

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
 Data File : BG055976.D
 Acq On : 15 Dec 2022 14:18
 Operator : CG/JU
 Sample : PB149554BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149554BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2022
 Supervised By :mohammad ahmed 12/17/2022

Quant Time: Dec 16 04:01:48 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	8.373	152	7074	20.000	ng	0.00
21) Naphthalene-d8	11.210	136	27618	20.000	ng	# 0.00
39) Acenaphthene-d10	14.982	164	25950	20.000	ng	0.00
64) Phenanthrene-d10	17.720	188	71651	20.000	ng	# 0.00
76) Chrysene-d12	22.033	240	74002	20.000	ng	0.00
86) Perylene-d12	25.523	264	84116	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.887	112	45119	149.579	ng	0.00
7) Phenol-d6	7.503	99	55717	143.619	ng	0.00
23) Nitrobenzene-d5	9.548	82	35221	89.120	ng	0.00
42) 2,4,6-Tribromophenol	16.463	330	86168	137.707	ng	0.00
45) 2-Fluorobiphenyl	13.613	172	142913	77.238	ng	0.00
79) Terphenyl-d14	20.294	244	368747	88.068	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.713	88	2717	30.951	ng	95
3) Pyridine	4.130	79	8206	28.405	ng	94
4) n-Nitrosodimethylamine	4.036	42	9244	35.596	ng	# 97
6) Aniline	7.685	93	12991	27.968	ng	95
8) 2-Chlorophenol	7.932	128	18081	46.462	ng	94
9) Benzaldehyde	7.497	77	1226	5.032	ng	# 89
10) Phenol	7.532	94	18884	44.476	ng	99
11) bis(2-Chloroethyl)ether	7.779	93	11371	41.115	ng	91
12) 1,3-Dichlorobenzene	8.267	146	20180	40.087	ng	95
13) 1,4-Dichlorobenzene	8.408	146	19996	38.867	ng	98
14) 1,2-Dichlorobenzene	8.737	146	19711	40.090	ng	98
15) Benzyl Alcohol	8.602	79	16894	41.909	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.895	45	15430	42.866	ng	95
17) 2-Methylphenol	8.801	107	14933	44.701	ng	96
18) Hexachloroethane	9.471	117	6472	41.443	ng	90
19) n-Nitroso-di-n-propyla...	9.177	70	11508	41.384	ng	# 92
20) 3+4-Methylphenols	9.125	107	20343	42.672	ng	96
22) Acetophenone	9.201	105	26546	38.774	ng	99
24) Nitrobenzene	9.589	77	17729	44.568	ng	96
25) Isophorone	10.112	82	32823	39.607	ng	97
26) 2-Nitrophenol	10.306	139	9799	41.611	ng	# 88
27) 2,4-Dimethylphenol	10.347	122	19041m	48.145	ng	
28) bis(2-Chloroethoxy)met...	10.588	93	16627	45.397	ng	94
29) 2,4-Dichlorophenol	10.840	162	23444	41.764	ng	94
30) 1,2,4-Trichlorobenzene	11.063	180	28036	38.421	ng	95
31) Naphthalene	11.263	128	55083	37.799	ng	98
32) Benzoic acid	10.452	122	13387	40.464	ng	96
33) 4-Chloroaniline	11.351	127	8386	13.424	ng	96
34) Hexachlorobutadiene	11.539	225	24599	35.858	ng	95
35) Caprolactam	12.115	113	6253m	39.981	ng	
36) 4-Chloro-3-methylphenol	12.438	107	22094	41.975	ng	92
37) 2-Methylnaphthalene	12.838	142	47860	37.174	ng	98
38) 1-Methylnaphthalene	13.055	142	45031	35.903	ng	100
40) 1,2,4,5-Tetrachloroben...	13.196	216	43643	39.861	ng	99
41) Hexachlorocyclopentadiene	13.179	237	64289	103.503	ng	97
43) 2,4,6-Trichlorophenol	13.425	196	27180	41.937	ng	97

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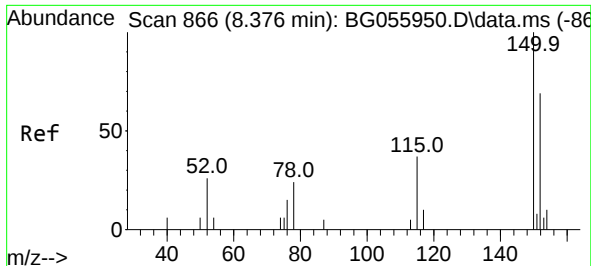
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.490	196	30286	41.454	ng	97
46) 1,1'-Biphenyl	13.825	154	70362	40.002	ng	100
47) 2-Chloronaphthalene	13.872	162	55560	38.874	ng	96
48) 2-Nitroaniline	14.060	65	13139	46.715	ng	93
49) Acenaphthylene	14.712	152	87924	38.541	ng	100
50) Dimethylphthalate	14.424	163	84341	37.593	ng	98
51) 2,6-Dinitrotoluene	14.542	165	17250	49.686	ng	91
52) Acenaphthene	15.047	154	67337	43.967	ng	96
53) 3-Nitroaniline	14.871	138	8850	25.061	ng	93
54) 2,4-Dinitrophenol	15.076	184	22707	87.977	ng	# 79
55) Dibenzofuran	15.376	168	99448	38.614	ng	99
56) 4-Nitrophenol	15.159	139	26278	92.859	ng	94
57) 2,4-Dinitrotoluene	15.323	165	24584	46.910	ng	# 90
58) Fluorene	16.022	166	79734	37.873	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.593	232	33819m	40.519	ng	
60) Diethylphthalate	15.776	149	82491	37.618	ng	99
61) 4-Chlorophenyl-phenyle...	16.005	204	56741	39.563	ng	98
62) 4-Nitroaniline	16.028	138	15155	39.407	ng	96
63) Azobenzene	16.299	77	51357	38.479	ng	98
65) 4,6-Dinitro-2-methylph...	16.081	198	14900	43.532	ng	90
66) n-Nitrosodiphenylamine	16.216	169	75240	40.071	ng	98
67) 4-Bromophenyl-phenylether	16.898	248	42562	40.539	ng	93
68) Hexachlorobenzene	17.021	284	51514	39.834	ng	97
69) Atrazine	17.150	200	21347	25.109	ng	97
70) Pentachlorophenol	17.362	266	64843	87.706	ng	96
71) Phenanthrene	17.762	178	146034	38.892	ng	99
72) Anthracene	17.855	178	148329	39.929	ng	99
73) Carbazole	18.114	167	121650	39.706	ng	100
74) Di-n-butylphthalate	18.649	149	134380	37.715	ng	99
75) Fluoranthene	19.747	202	185319	35.245	ng	99
77) Benzidine	19.924	184	23196m	17.849	ng	
78) Pyrene	20.112	202	185906	41.516	ng	98
80) Butylbenzylphthalate	20.975	149	51664	40.716	ng	99
81) Benzo(a)anthracene	22.009	228	204414	39.255	ng	99
82) 3,3'-Dichlorobenzidine	21.904	252	47162	25.173	ng	96
83) Chrysene	22.080	228	192740	39.492	ng	99
84) Bis(2-ethylhexyl)phtha...	21.886	149	77200	40.951	ng	96
85) Di-n-octyl phthalate	23.196	149	129849	40.606	ng	100
87) Indeno(1,2,3-cd)pyrene	29.559	276	269690	39.871	ng	# 99
88) Benzo(b)fluoranthene	24.413	252	228815	42.032	ng	99
89) Benzo(k)fluoranthene	24.489	252	223659	41.179	ng	97
90) Benzo(a)pyrene	25.364	252	200505	43.573	ng	100
91) Dibenzo(a,h)anthracene	29.636	278	236211	41.723	ng	# 97
92) Benzo(g,h,i)perylene	30.829	276	220836	40.344	ng	97

