-Chloro-3-methylphenol
 Concen: 43.008 ng
 RT: 12.435 min Scan# 1557
 Delta R.T. 0.005 min
 Lab File: BG055959.D
 Acq: 14 Dec 2022 14:24



Tgt Ion:107 Resp: 21402
 Ion Ratio Lower Upper
 107 100
 144 28.1 23.3 34.9
 142 87.2 65.6 98.4





#37
2-Methylnaphthalene
Concen: 37.371 ng
RT: 12.835 min Scan# 1625
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

Instrument :

BNA_G

ClientSampleId :

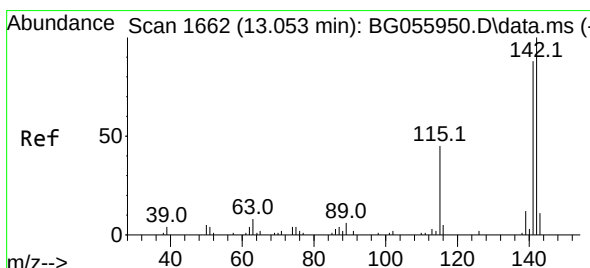
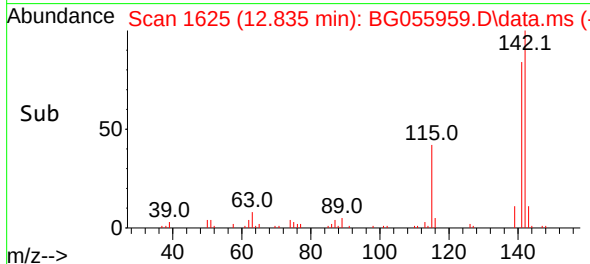
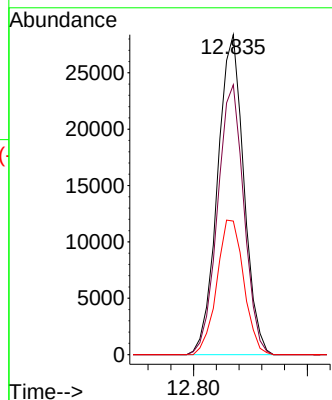
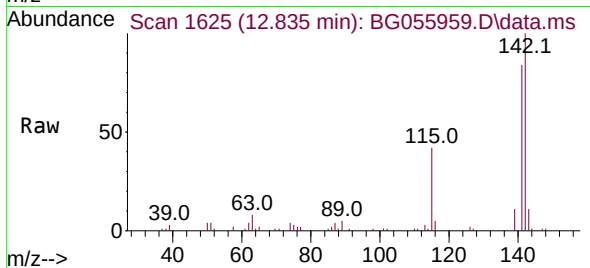
PB149581BS

Tgt Ion:142 Resp: 4548
Ion Ratio Lower Upper
142 100
141 84.3 67.8 101.6
115 41.7 35.7 53.5

Manual Integrations

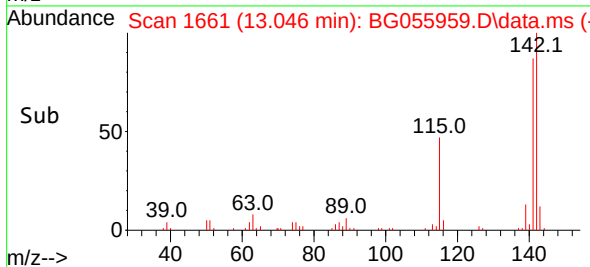
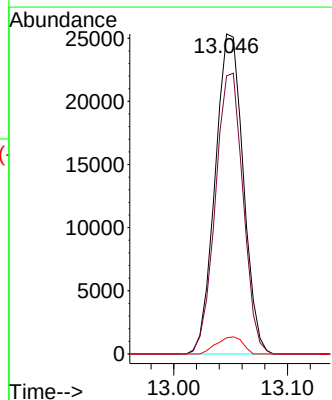
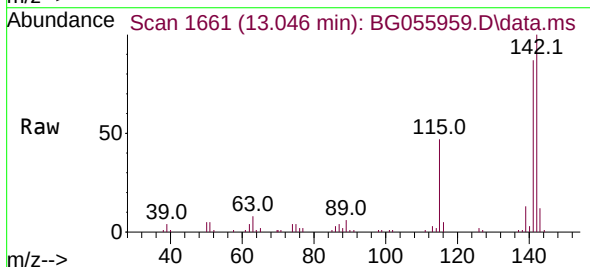
APPROVED

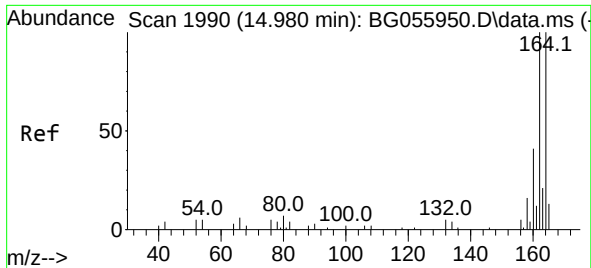
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#38
1-Methylnaphthalene
Concen: 36.664 ng
RT: 13.046 min Scan# 1661
Delta R.T. -0.007 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

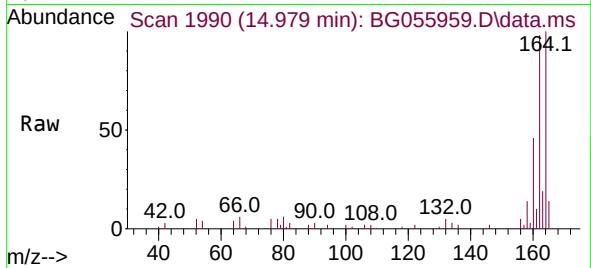
Tgt Ion:142 Resp: 43475
Ion Ratio Lower Upper
142 100
141 86.9 70.2 105.2
116 5.0 3.8 5.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.979 min Scan# 1990
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

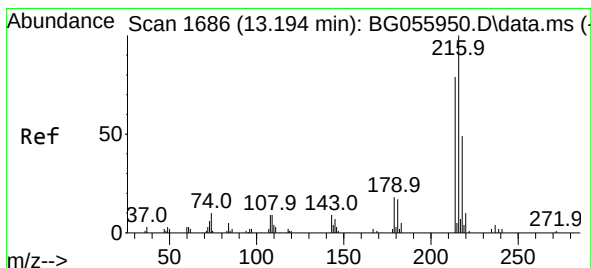
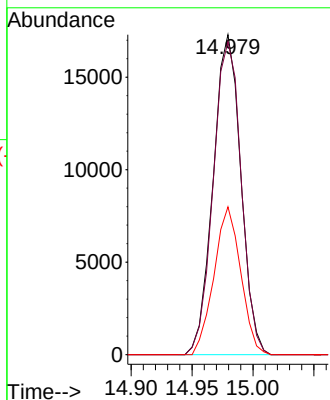
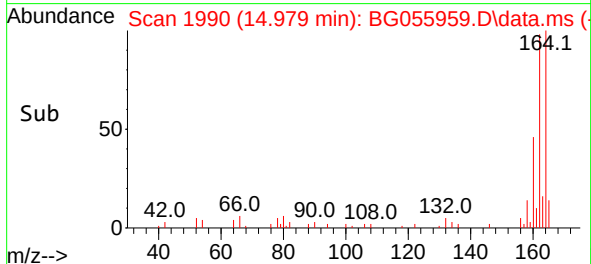
Instrument :
BNA_G
ClientSampleId :
PB149581BS



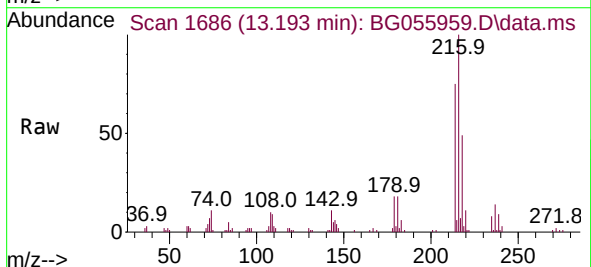
Tgt Ion:164 Resp: 27305
Ion Ratio Lower Upper
164 100
162 97.8 79.8 119.8
160 46.2 33.0 49.4

Manual Integrations
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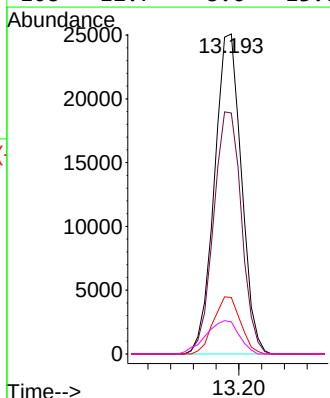
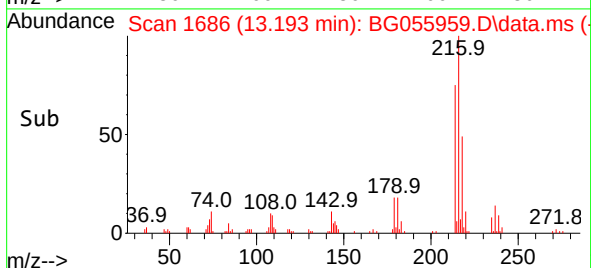
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

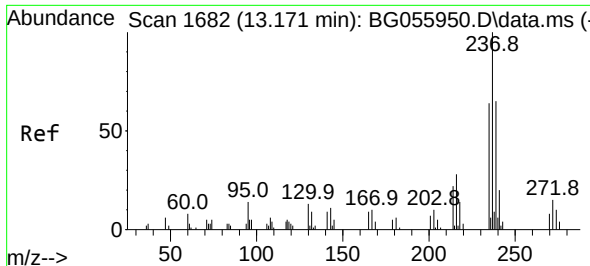


#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.855 ng
RT: 13.193 min Scan# 1686
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24



Tgt Ion:216 Resp: 41307
Ion Ratio Lower Upper
216 100
214 78.1 61.5 92.3
179 17.8 14.6 21.8
108 12.7 8.6 13.0





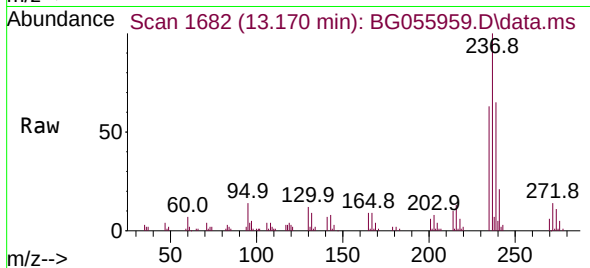
#41
Hexachlorocyclopentadiene
Concen: 78.678 ng
RT: 13.170 min Scan# 1682
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

Instrument :

BNA_G

ClientSampleId :

PB149581BS

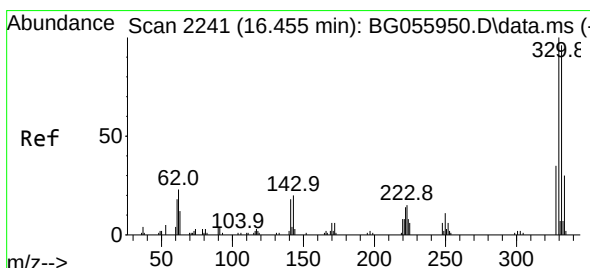
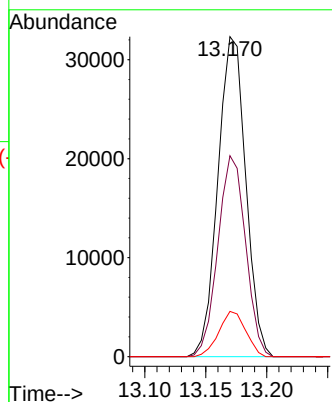
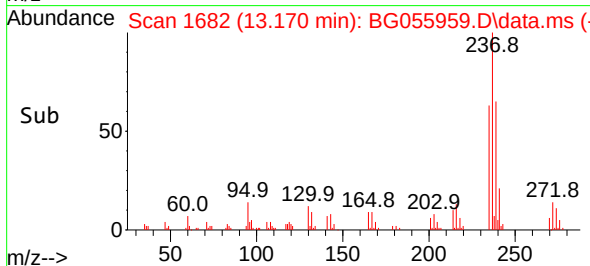


Tgt Ion:237 Resp: 51421
Ion Ratio Lower Upper
237 100
235 62.8 43.7 83.7
272 14.1 0.0 35.1

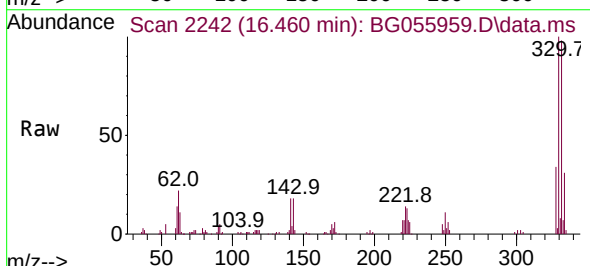
Manual Integrations

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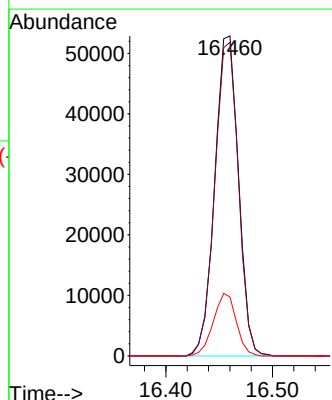
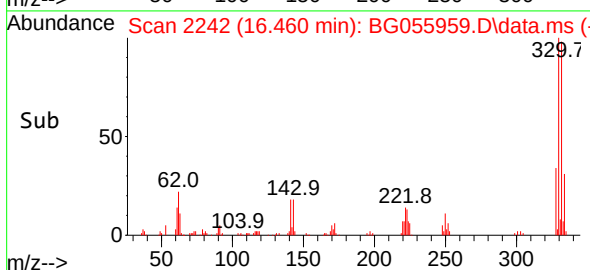
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

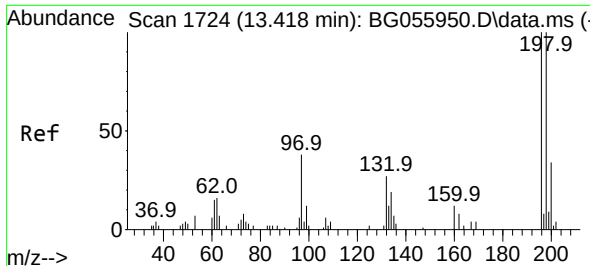


#42
2,4,6-Tribromophenol
Concen: 124.035 ng
RT: 16.460 min Scan# 2242
Delta R.T. 0.005 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24



Tgt Ion:330 Resp: 81665
Ion Ratio Lower Upper
330 100
332 97.9 76.6 114.8
141 19.0 15.0 22.4





#43
2,4,6-Trichlorophenol
Concen: 38.991 ng
RT: 13.417 min Scan# 1724
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

Instrument :

BNA_G

ClientSampleId :

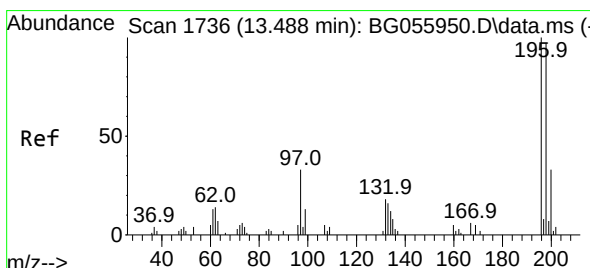
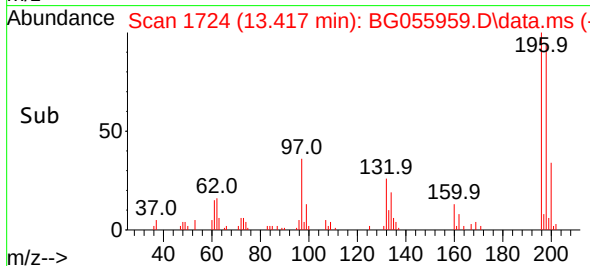
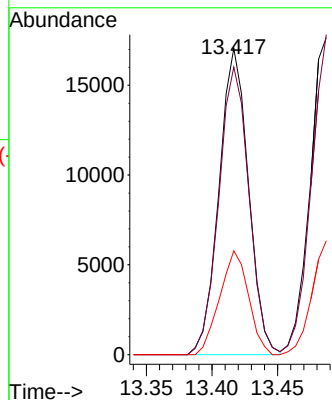
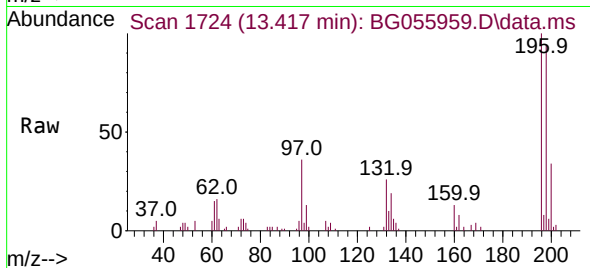
PB149581BS