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

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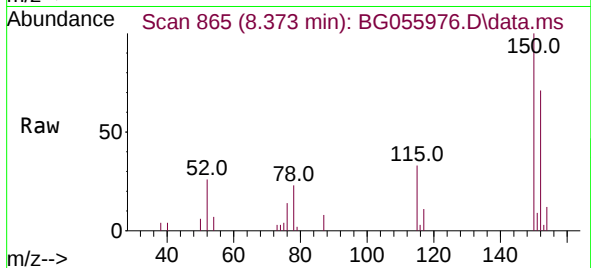
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.373 min Scan# 866
Delta R.T. -0.003 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

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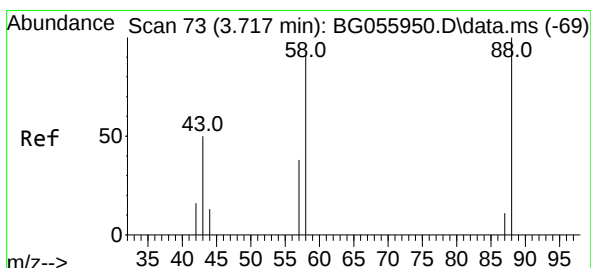
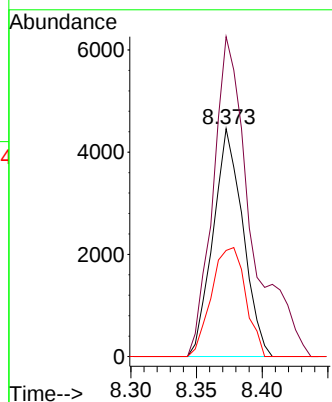
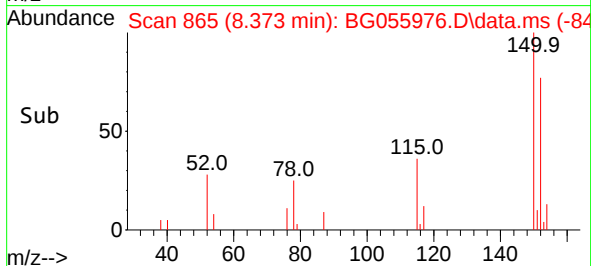


Tgt Ion:152 Resp: 7074
Ion Ratio Lower Upper
152 100
150 140.4 115.7 173.5
115 46.5 43.0 64.4

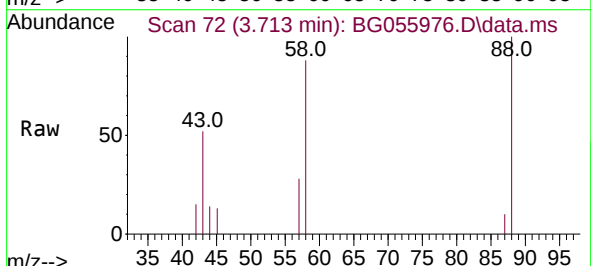
Manual Integrations

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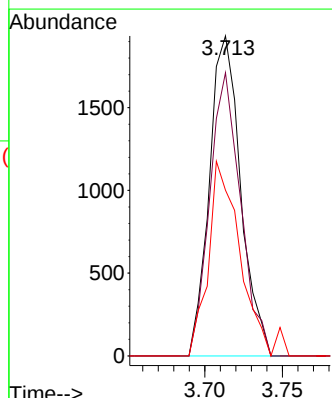
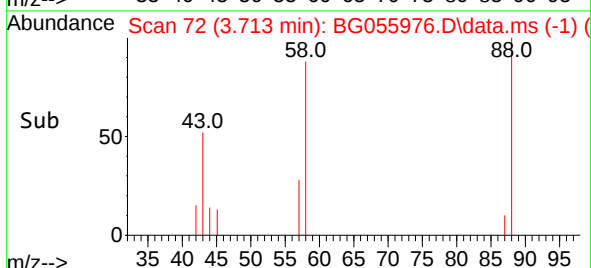
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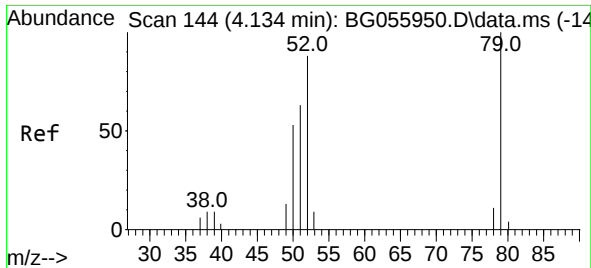