Tgt Ion:196 Resp: 26590
Ion Ratio Lower Upper
196 100
198 93.9 80.2 120.4
200 33.9 27.6 41.4

Manual Integrations

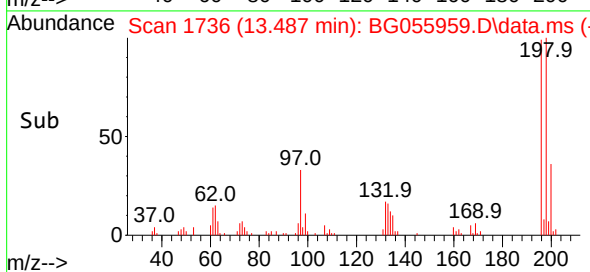
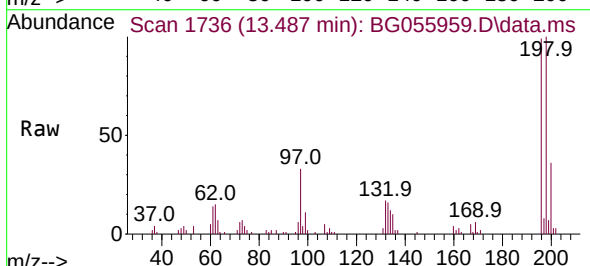
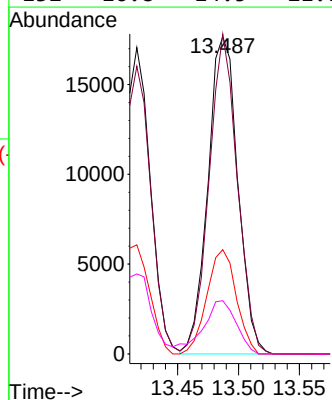
APPROVED

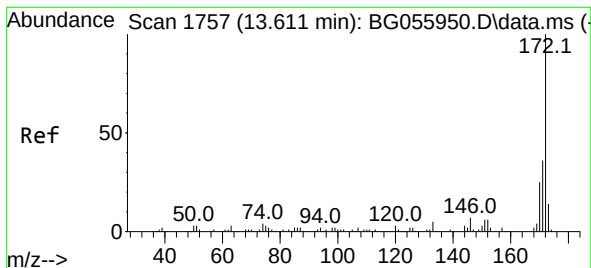
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#44
2,4,5-Trichlorophenol
Concen: 39.198 ng
RT: 13.487 min Scan# 1736
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

Tgt Ion:196 Resp: 30133
Ion Ratio Lower Upper
196 100
198 100.9 78.0 117.0
97 32.8 26.0 39.0
132 16.8 14.5 21.7





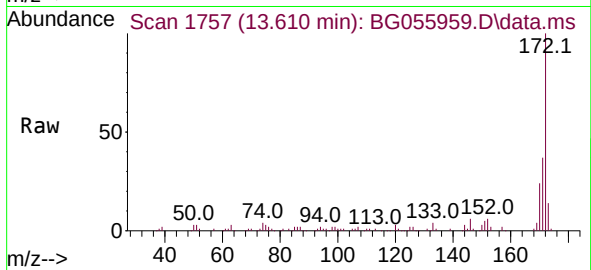
#45
2-Fluorobiphenyl
Concen: 68.592 ng
RT: 13.610 min Scan# 1757
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

Instrument :

BNA_G

ClientSampleId :

PB149581BS

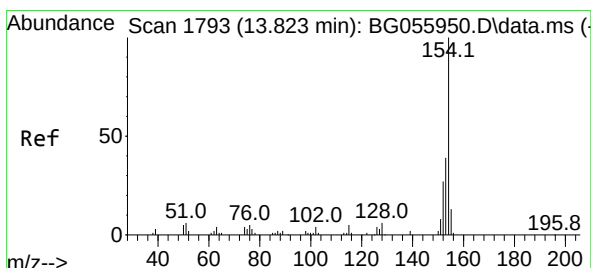
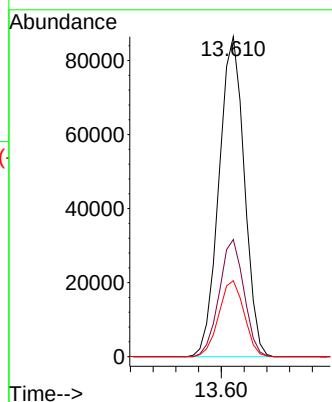
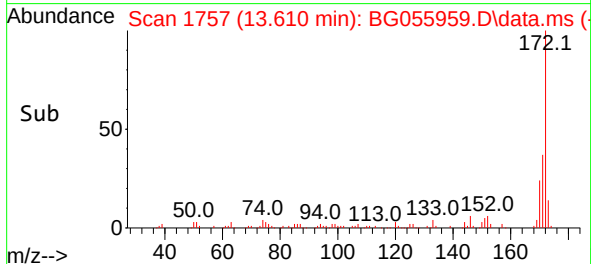


Tgt Ion:172 Resp: 133542
Ion Ratio Lower Upper
172 100
171 36.6 28.6 42.8
170 23.7 19.9 29.9

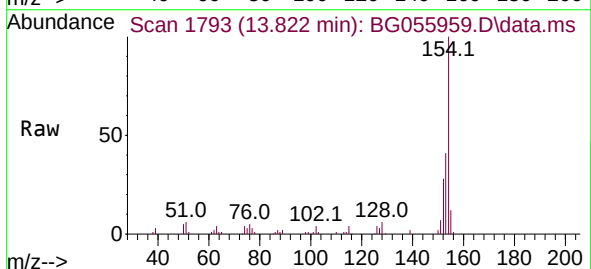
Manual Integrations

APPROVED

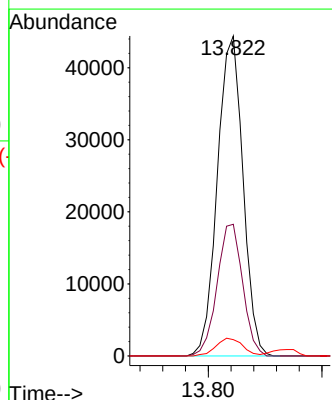
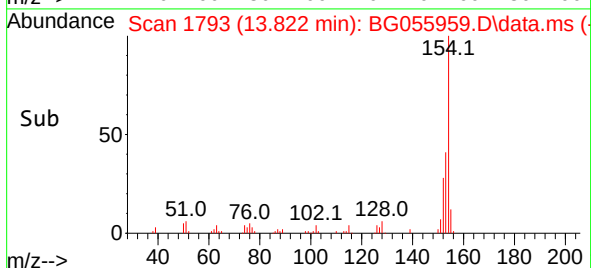
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

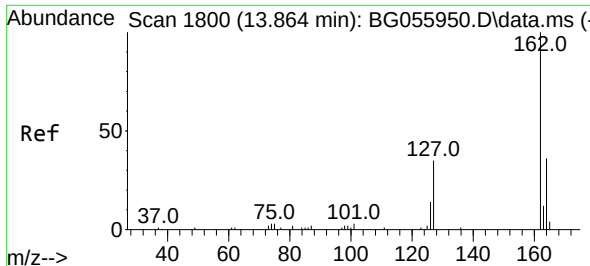


#46
1,1'-Biphenyl
Concen: 37.357 ng
RT: 13.822 min Scan# 1793
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24



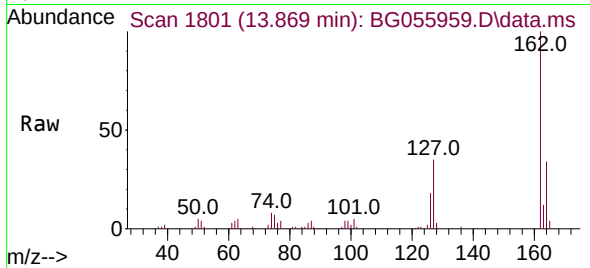
Tgt Ion:154 Resp: 69141
Ion Ratio Lower Upper
154 100
153 41.2 19.5 59.5
76 5.1 0.0 25.5





#47
2-Chloronaphthalene
Concen: 37.095 ng
RT: 13.869 min Scan# 1800
Delta R.T. 0.005 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

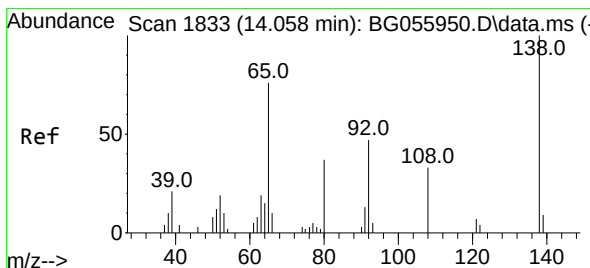
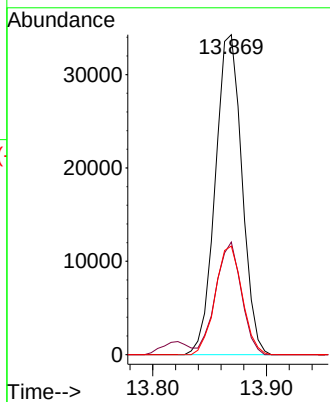
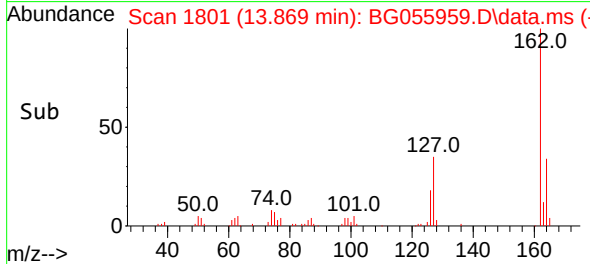
Instrument :
BNA_G
ClientSampleId :
PB149581BS



Tgt Ion:162 Resp: 55786
Ion Ratio Lower Upper
162 100
127 35.2 31.0 46.4
164 33.9 28.6 42.8

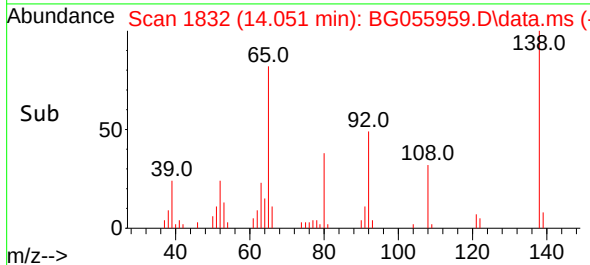
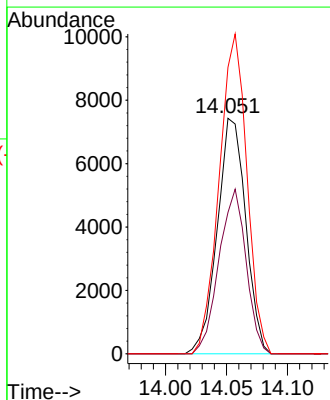
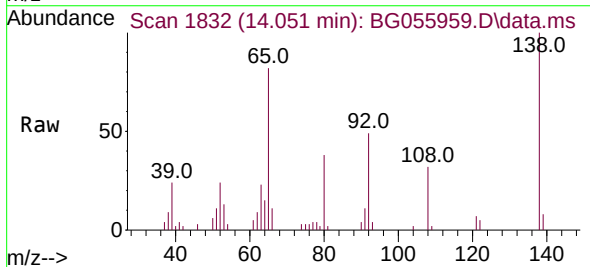
Manual Integrations
APPROVED

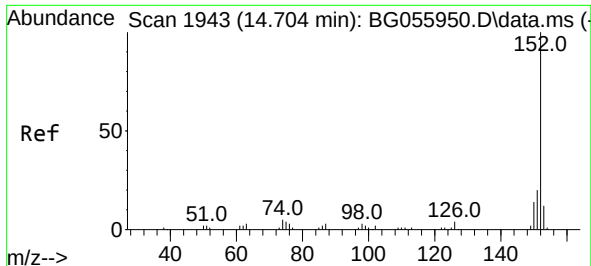
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#48
2-Nitroaniline
Concen: 41.135 ng
RT: 14.051 min Scan# 1832
Delta R.T. -0.007 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

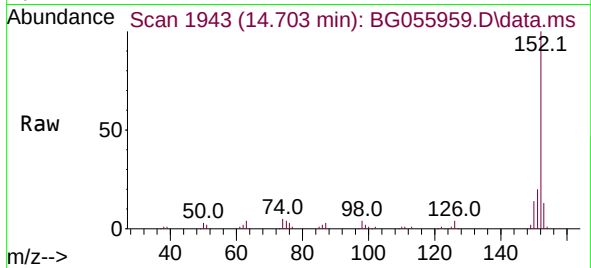
Tgt Ion: 65 Resp: 12068
Ion Ratio Lower Upper
65 100
92 60.0 49.7 74.5
138 121.6 105.0 157.6





#49
Acenaphthylene
Concen: 36.862 ng
RT: 14.703 min Scan# 1943
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

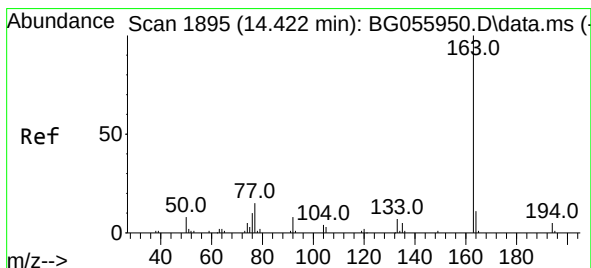
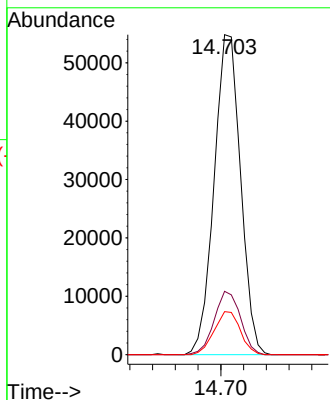
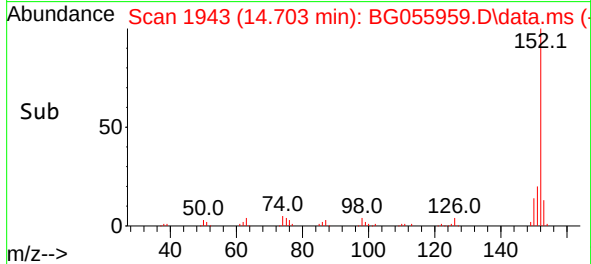
Instrument :
BNA_G
ClientSampleId :
PB149581BS



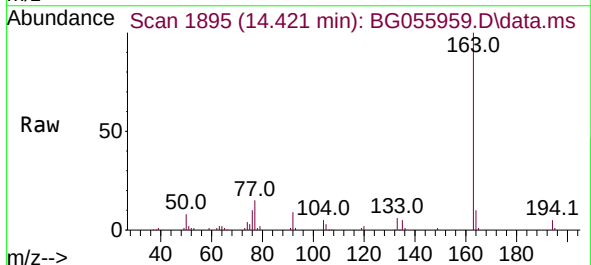
Tgt Ion:152 Resp: 88485
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.5 10.0 15.0

Manual Integrations
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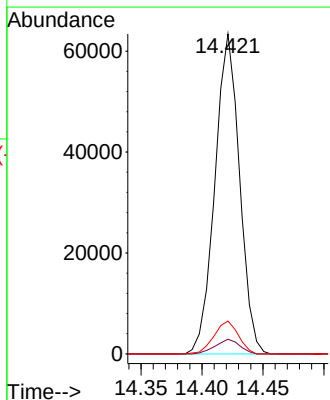
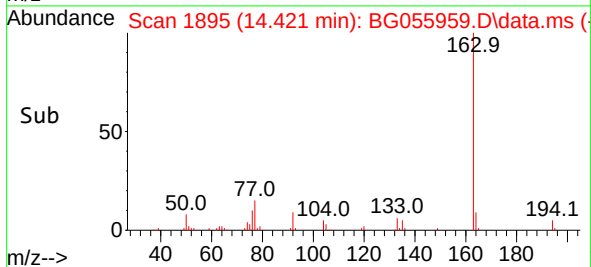
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