#2
1,4-Dioxane
Concen: 30.951 ng
RT: 3.713 min Scan# 72
Delta R.T. -0.004 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18



Tgt Ion: 88 Resp: 2717
Ion Ratio Lower Upper
88 100
58 87.4 67.0 100.4
43 62.6 45.7 68.5





#3

Pyridine

Concen: 28.405 ng

RT: 4.130 min Scan# 14

Delta R.T. -0.004 min

Lab File: BG055976.D

Acq: 15 Dec 2022 14:18

Instrument :

BNA_G

ClientSampleId :

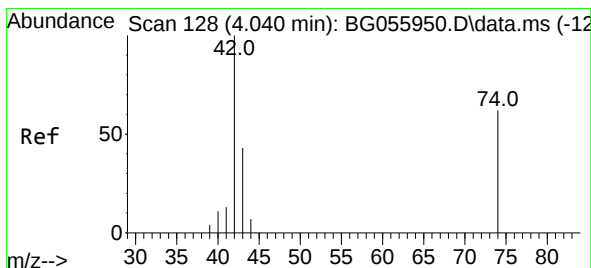
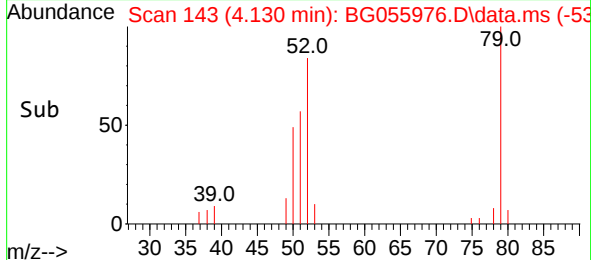
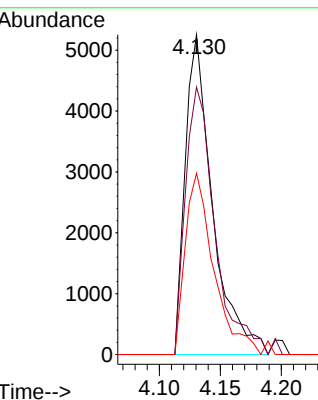
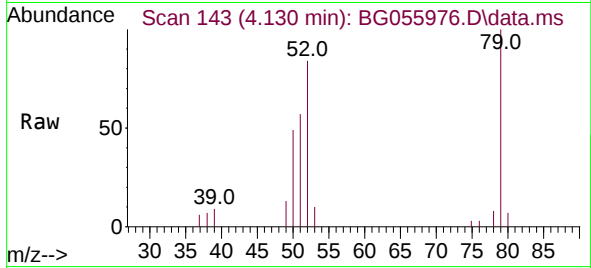
PB149554BS

Tgt Ion: 79	Resp: 8206
Ion Ratio	Lower Upper
79 100	
52 83.6	70.3 105.5
51 56.7	50.6 76.0

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#4

n-Nitrosodimethylamine

Concen: 35.596 ng

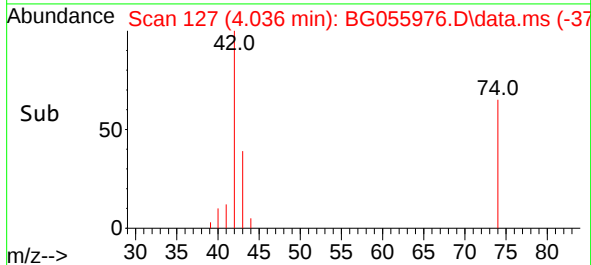
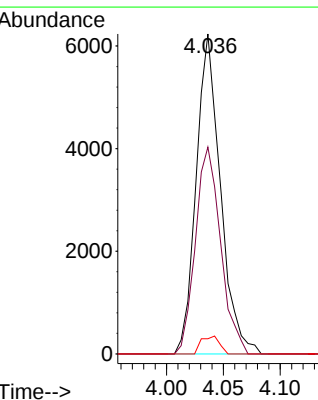
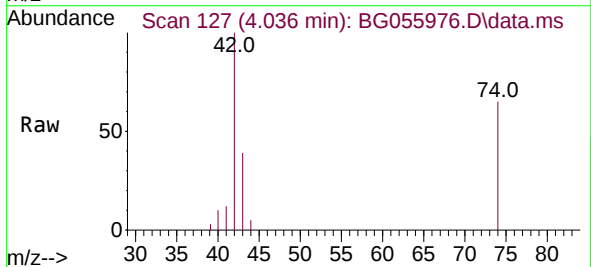
RT: 4.036 min Scan# 127

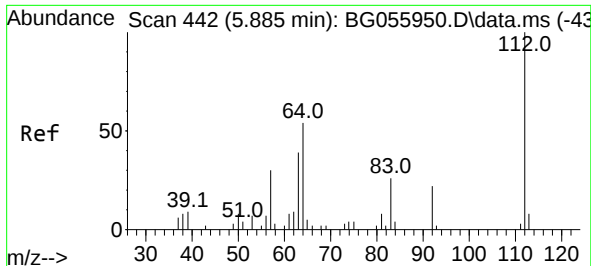
Delta R.T. -0.004 min

Lab File: BG055976.D

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Tgt Ion: 42	Resp: 9244
Ion Ratio	Lower Upper
42 100	
74 64.6	49.8 74.6
44 4.7	5.2 7.8





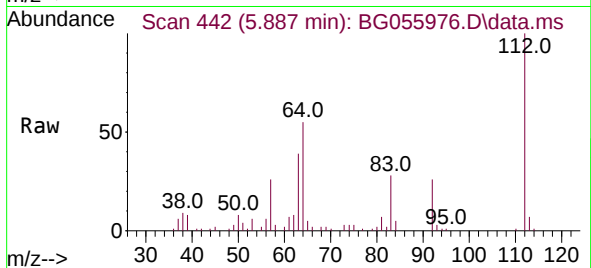
#5
2-Fluorophenol
Concen: 149.579 ng
RT: 5.887 min Scan# 442
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

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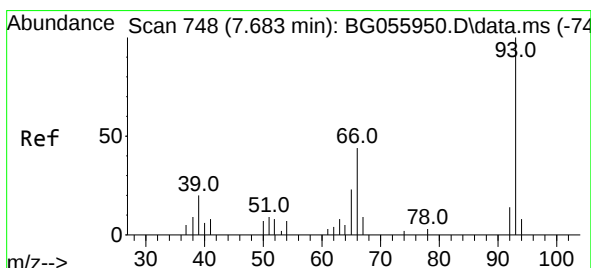
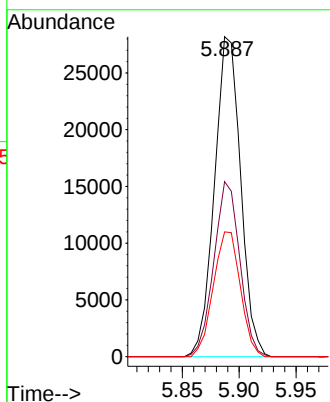
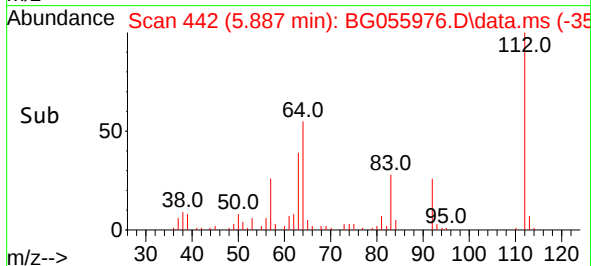


Tgt Ion:112 Resp: 45119
Ion Ratio Lower Upper
112 100
64 54.7 43.0 64.4
63 39.0 31.4 47.2

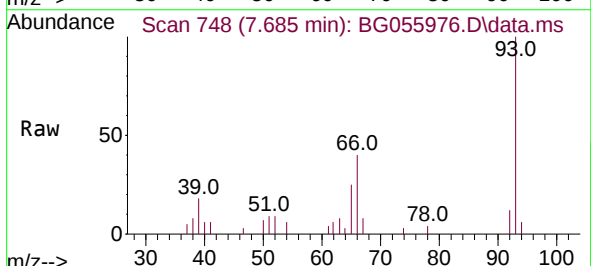
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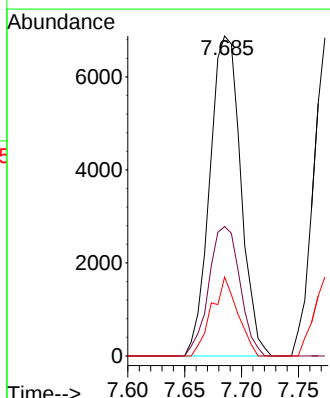
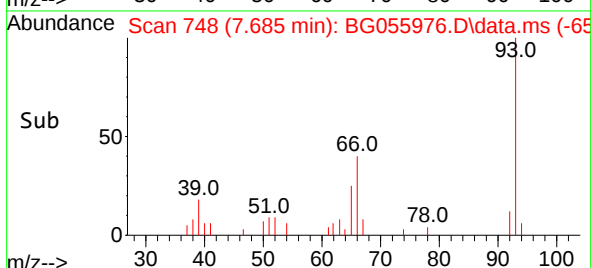
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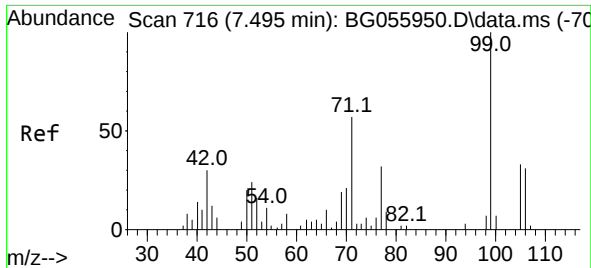


#6
Aniline
Concen: 27.968 ng
RT: 7.685 min Scan# 748
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18



Tgt Ion: 93 Resp: 12991
Ion Ratio Lower Upper
93 100
66 40.5 35.5 53.3
65 24.6 18.2 27.2





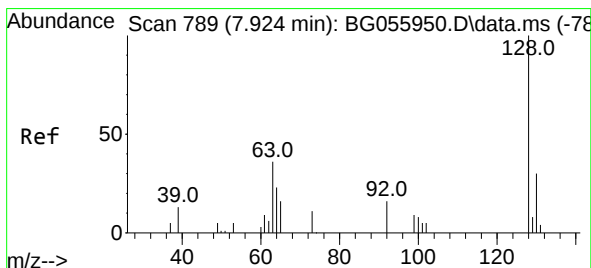
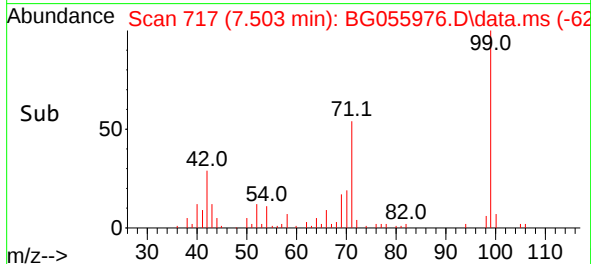
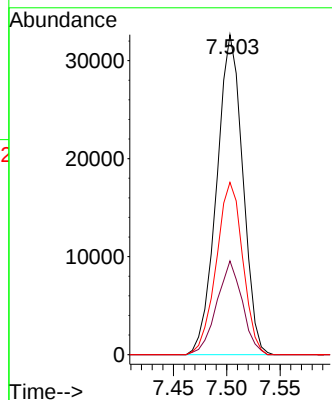
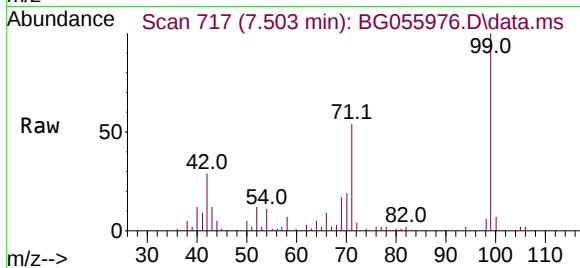
#7
Phenol-d6
Concen: 143.619 ng
RT: 7.503 min Scan# 716
Delta R.T. 0.008 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