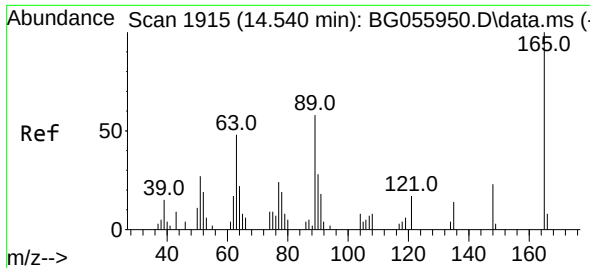


#50
Dimethylphthalate
Concen: 37.767 ng
RT: 14.421 min Scan# 1895
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24



Tgt Ion:163 Resp: 89155
Ion Ratio Lower Upper
163 100
194 4.6 3.8 5.6
164 10.3 8.6 13.0





#51
2,6-Dinitrotoluene
Concen: 46.429 ng
RT: 14.539 min Scan# 1915
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

Instrument :

BNA_G

ClientSampleId :

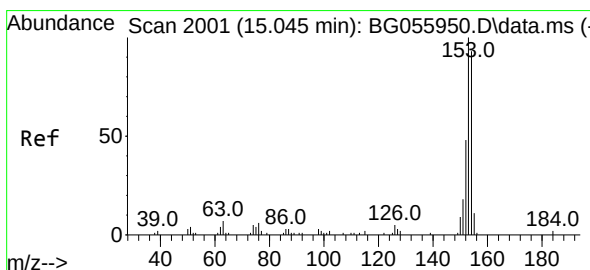
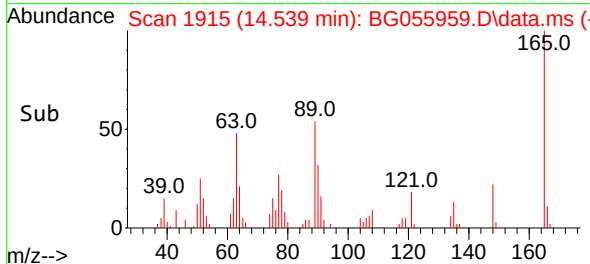
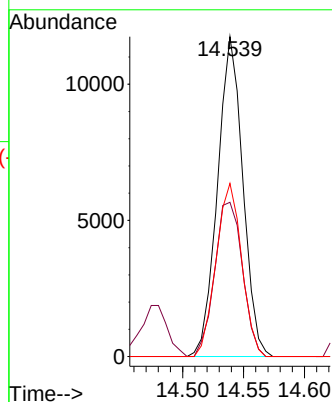
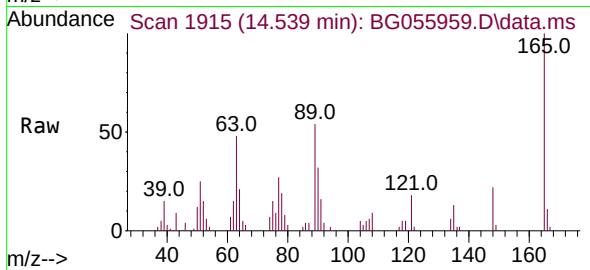
PB149581BS

Tgt Ion:165 Resp: 16961
Ion Ratio Lower Upper
165 100
63 48.2 38.3 57.5
89 54.1 46.3 69.5

Manual Integrations

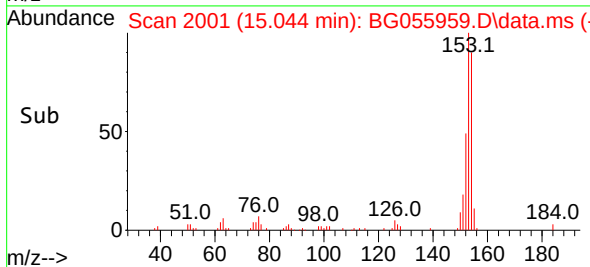
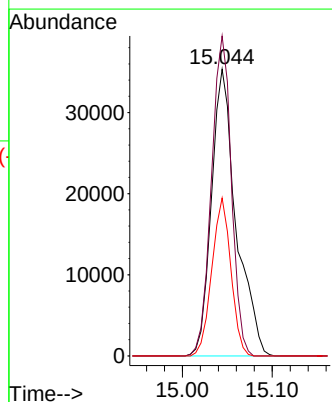
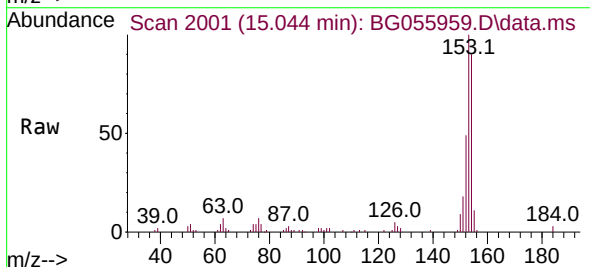
APPROVED

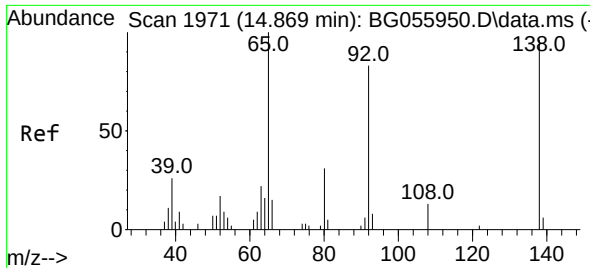
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#52
Acenaphthene
Concen: 42.017 ng
RT: 15.044 min Scan# 2001
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

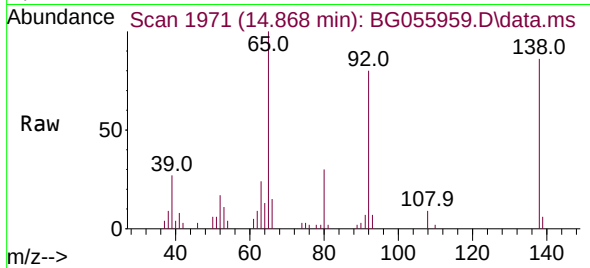
Tgt Ion:154 Resp: 67710
Ion Ratio Lower Upper
154 100
153 111.6 86.2 129.2
152 55.0 41.4 62.0





#53
3-Nitroaniline
Concen: 33.234 ng
RT: 14.868 min Scan# 1971
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

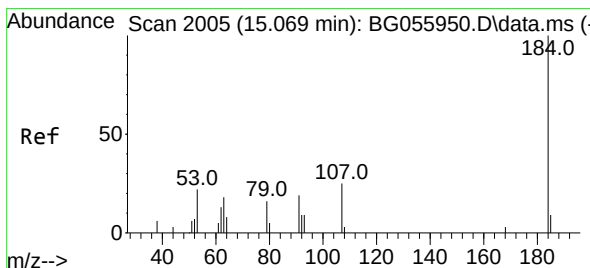
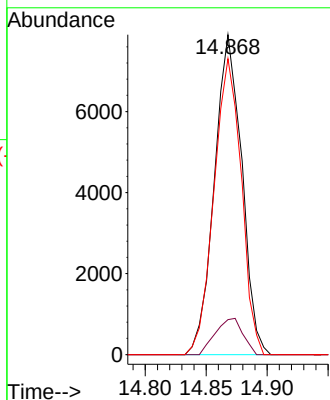
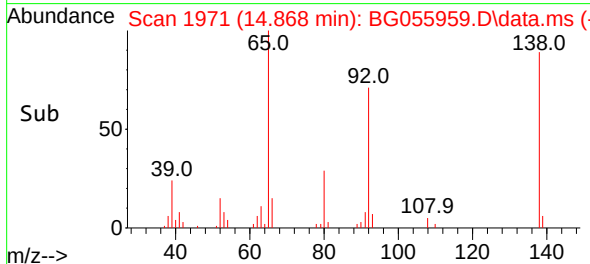
Instrument :
BNA_G
ClientSampleId :
PB149581BS



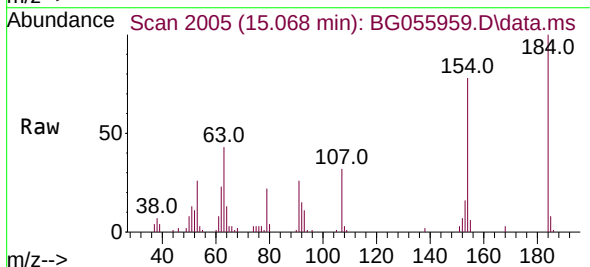
Tgt Ion:138 Resp: 12349
Ion Ratio Lower Upper
138 100
108 10.9 10.9 16.3
92 92.5 69.4 104.0

Manual Integrations
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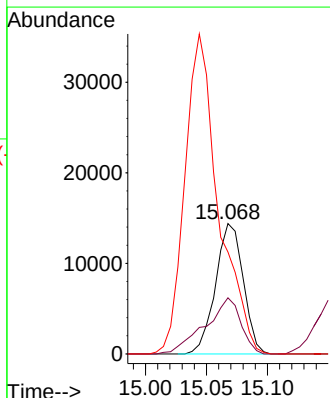
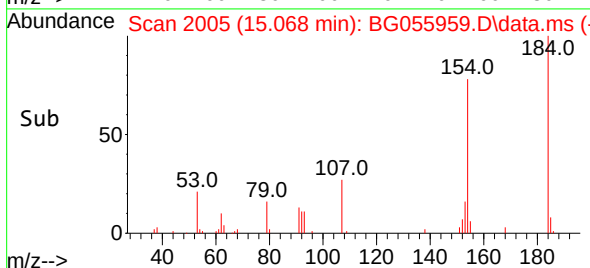
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

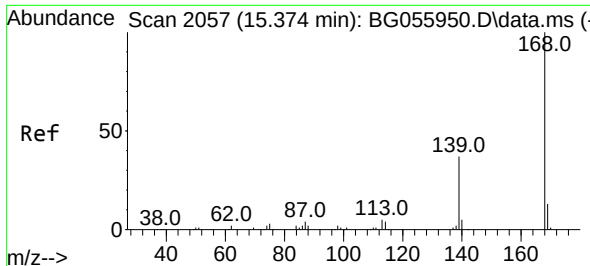


#54
2,4-Dinitrophenol
Concen: 83.662 ng
RT: 15.068 min Scan# 2005
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24



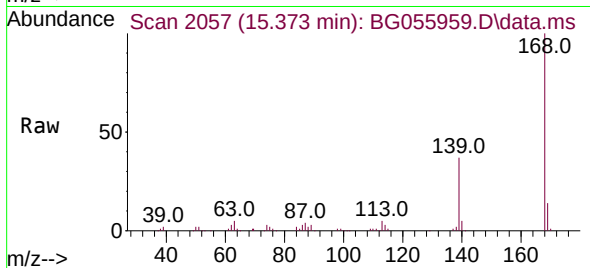
Tgt Ion:184 Resp: 22721
Ion Ratio Lower Upper
184 100
63 43.0 23.0 34.4#
154 78.2 67.0 100.4





#55
Dibenzenofuran
Concen: 37.694 ng
RT: 15.373 min Scan# 2057
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

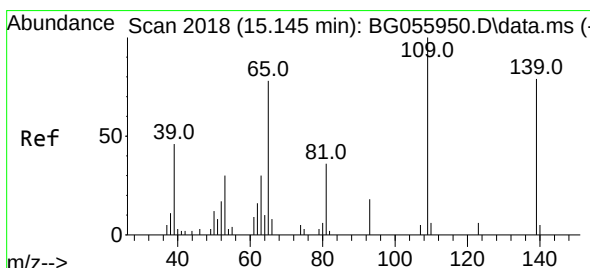
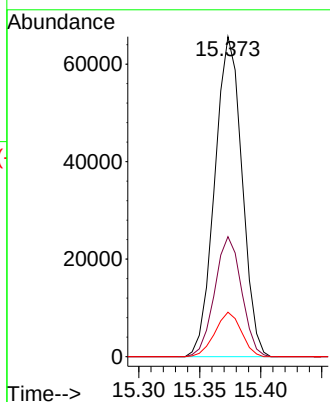
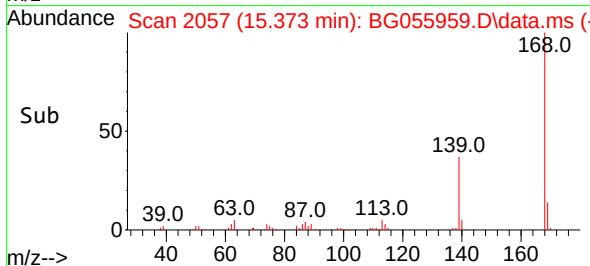
Instrument :
BNA_G
ClientSampleId :
PB149581BS



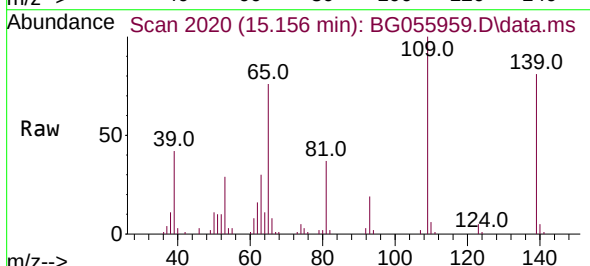
Tgt Ion:168 Resp: 102148
Ion Ratio Lower Upper
168 100
139 37.5 29.8 44.8
169 13.9 10.6 16.0

Manual Integrations
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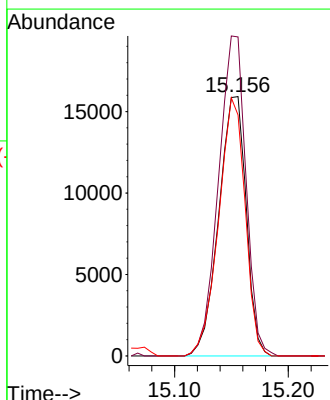
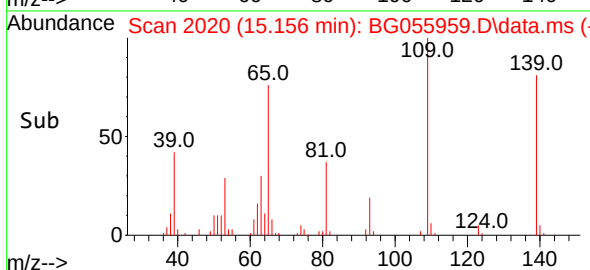
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

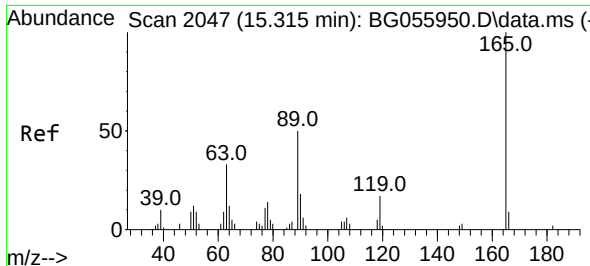


#56
4-Nitrophenol
Concen: 89.483 ng
RT: 15.156 min Scan# 2020
Delta R.T. 0.011 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24



Tgt Ion:139 Resp: 26645
Ion Ratio Lower Upper
139 100
109 123.0 106.7 146.7
65 92.9 79.2 119.2





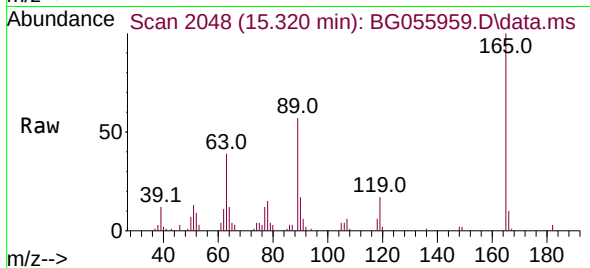
#57
2,4-Dinitrotoluene
Concen: 45.408 ng
RT: 15.320 min Scan# 2047
Delta R.T. 0.005 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

Instrument :

BNA_G

ClientSampleId :

PB149581BS

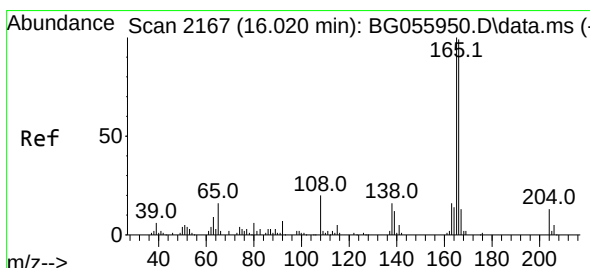
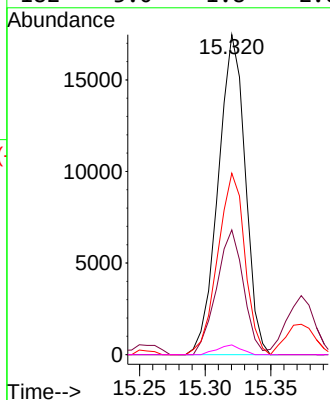
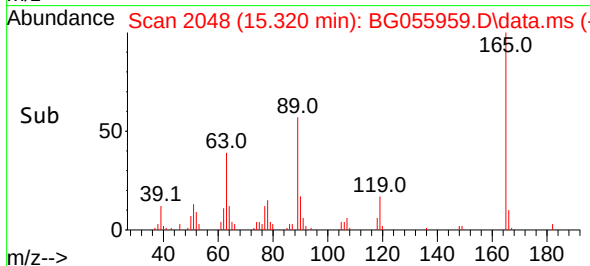