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Tgt Ion: 99 Resp: 5571
Ion Ratio Lower Upper
99 100
42 29.3 24.3 36.5
71 53.8 45.6 68.4

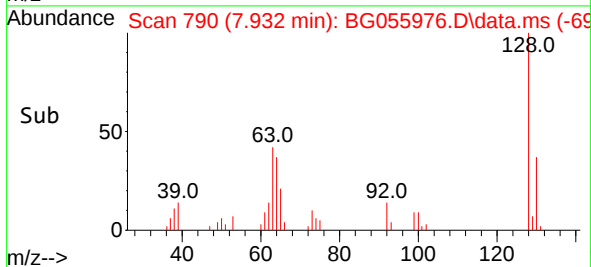
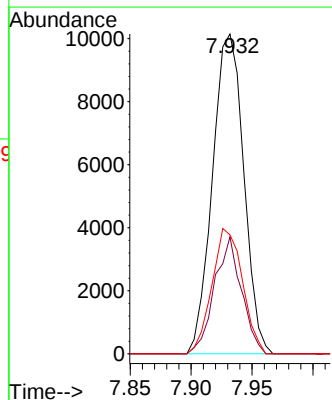
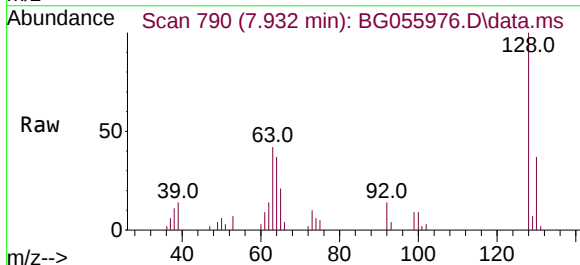
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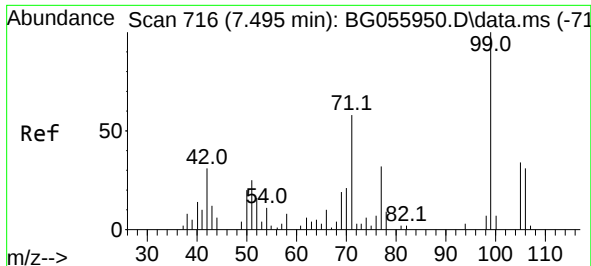
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022



#8
2-Chlorophenol
Concen: 46.462 ng
RT: 7.932 min Scan# 790
Delta R.T. 0.008 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

Tgt Ion:128 Resp: 18081
Ion Ratio Lower Upper
128 100
130 36.6 9.9 49.9
64 37.2 16.7 56.7





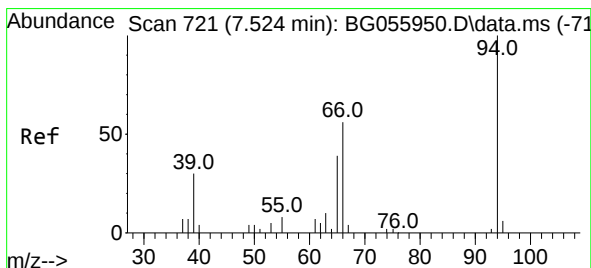
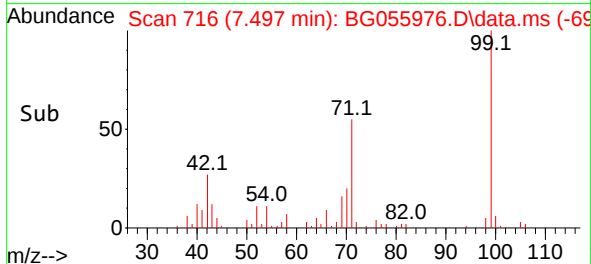
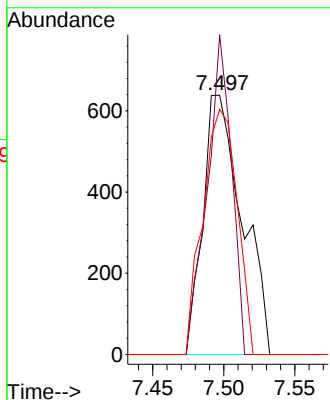
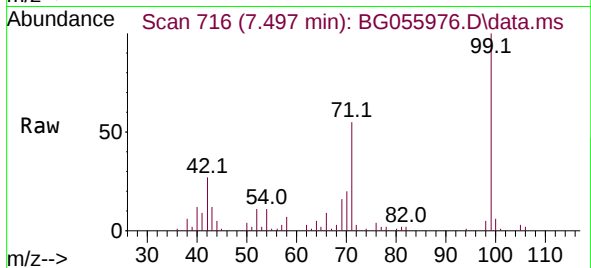
#9
Benzaldehyde
Concen: 5.032 ng
RT: 7.497 min Scan# 716
Delta R.T. 0.002 min
Lab File: BG055976.D
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Tgt Ion: 77 Resp: 1226
Ion Ratio Lower Upper
77 100
105 123.3 83.1 123.1
106 94.5 76.3 116.3