Tgt Ion:165 Resp: 25039
Ion Ratio Lower Upper
165 100
63 39.0 26.6 39.8
89 56.7 40.1 60.1
182 3.0 1.8 2.6#

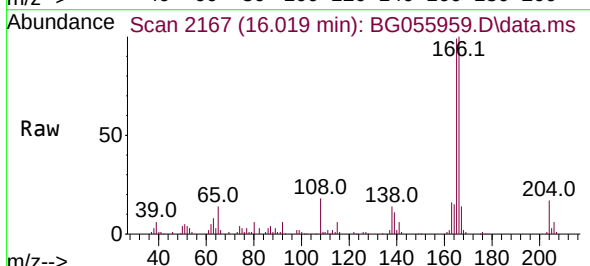
Manual Integrations

APPROVED

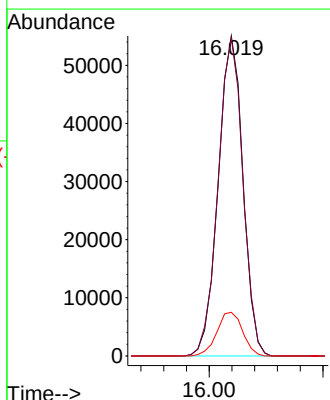
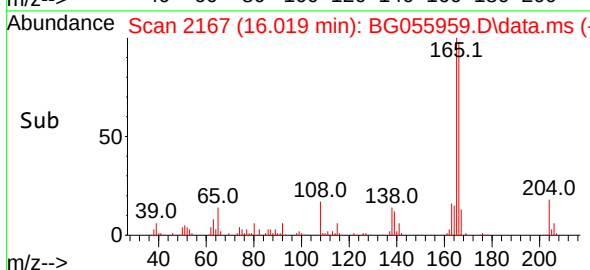
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

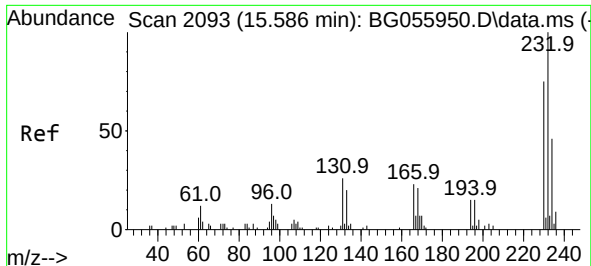


#58
Fluorene
Concen: 37.445 ng
RT: 16.019 min Scan# 2167
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24



Tgt Ion:166 Resp: 82949
Ion Ratio Lower Upper
166 100
165 99.4 81.1 121.7
167 13.6 10.5 15.7





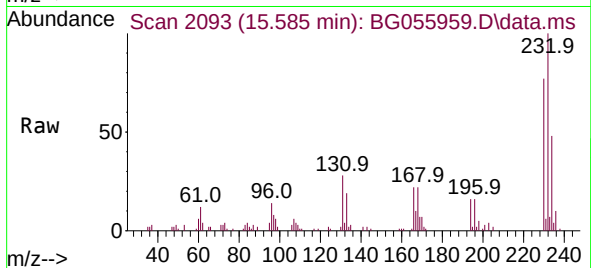
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.453 ng
RT: 15.585 min Scan# 2093
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

Instrument :

BNA_G

ClientSampleId :

PB149581BS

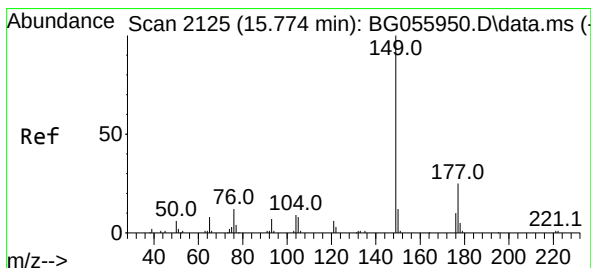
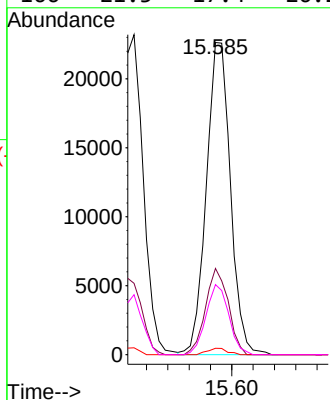
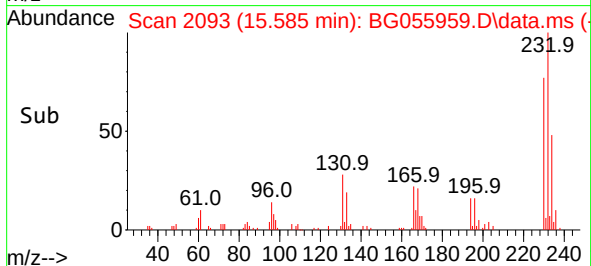


Tgt Ion:232 Resp: 3552
Ion Ratio Lower Upper
232 100
131 26.0 20.7 31.1
130 1.7 1.2 1.8
166 21.3 17.4 26.2

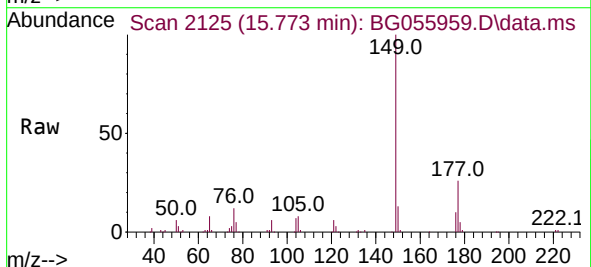
Manual Integrations

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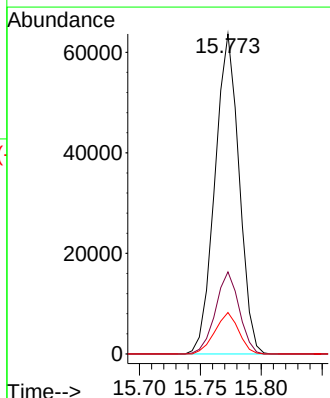
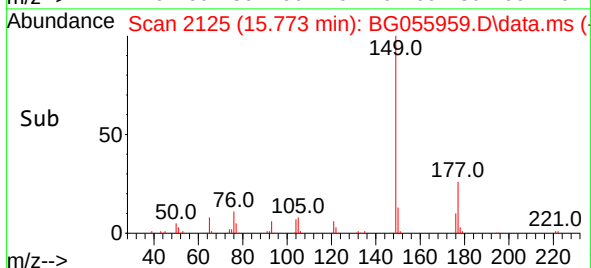
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

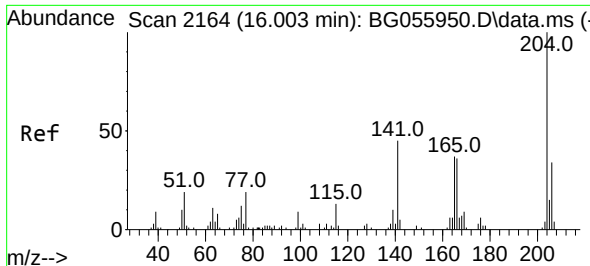


#60
Diethylphthalate
Concen: 38.006 ng
RT: 15.773 min Scan# 2125
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24



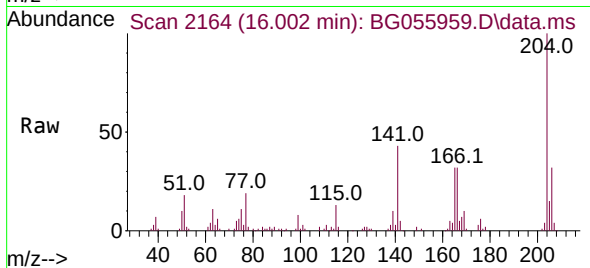
Tgt Ion:149 Resp: 87693
Ion Ratio Lower Upper
149 100
177 25.6 19.7 29.5
150 12.9 9.5 14.3





#61
4-Chlorophenyl-phenylether
Concen: 39.195 ng
RT: 16.002 min Scan# 2164
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

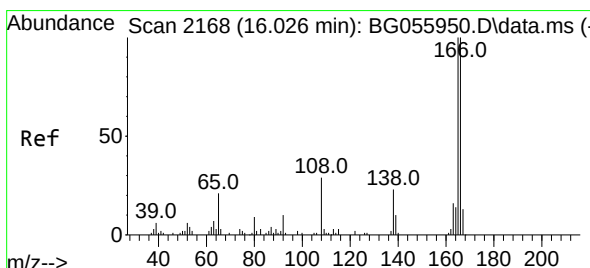
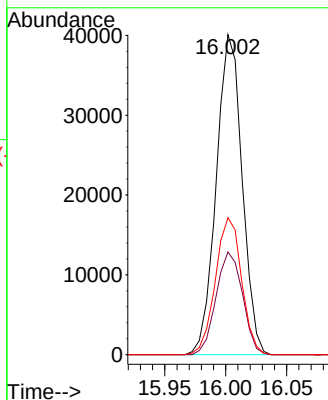
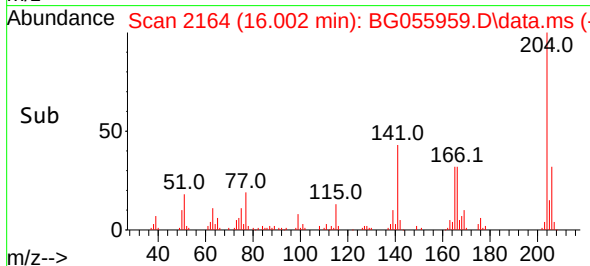
Instrument :
BNA_G
ClientSampleId :
PB149581BS



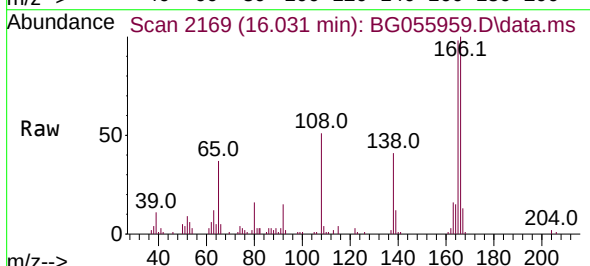
Tgt Ion:204 Resp: 59149
Ion Ratio Lower Upper
204 100
206 32.1 27.0 40.4
141 42.8 36.3 54.5

Manual Integrations
APPROVED

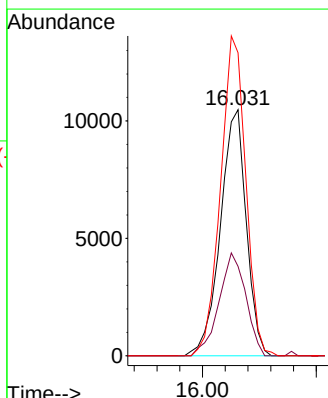
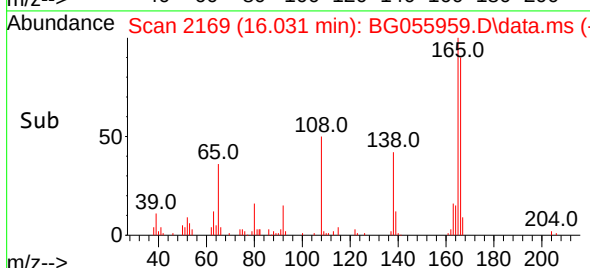
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

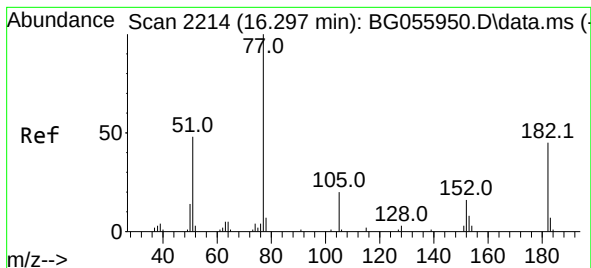


#62
4-Nitroaniline
Concen: 40.968 ng
RT: 16.031 min Scan# 2169
Delta R.T. 0.005 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24



Tgt Ion:138 Resp: 16578
Ion Ratio Lower Upper
138 100
92 36.4 24.4 64.4
108 123.1 110.1 150.1





#63

Azobenzene

Concen: 37.658 ng

RT: 16.296 min Scan# 2214

Delta R.T. -0.001 min

Lab File: BG055959.D

Acq: 14 Dec 2022 14:24

Instrument :

BNA_G

ClientSampleId :

PB149581BS

Tgt Ion: 77 Resp: 52886

Ion Ratio Lower Upper

77 100

182 46.2 24.7 64.7

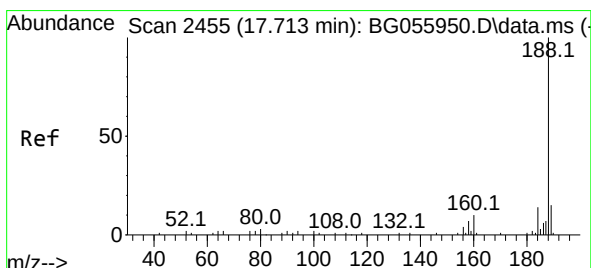
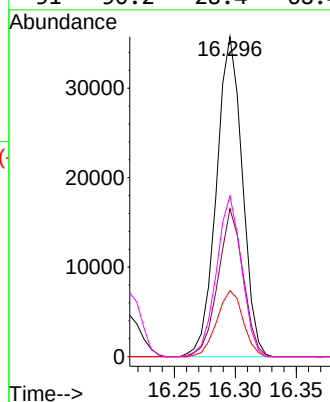
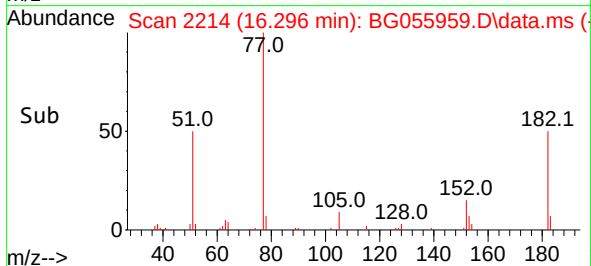
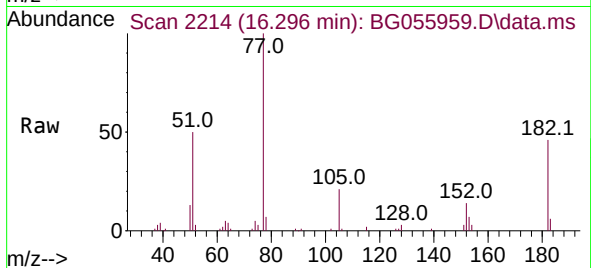
105 20.6 0.3 40.3

51 50.2 28.4 68.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.717 min Scan# 2456

Delta R.T. 0.005 min

Lab File: BG055959.D

Acq: 14 Dec 2022 14:24

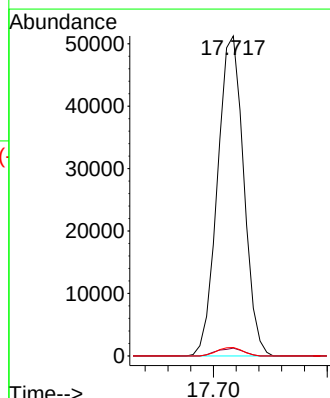
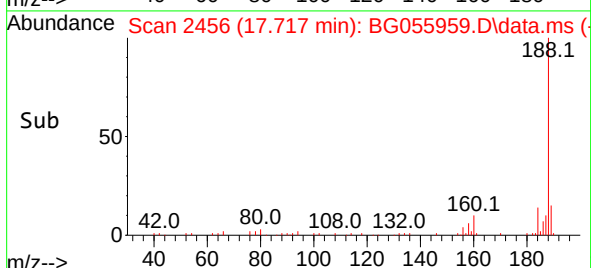
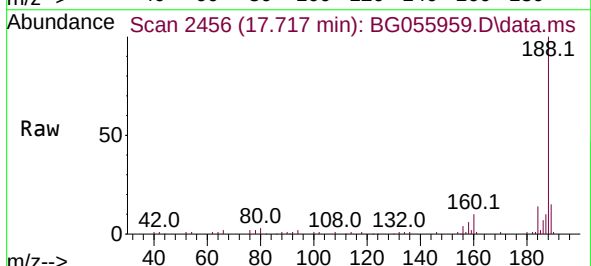
Tgt Ion:188 Resp: 81882

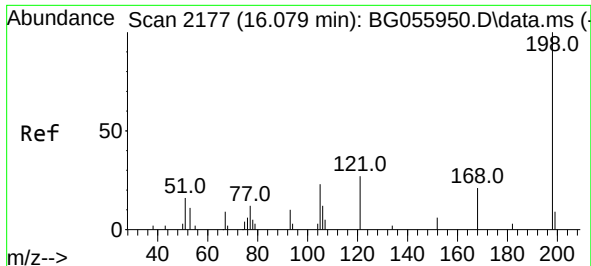
Ion Ratio Lower Upper

188 100

94 2.4 1.8 2.8

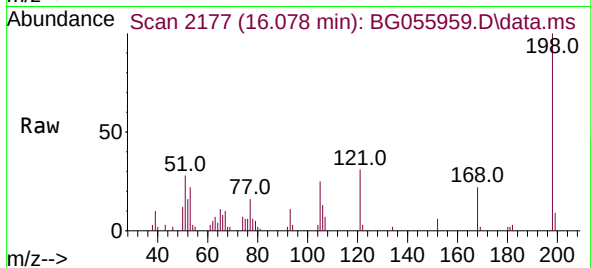
80 2.6 2.4 3.6





#65
4,6-Dinitro-2-methylphenol
Concen: 37.896 ng
RT: 16.078 min Scan# 2177
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

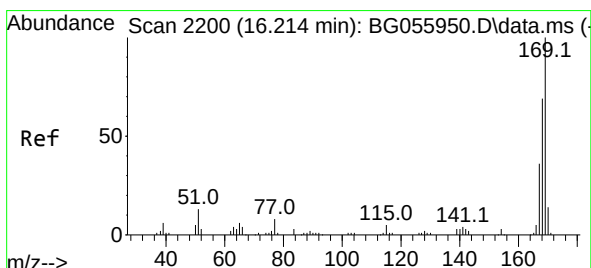
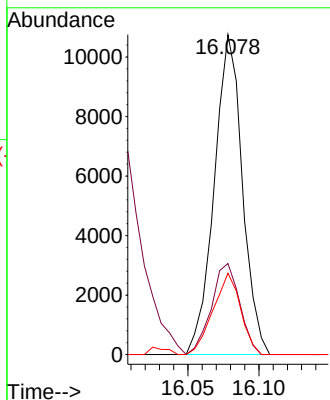
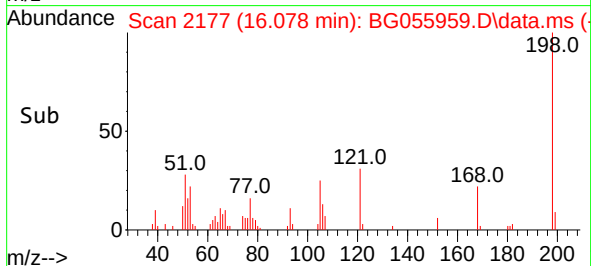
Instrument :
BNA_G
ClientSampleId :
PB149581BS



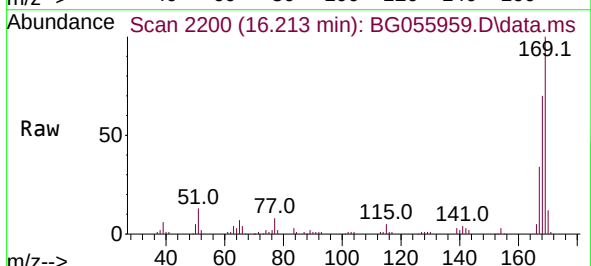
Tgt Ion:198 Resp: 14823
Ion Ratio Lower Upper
198 100
51 28.5 3.0 43.0
105 25.4 3.3 43.3

Manual Integrations
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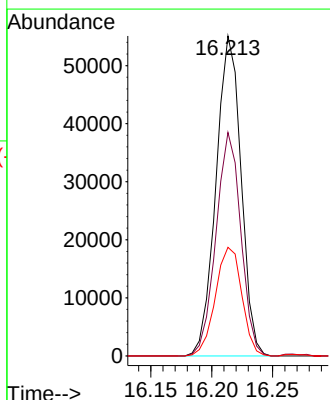
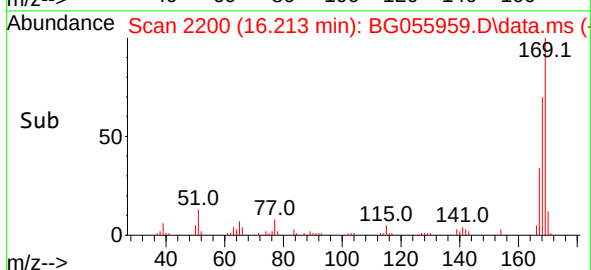
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

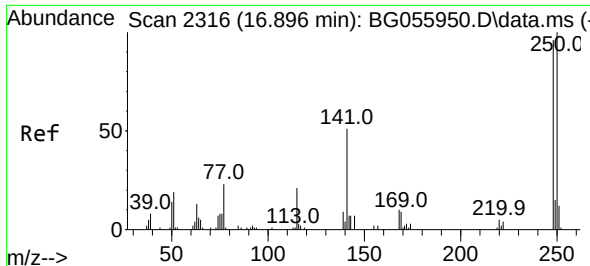


#66
n-Nitrosodiphenylamine
Concen: 36.642 ng
RT: 16.213 min Scan# 2200
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24



Tgt Ion:169 Resp: 78625
Ion Ratio Lower Upper
169 100
168 69.8 55.3 82.9
167 33.9 28.9 43.3





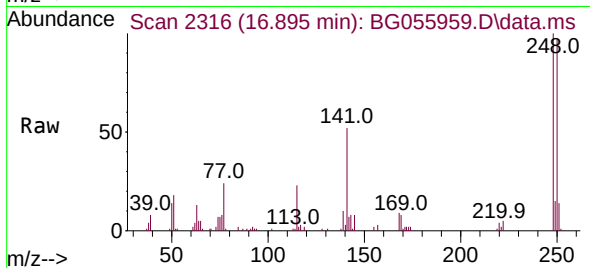
#67
4-Bromophenyl-phenylether
Concen: 35.134 ng
RT: 16.895 min Scan# 2316
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

Instrument :

BNA_G

ClientSampleId :

PB149581BS

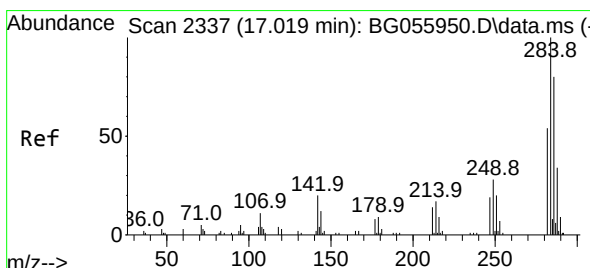
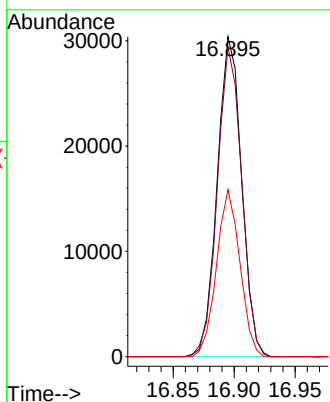
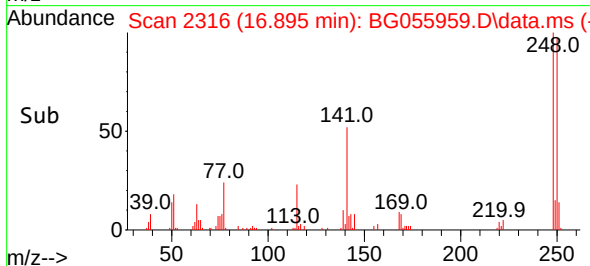


Tgt Ion:248 Resp: 42155
Ion Ratio Lower Upper
248 100
250 96.8 83.0 124.6
141 52.2 42.6 64.0

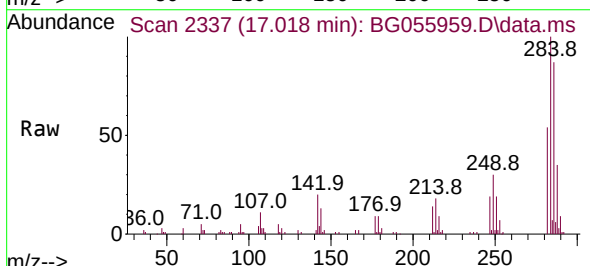
Manual Integrations

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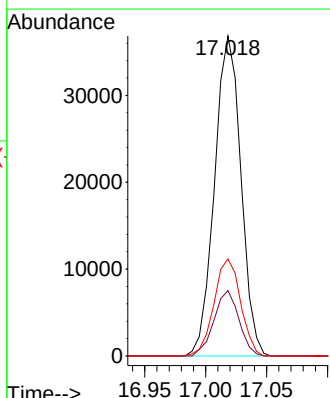
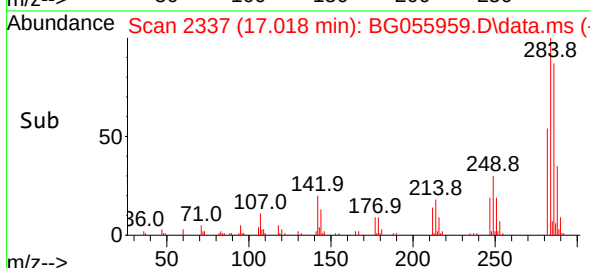
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

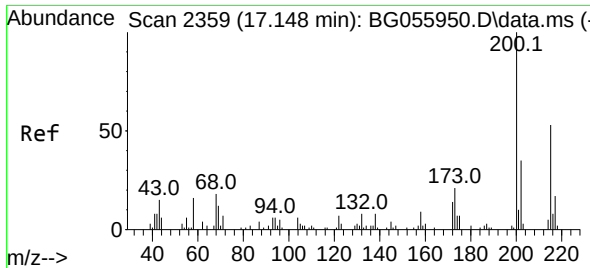


#68
Hexachlorobenzene
Concen: 37.505 ng
RT: 17.018 min Scan# 2337
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24



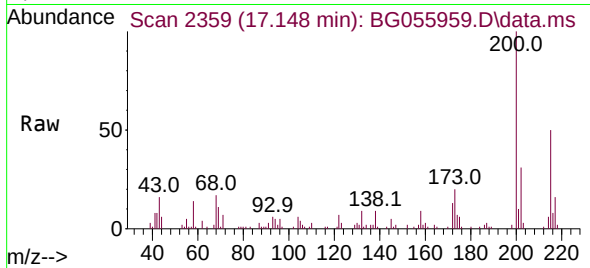
Tgt Ion:284 Resp: 55428
Ion Ratio Lower Upper
284 100
142 20.4 16.2 24.2
249 30.3 22.8 34.2





#69
 Atrazine
 Concen: 40.372 ng
 RT: 17.148 min Scan# 2359
 Delta R.T. -0.001 min
 Lab File: BG055959.D
 Acq: 14 Dec 2022 14:24

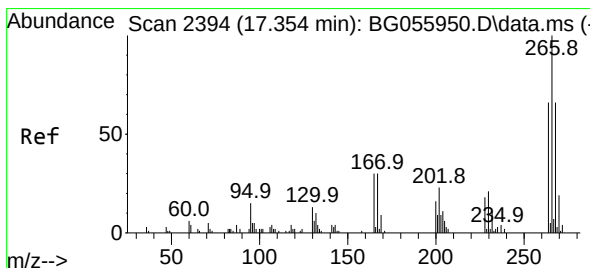
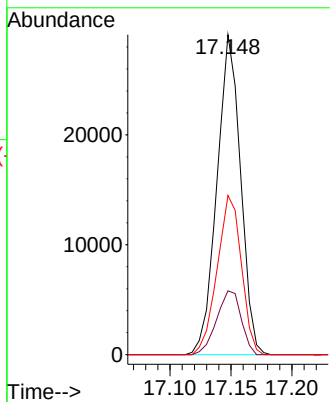
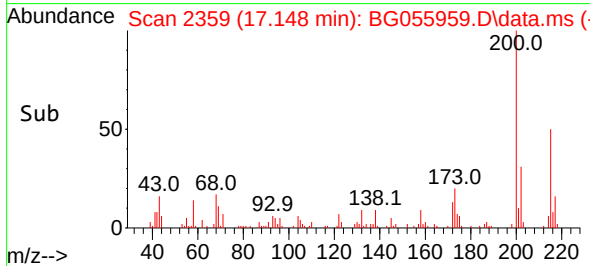
Instrument :
 BNA_G
 ClientSampleId :
 PB149581BS



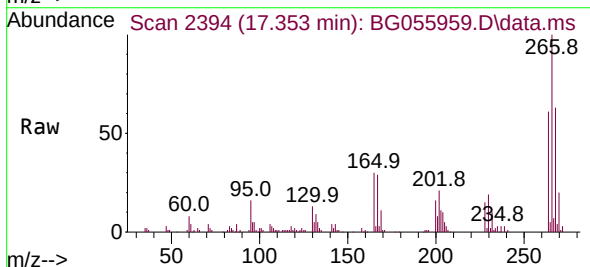
Tgt Ion:200 Resp: 39224
 Ion Ratio Lower Upper
 200 100
 173 19.9 1.4 41.4
 215 49.7 33.3 73.3

Manual Integrations
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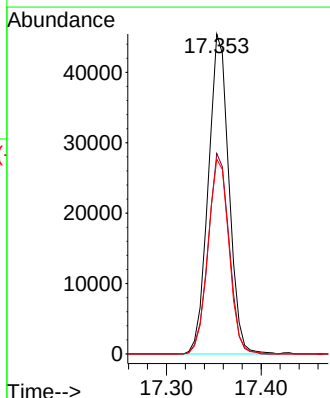
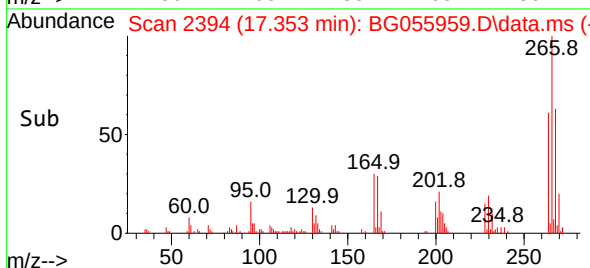
Reviewed By :Jagrut Upadhyay 12/15/2022
 Supervised By :mohammad ahmed 12/16/2022

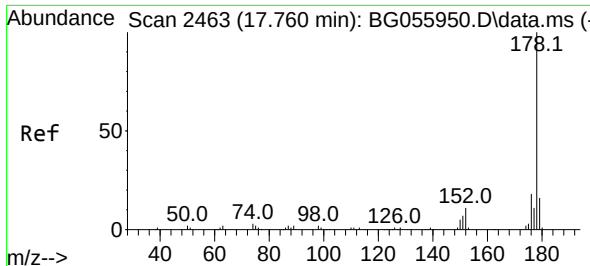


#70
 Pentachlorophenol
 Concen: 81.256 ng
 RT: 17.353 min Scan# 2394
 Delta R.T. -0.001 min
 Lab File: BG055959.D
 Acq: 14 Dec 2022 14:24



Tgt Ion:266 Resp: 68653
 Ion Ratio Lower Upper
 266 100
 268 62.6 55.5 83.3
 264 60.8 52.6 78.8





#71
Phenanthrene
Concen: 36.405 ng
RT: 17.759 min Scan# 2463
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

Instrument :

BNA_G

ClientSampleId :