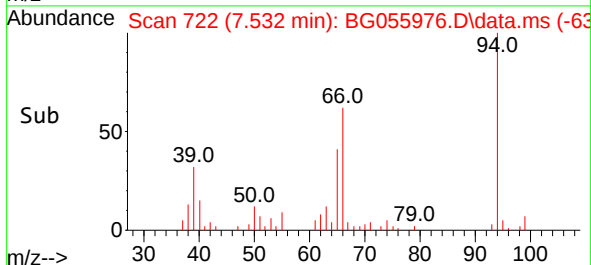
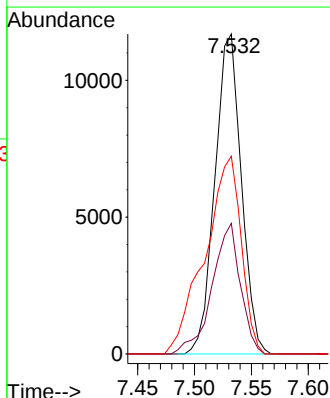
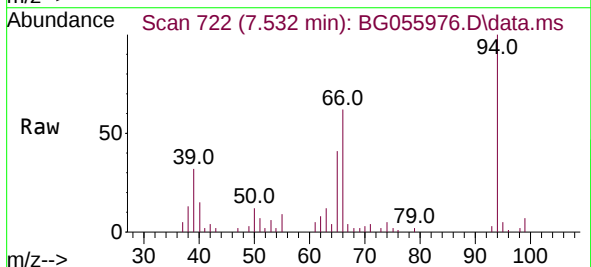
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APPROVED

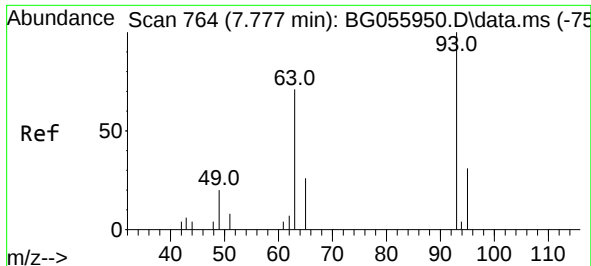
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022



#10
Phenol
Concen: 44.476 ng
RT: 7.532 min Scan# 722
Delta R.T. 0.008 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

Tgt Ion: 94 Resp: 18884
Ion Ratio Lower Upper
94 100
65 40.8 18.9 58.9
66 61.8 41.5 81.5





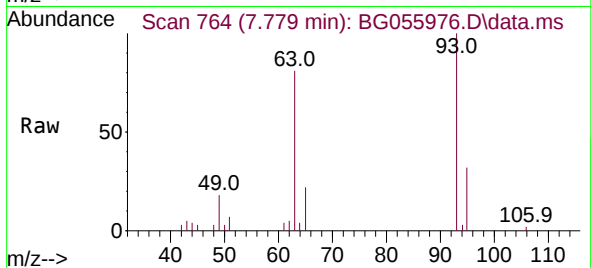
#11
bis(2-Chloroethyl)ether
Concen: 41.115 ng
RT: 7.779 min Scan# 764
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

Instrument :

BNA_G

ClientSampleId :

PB149554BS

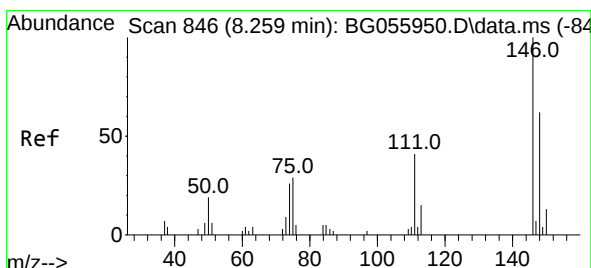
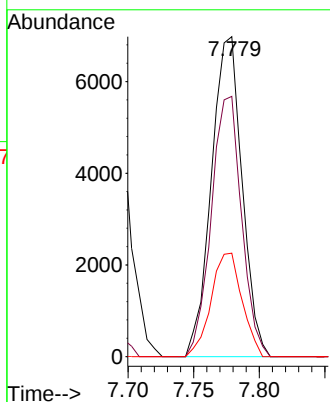
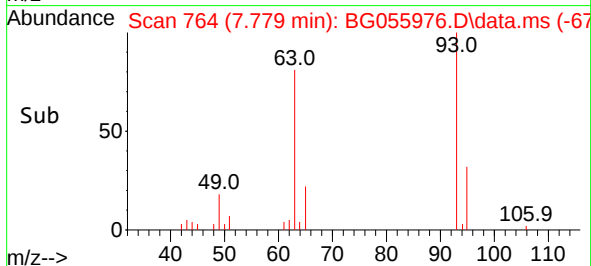


Tgt Ion: 93 Resp: 1137
Ion Ratio Lower Upper
93 100
63 81.3 51.4 91.4
95 32.3 11.3 51.3

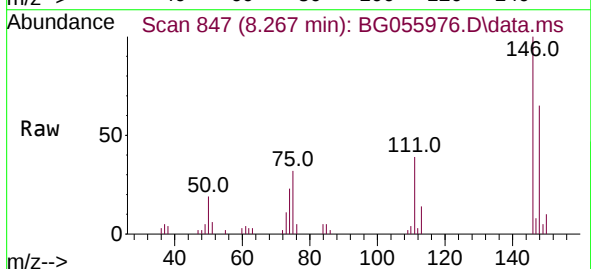
Manual Integrations

APPROVED

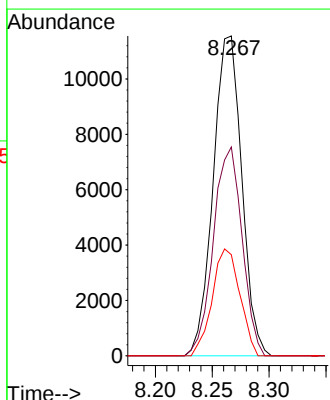
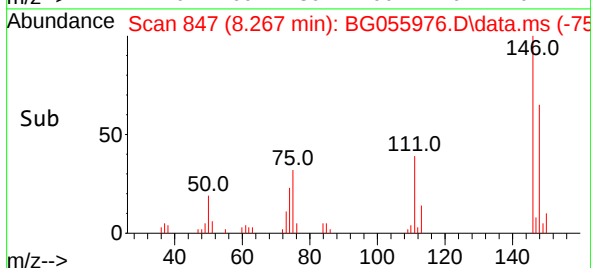
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022

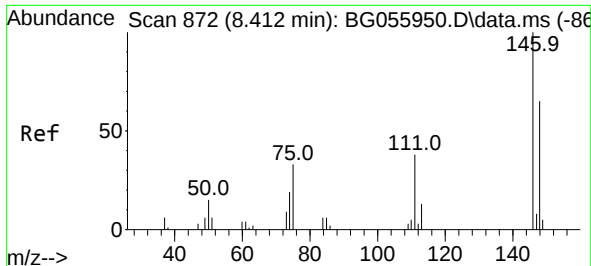


#12
1,3-Dichlorobenzene
Concen: 40.087 ng
RT: 8.267 min Scan# 847
Delta R.T. 0.008 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18



Tgt Ion:146 Resp: 20180
Ion Ratio Lower Upper
146 100
148 65.3 49.7 74.5
75 31.6 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 38.867 ng

RT: 8.408 min Scan# 871

Delta R.T. -0.004 min

Lab File: BG055976.D

Acq: 15 Dec 2022 14:18

Instrument :

BNA_G

ClientSampleId :

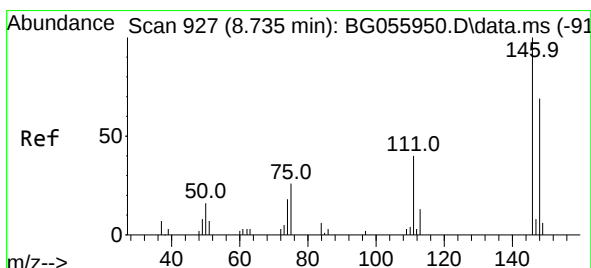
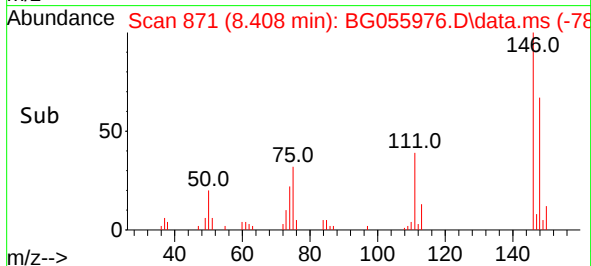
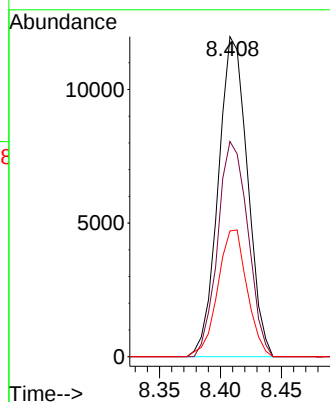
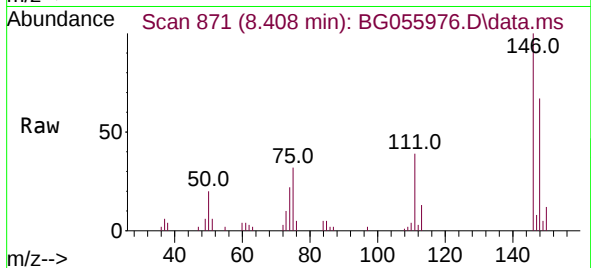
PB149554BS

Tgt Ion:146	Resp:	19996
Ion Ratio	Lower	Upper
146	100	
148	67.2	52.4 78.6
111	39.3	30.6 46.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022



#14

1,2-Dichlorobenzene

Concen: 40.090 ng

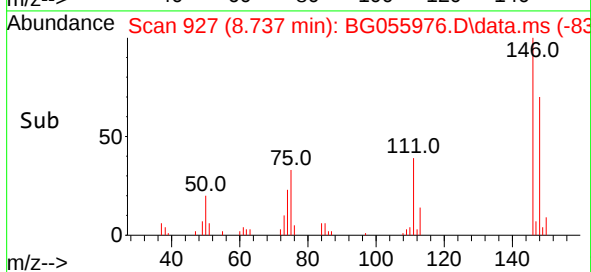
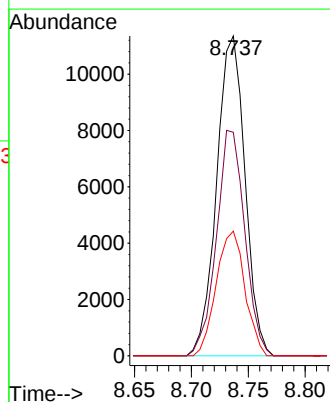
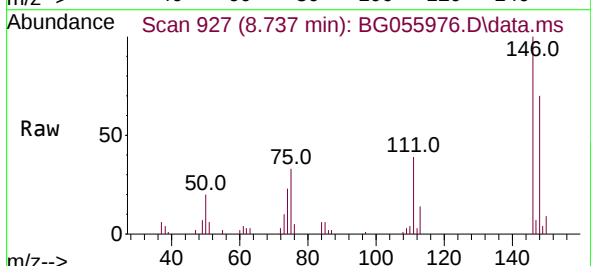
RT: 8.737 min Scan# 927

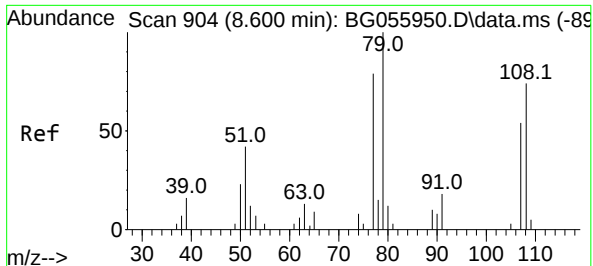
Delta R.T. 0.002 min

Lab File: BG055976.D

Acq: 15 Dec 2022 14:18

Tgt Ion:146	Resp:	19711
Ion Ratio	Lower	Upper
146	100	
148	69.9	55.1 82.7
111	39.0	32.4 48.6





#15
Benzyl Alcohol
Concen: 41.909 ng
RT: 8.602 min Scan# 904
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

Instrument :