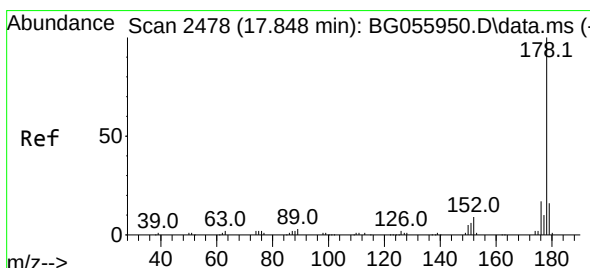
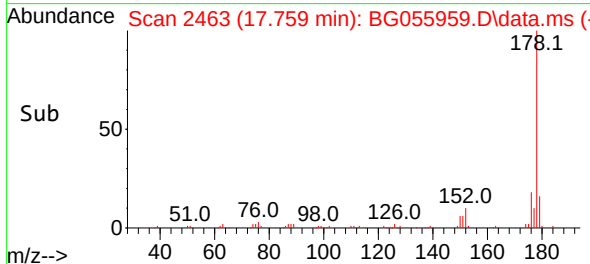
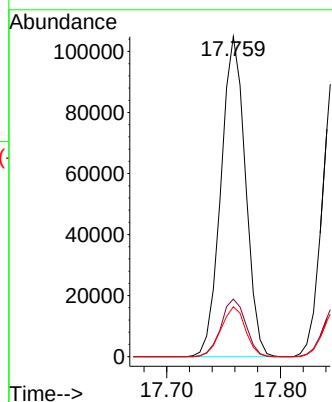
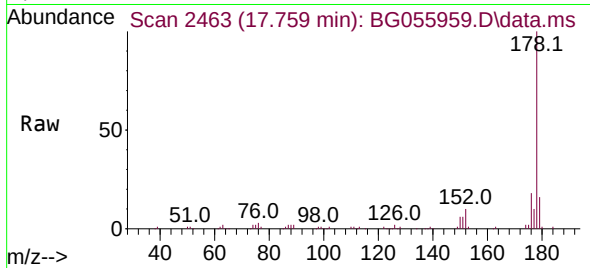
PB149581BS

Tgt Ion:178 Resp: 156215
Ion Ratio Lower Upper
178 100
176 18.0 14.4 21.6
179 15.6 12.7 19.1

Manual Integrations

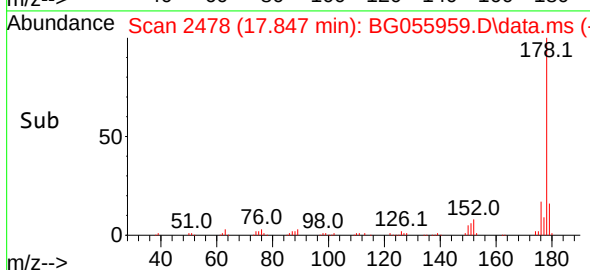
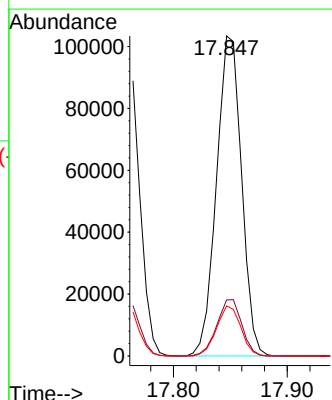
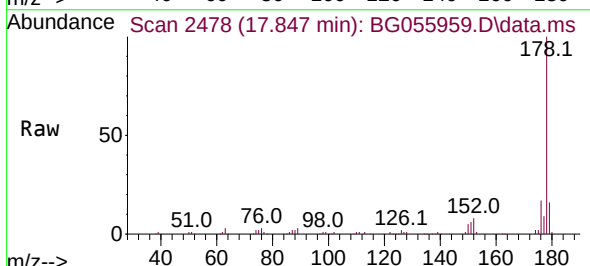
APPROVED

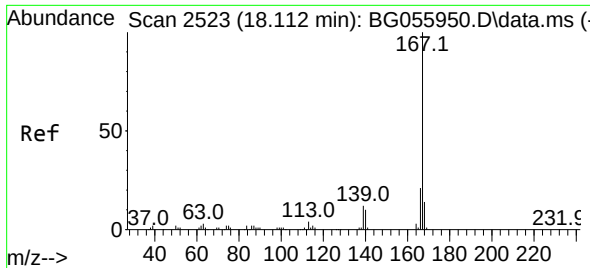
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#72
Anthracene
Concen: 37.319 ng
RT: 17.847 min Scan# 2478
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

Tgt Ion:178 Resp: 158429
Ion Ratio Lower Upper
178 100
176 17.5 13.9 20.9
179 15.6 12.7 19.1





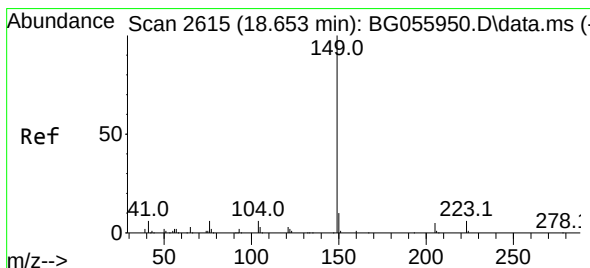
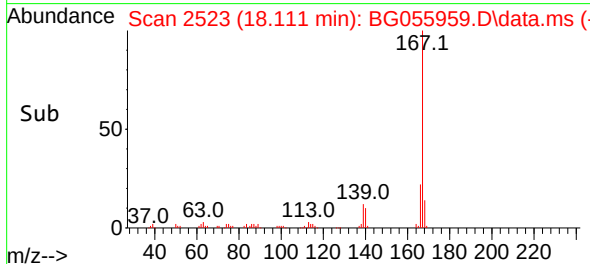
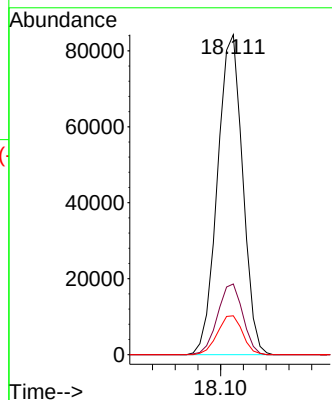
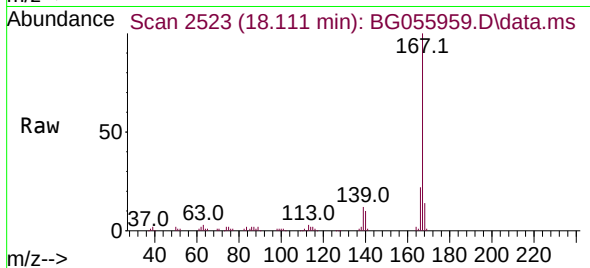
#73
Carbazole
Concen: 37.003 ng
RT: 18.111 min Scan# 2523
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

Instrument :
BNA_G
ClientSampleId :
PB149581BS

Tgt Ion:167 Resp: 129558
Ion Ratio Lower Upper
167 100
166 22.1 16.6 25.0
139 12.1 9.7 14.5

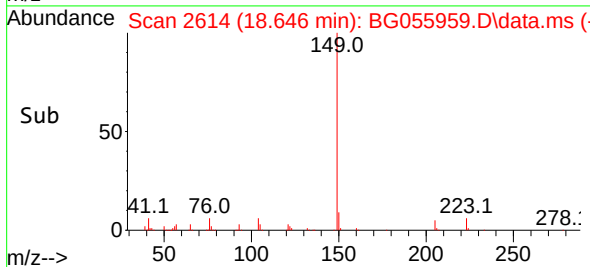
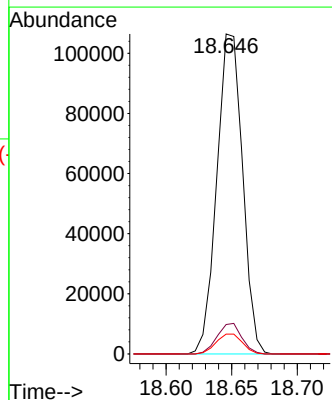
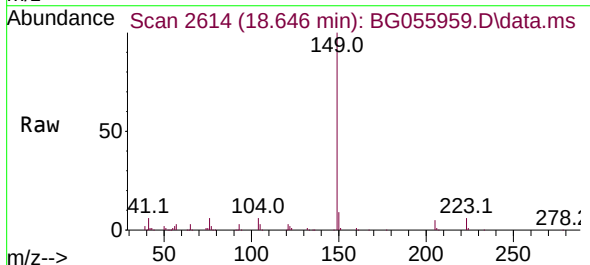
Manual Integrations
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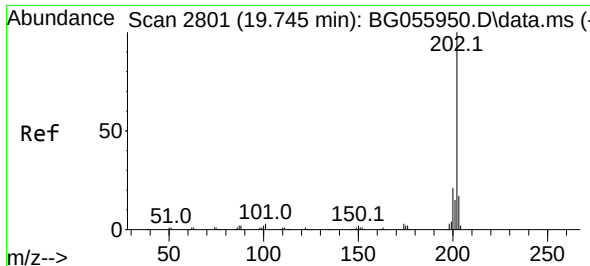
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#74
Di-n-butylphthalate
Concen: 35.725 ng
RT: 18.646 min Scan# 2614
Delta R.T. -0.007 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

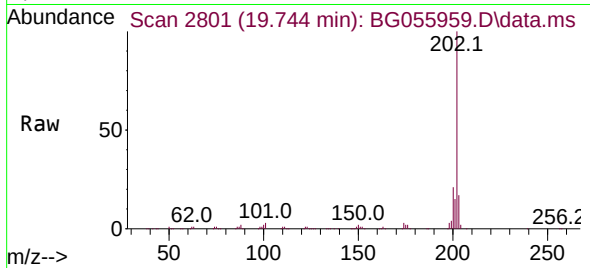
Tgt Ion:149 Resp: 145463
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 6.2 4.8 7.2





#75
Fluoranthene
Concen: 35.533 ng
RT: 19.744 min Scan# 2801
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

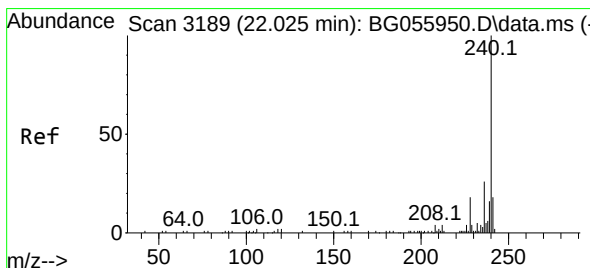
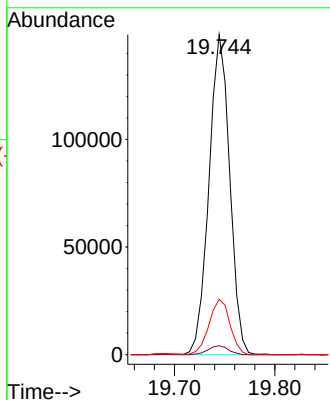
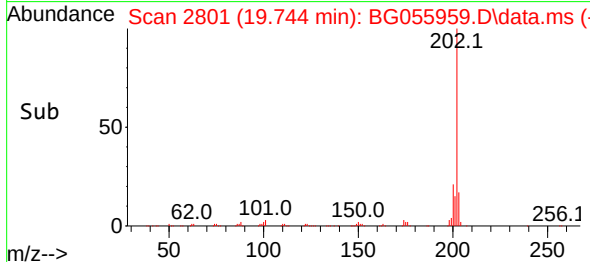
Instrument :
BNA_G
ClientSampleId :
PB149581BS



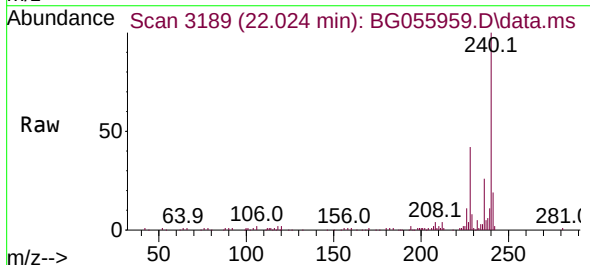
Tgt Ion:202 Resp: 213508
Ion Ratio Lower Upper
202 100
101 2.8 0.0 22.6
203 17.3 0.0 37.1

Manual Integrations
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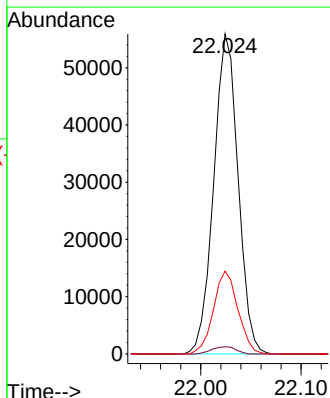
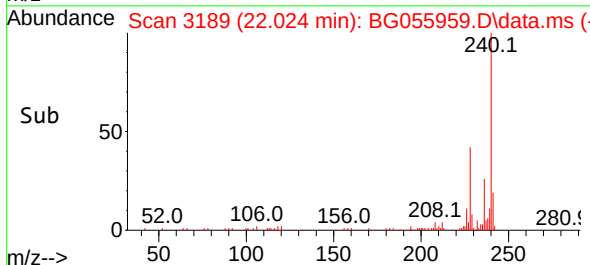
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

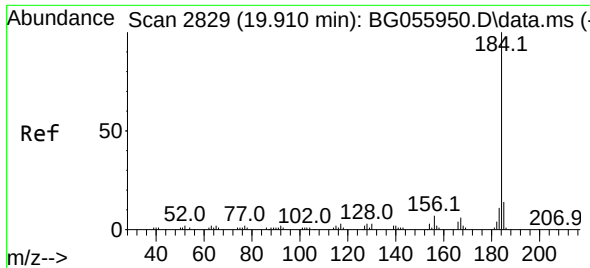


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.024 min Scan# 3189
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24



Tgt Ion:240 Resp: 94266
Ion Ratio Lower Upper
240 100
120 2.2 1.7 2.5
236 25.9 21.1 31.7





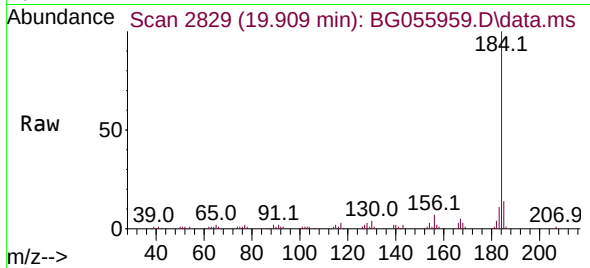
#77
Benzidine
Concen: 38.101 ng
RT: 19.909 min Scan# 2829
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

Instrument :

BNA_G

ClientSampleId :

PB149581BS

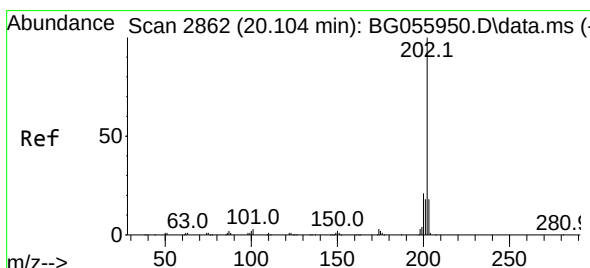
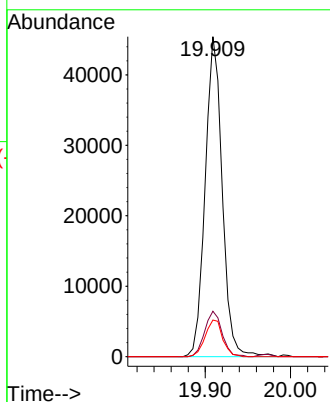
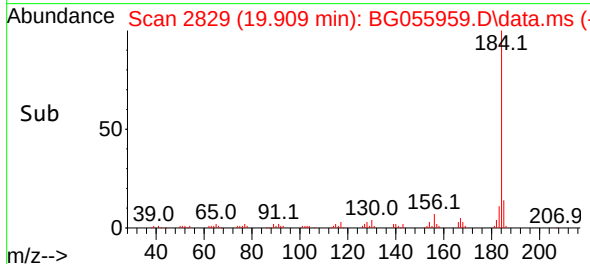


Tgt Ion:184 Resp: 63075
Ion Ratio Lower Upper
184 100
185 14.2 10.9 16.3
183 11.4 9.2 13.8

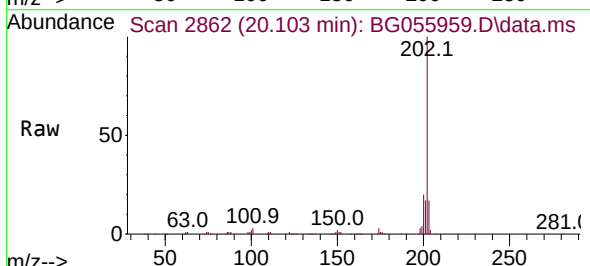
Manual Integrations

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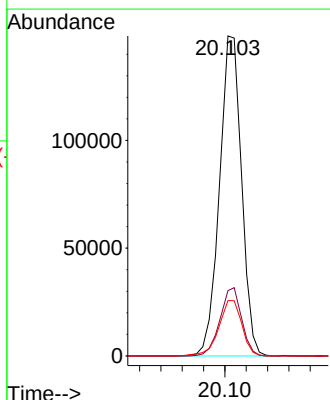
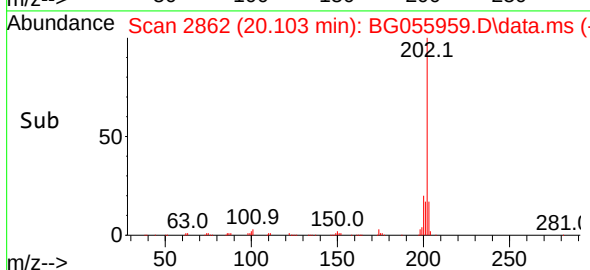
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

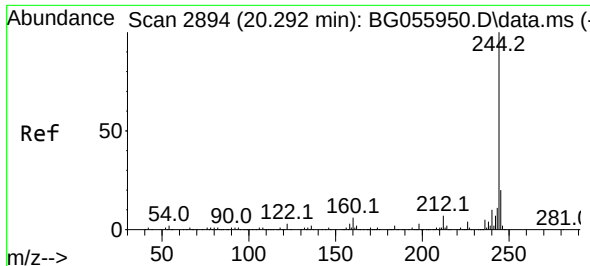


#78
Pyrene
Concen: 37.469 ng
RT: 20.103 min Scan# 2862
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24



Tgt Ion:202 Resp: 213726
Ion Ratio Lower Upper
202 100
200 20.4 16.7 25.1
203 17.3 14.6 21.8





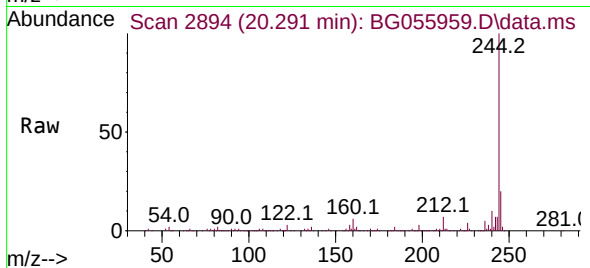
#79
 Terphenyl-d14
 Concen: 77.624 ng
 RT: 20.291 min Scan# 2894
 Delta R.T. -0.001 min
 Lab File: BG055959.D
 Acq: 14 Dec 2022 14:24

Instrument :

BNA_G

ClientSampleId :

PB149581BS

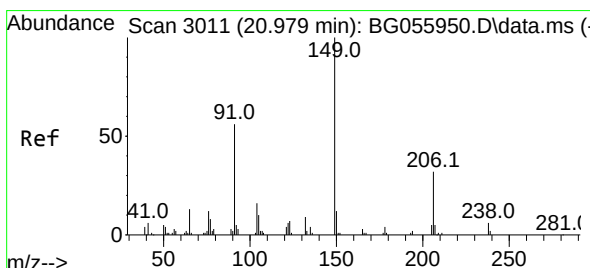
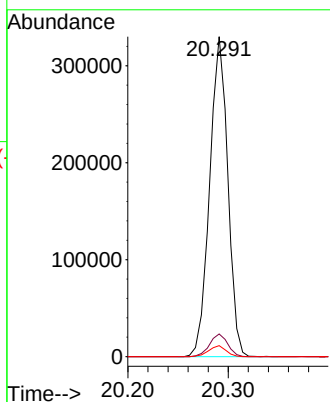
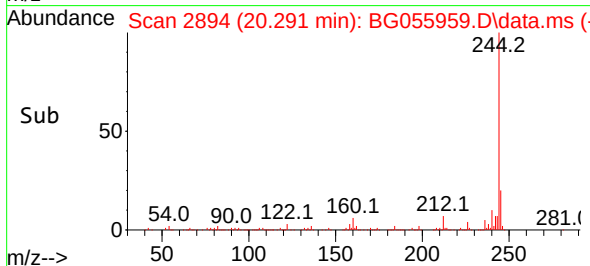


Tgt Ion:244 Resp: 414017
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 3.4 2.5 3.7

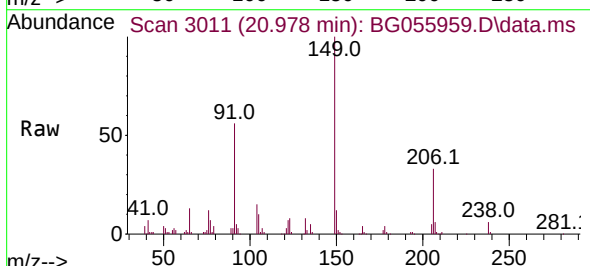
Manual Integrations

APPROVED

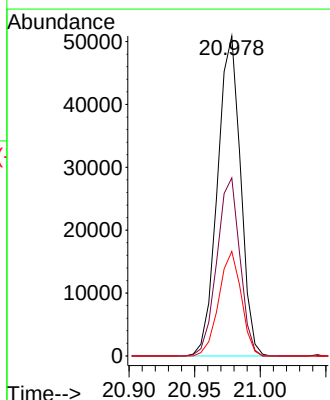
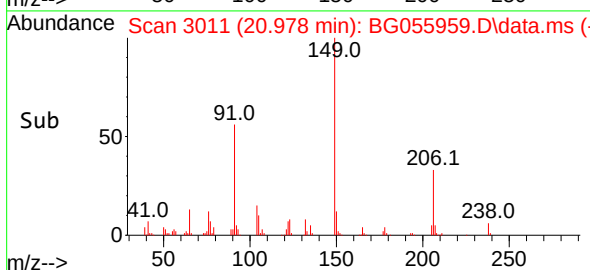
Reviewed By :Jagrut Upadhyay 12/15/2022
 Supervised By :mohammad ahmed 12/16/2022

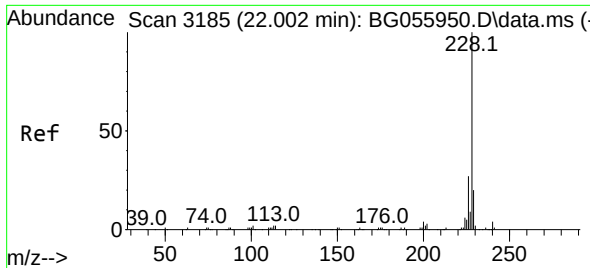


#80
 Butylbenzylphthalate
 Concen: 38.472 ng
 RT: 20.978 min Scan# 3011
 Delta R.T. -0.001 min
 Lab File: BG055959.D
 Acq: 14 Dec 2022 14:24



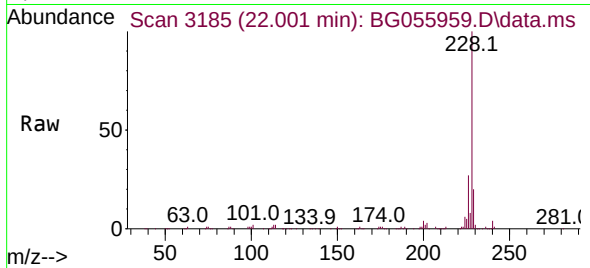
Tgt Ion:149 Resp: 62184
 Ion Ratio Lower Upper
 149 100
 91 55.6 44.5 66.7
 206 32.6 25.8 38.6





#81
Benzo(a)anthracene
Concen: 37.059 ng
RT: 22.001 min Scan# 3185
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

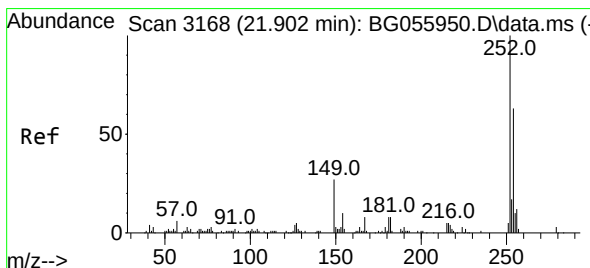
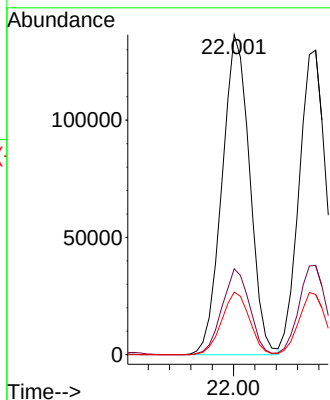
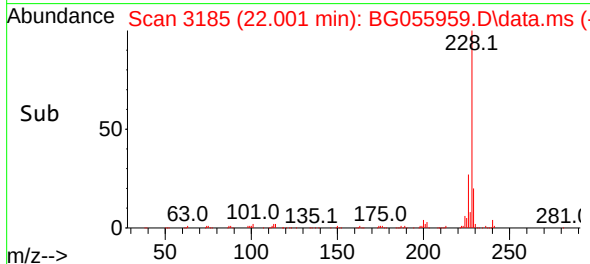
Instrument :
BNA_G
ClientSampleId :
PB149581BS



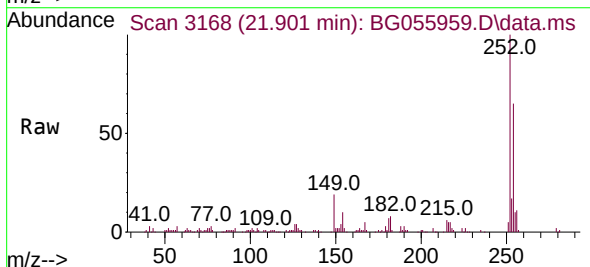
Tgt Ion:228 Resp: 245825
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.6
229 19.5 15.9 23.9

Manual Integrations
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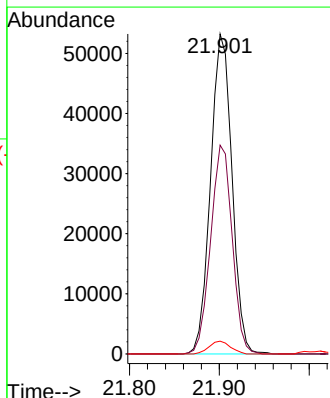
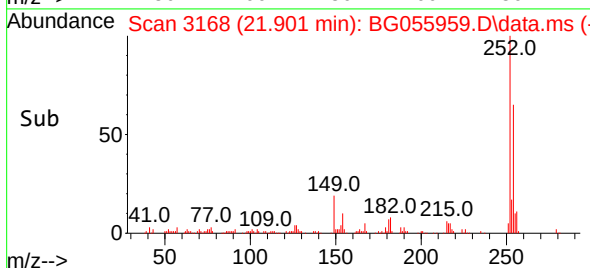
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

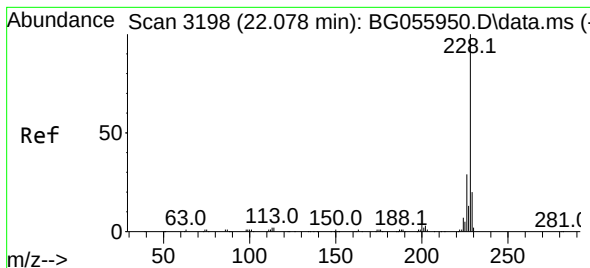


#82
3,3'-Dichlorobenzidine
Concen: 36.913 ng
RT: 21.901 min Scan# 3168
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24



Tgt Ion:252 Resp: 88096
Ion Ratio Lower Upper
252 100
254 65.2 50.2 75.2
126 4.0 3.1 4.7





#83

Chrysene

Concen: 36.900 ng

RT: 22.077 min Scan# 3198

Delta R.T. -0.001 min

Lab File: BG055959.D

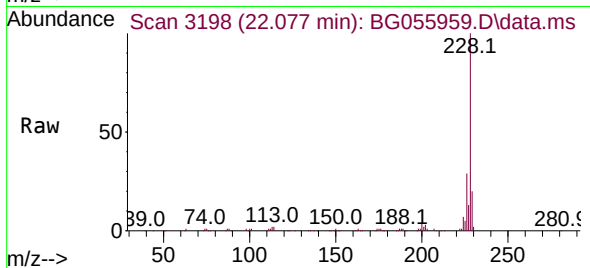
Acq: 14 Dec 2022 14:24

Instrument :

BNA_G

ClientSampleId :

PB149581BS



Tgt Ion:228 Resp: 229398

Ion Ratio Lower Upper

228 100

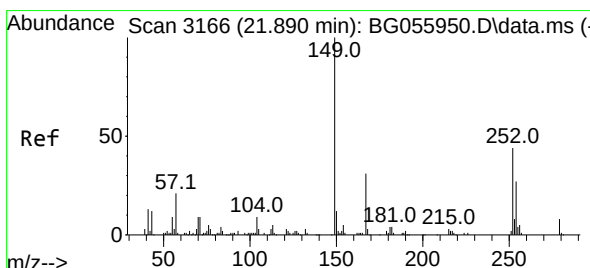
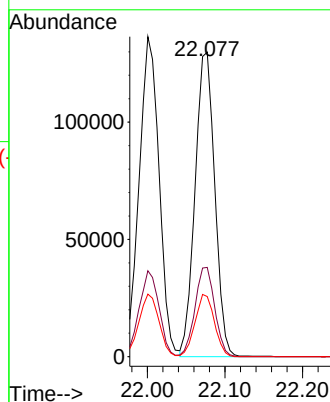
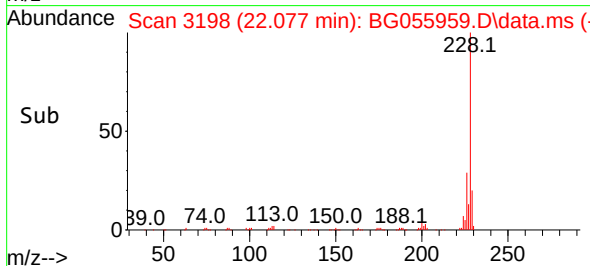
226 29.3 23.1 34.7

229 19.7 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.274 ng

RT: 21.883 min Scan# 3165

Delta R.T. -0.007 min

Lab File: BG055959.D

Acq: 14 Dec 2022 14:24

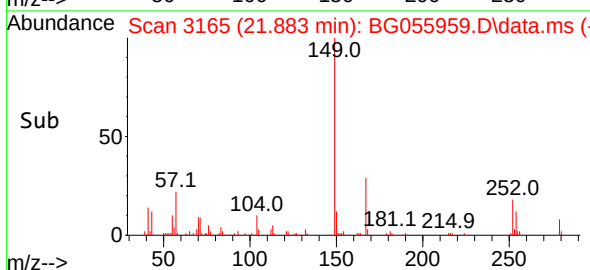
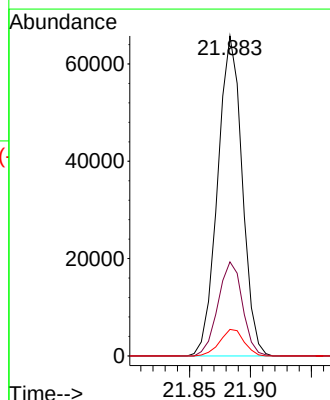
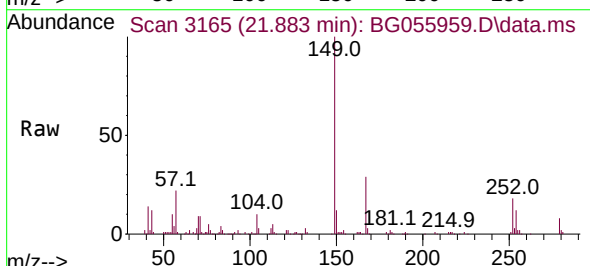
Tgt Ion:149 Resp: 91910

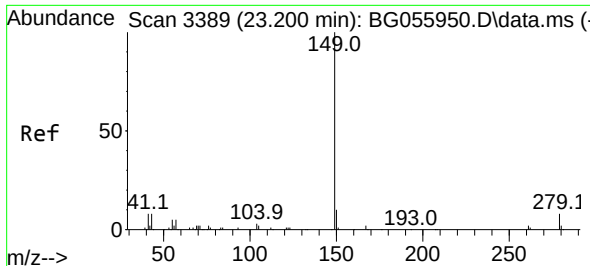
Ion Ratio Lower Upper

149 100

167 29.4 24.6 36.8

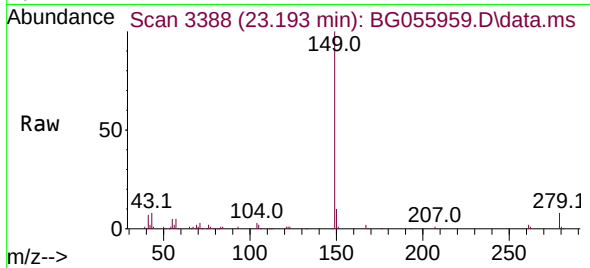
279 8.3 6.3 9.5





#85
Di-n-octyl phthalate
Concen: 38.316 ng
RT: 23.193 min Scan# 3388
Delta R.T. -0.007 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

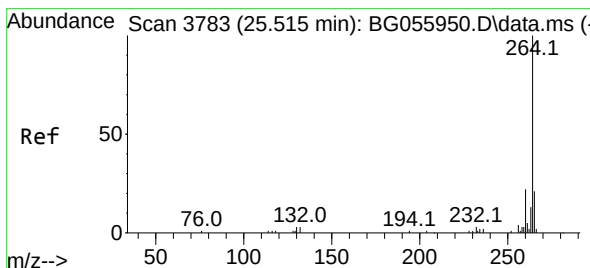
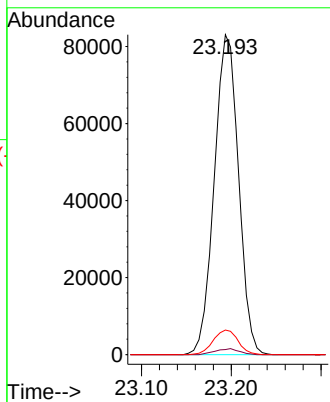
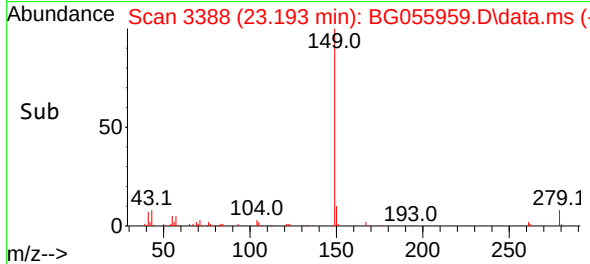
Instrument :
BNA_G
ClientSampleId :
PB149581BS



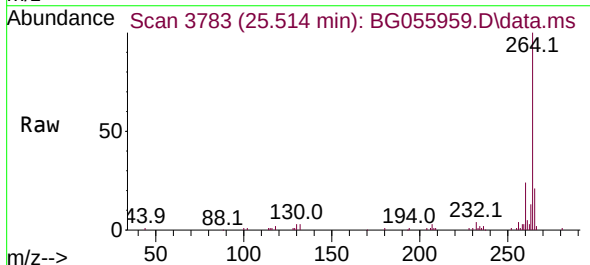
Tgt Ion:149 Resp: 156079
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 7.9 6.9 10.3

Manual Integrations
APPROVED

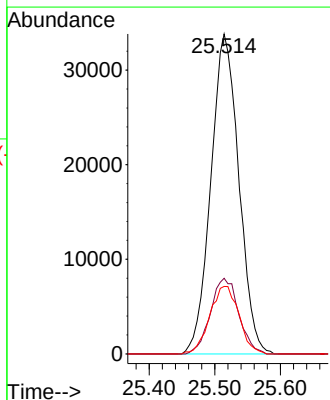
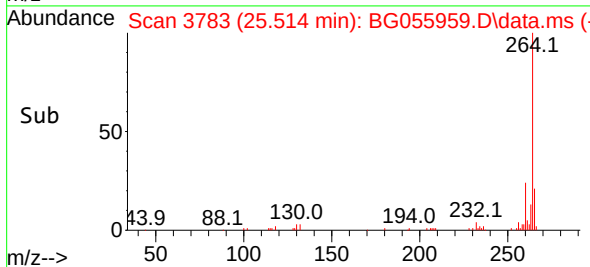
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

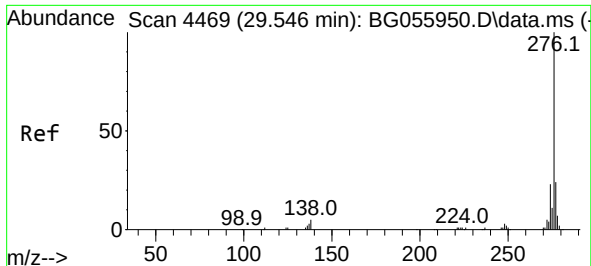


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.514 min Scan# 3783
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24



Tgt Ion:264 Resp: 100361
Ion Ratio Lower Upper
264 100
260 23.6 17.8 26.8
265 21.1 16.6 25.0





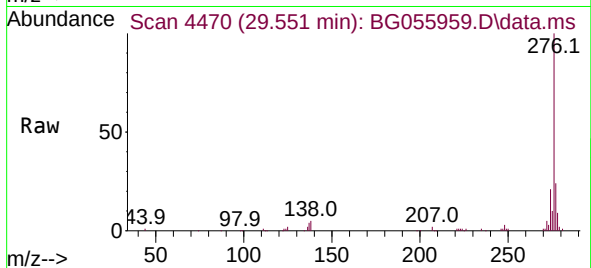
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.051 ng
RT: 29.551 min Scan# 4469
Delta R.T. 0.005 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

Instrument :

BNA_G

ClientSampleId :

PB149581BS

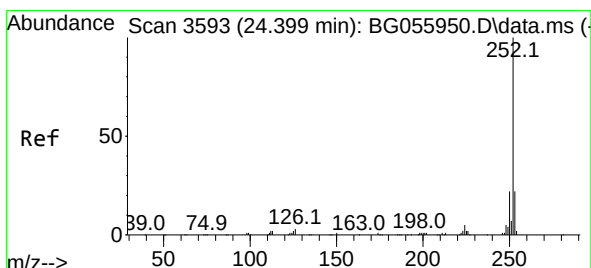
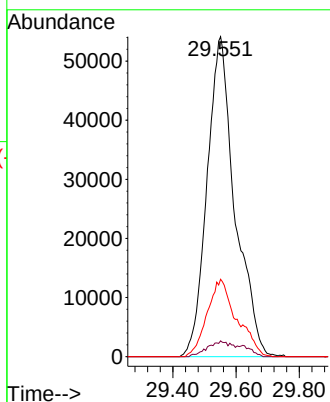
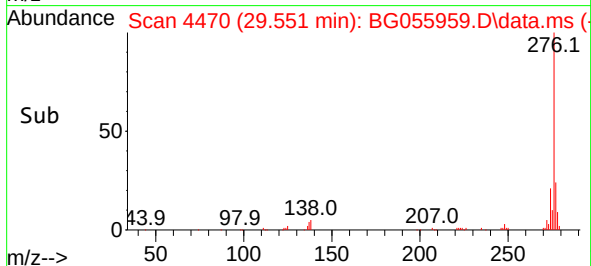


Tgt Ion:276 Resp: 331298
Ion Ratio Lower Upper
276 100
138 4.2 3.0 4.4
277 25.7 20.4 30.6

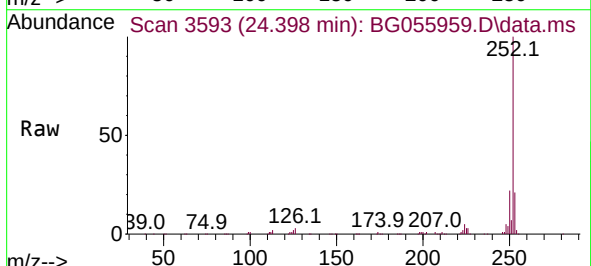
Manual Integrations

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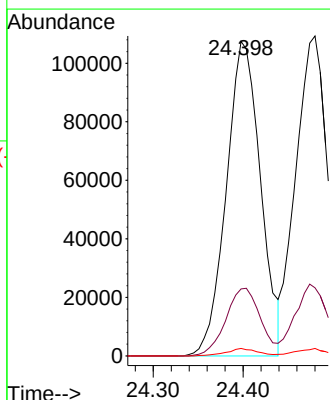
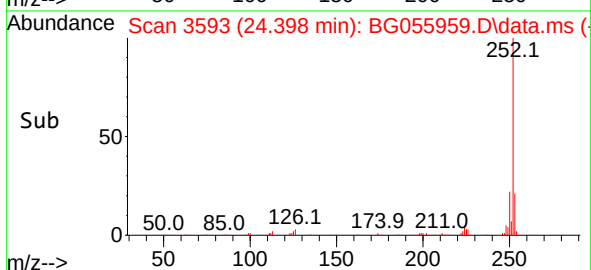
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

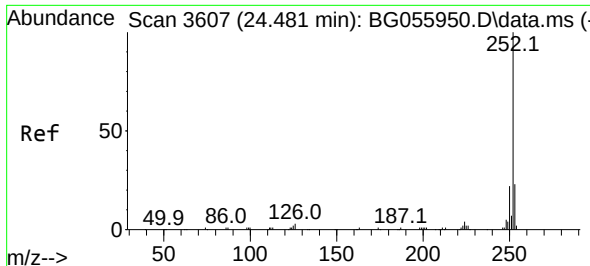


#88
Benzo(b)fluoranthene
Concen: 43.967 ng
RT: 24.398 min Scan# 3593
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24



Tgt Ion:252 Resp: 285573
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.0
125 2.4 1.8 2.8





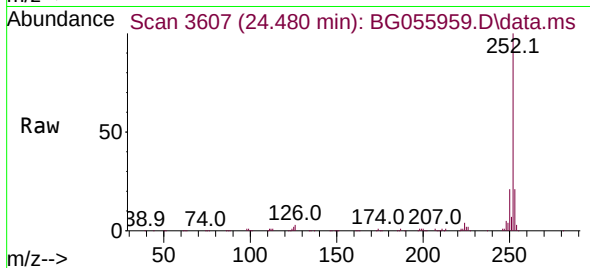
#89
Benzo(k)fluoranthene
Concen: 42.200 ng
RT: 24.480 min Scan# 3607
Delta R.T. -0.001 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

Instrument :

BNA_G

ClientSampleId :

PB149581BS

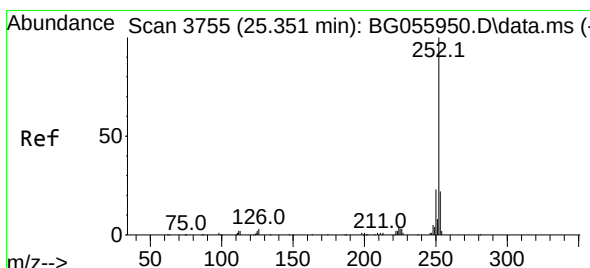
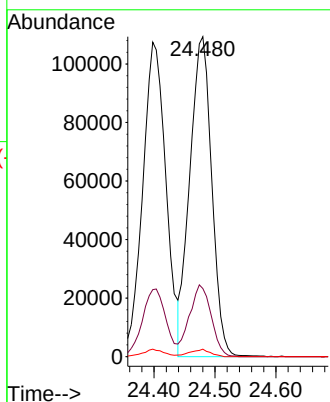
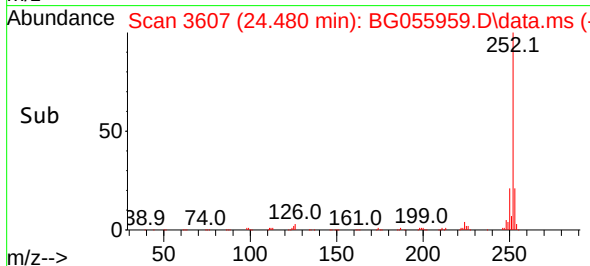


Tgt Ion:252 Resp: 273475
Ion Ratio Lower Upper
252 100
253 21.3 18.2 27.2
125 2.3 2.0 3.0

Manual Integrations

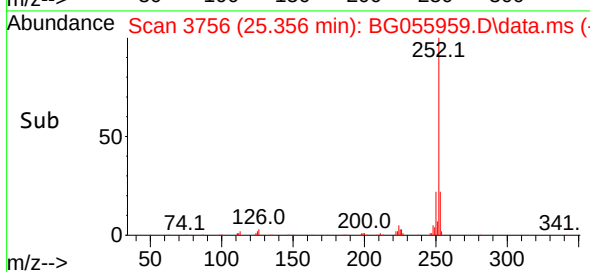
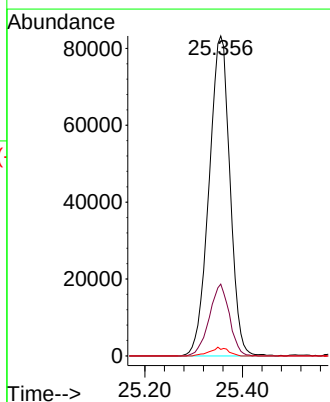
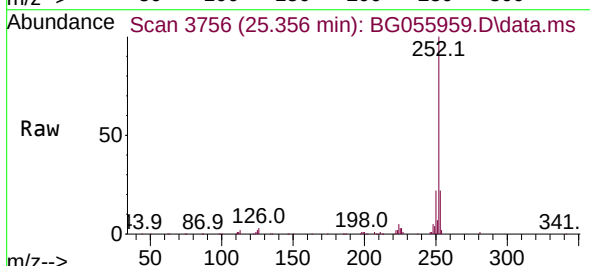
APPROVED

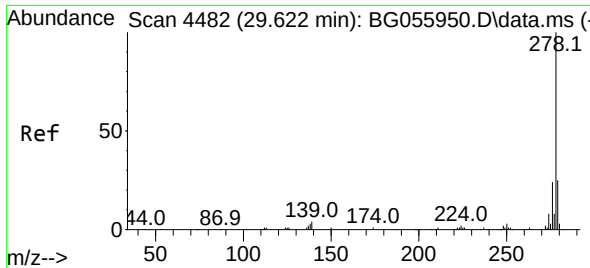
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#90
Benzo(a)pyrene
Concen: 45.089 ng
RT: 25.356 min Scan# 3756
Delta R.T. 0.005 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

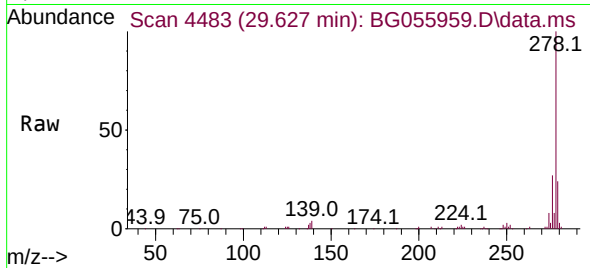
Tgt Ion:252 Resp: 247550
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 2.0 1.9 2.9





#91
Dibenzo(a,h)anthracene
Concen: 42.281 ng
RT: 29.627 min Scan# 4482
Delta R.T. 0.005 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24

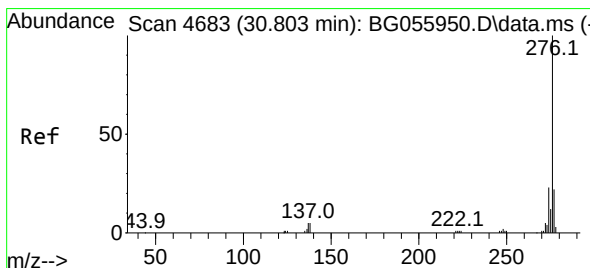
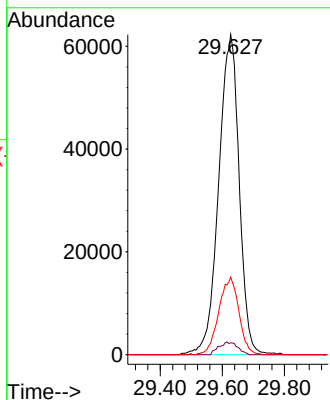
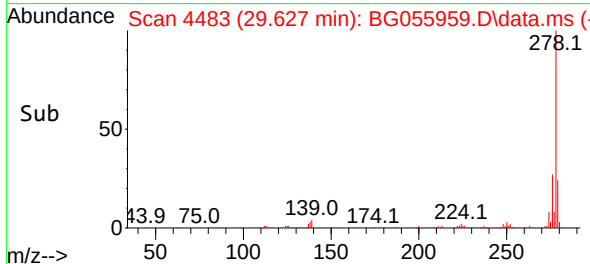
Instrument :
BNA_G
ClientSampleId :
PB149581BS



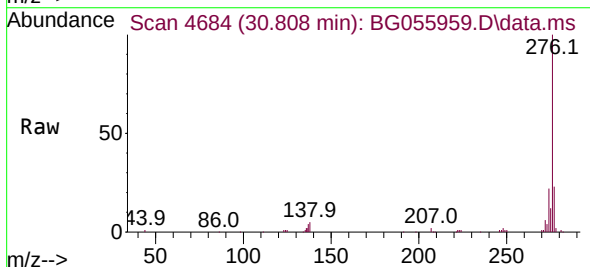
Tgt Ion:278 Resp: 285602
Ion Ratio Lower Upper
278 100
139 3.7 2.9 4.3
279 24.2 20.0 30.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#92
Benzo(g,h,i)perylene
Concen: 42.179 ng
RT: 30.808 min Scan# 4684
Delta R.T. 0.005 min
Lab File: BG055959.D
Acq: 14 Dec 2022 14:24



Tgt Ion:276 Resp: 275470
Ion Ratio Lower Upper
276 100
277 22.6 17.8 26.6
138 4.7 3.8 5.6