BNA_G

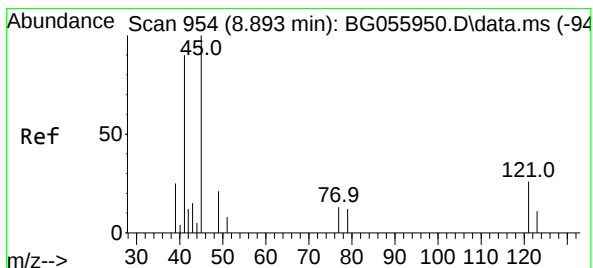
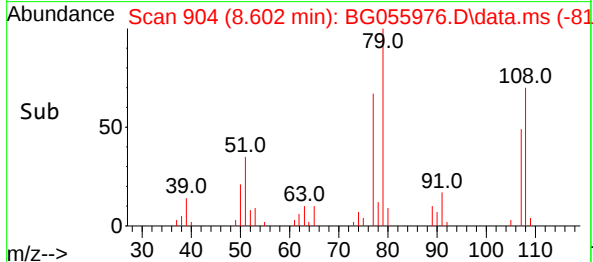
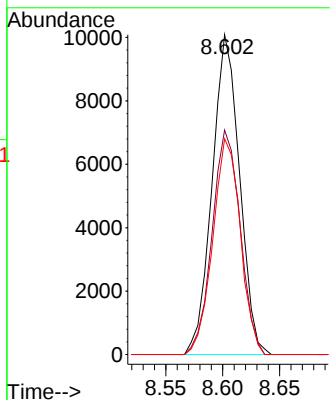
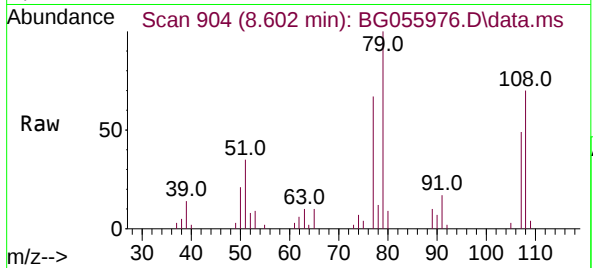
ClientSampleId :

PB149554BS

Tgt Ion: 79 Resp: 16894
Ion Ratio Lower Upper
79 100
108 70.2 59.5 89.3
77 67.4 63.0 94.6

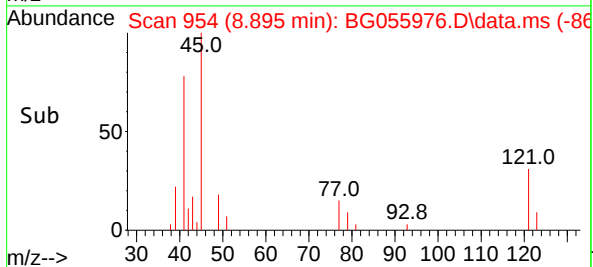
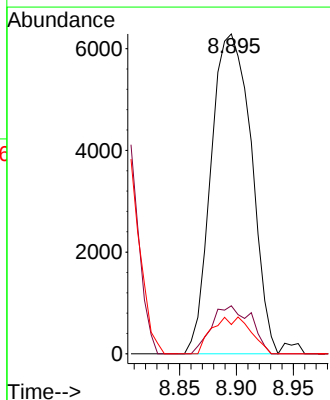
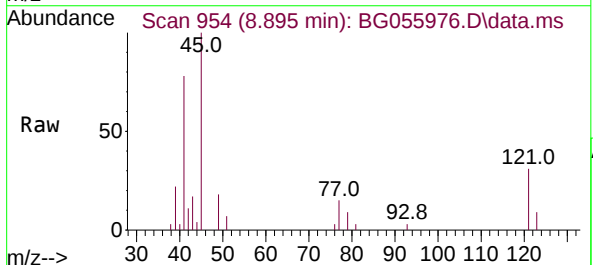
Manual Integrations
APPROVED

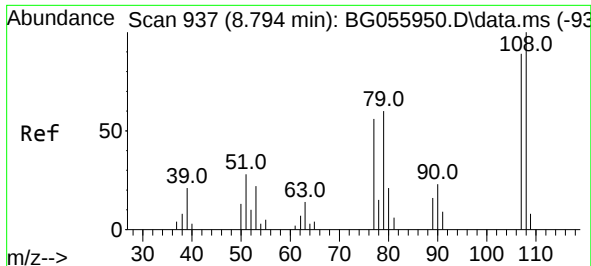
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.866 ng
RT: 8.895 min Scan# 954
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

Tgt Ion: 45 Resp: 15430
Ion Ratio Lower Upper
45 100
77 15.0 0.0 33.4
79 9.2 0.0 31.8





#17

2-Methylphenol

Concen: 44.701 ng

RT: 8.801 min Scan# 937

Delta R.T. 0.008 min

Lab File: BG055976.D

Acq: 15 Dec 2022 14:18

Instrument :

BNA_G

ClientSampleId :

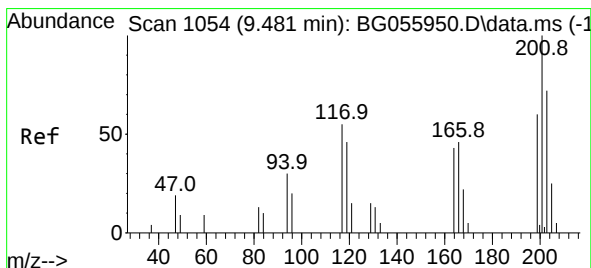
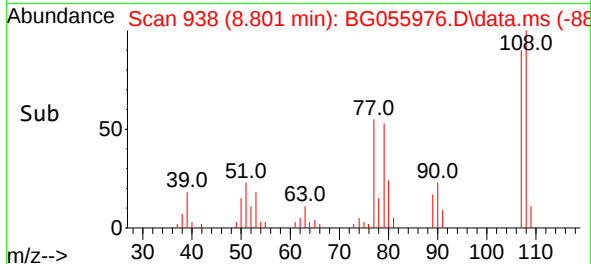
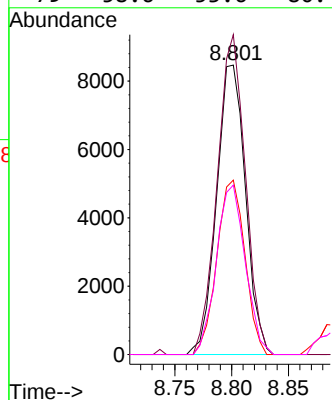
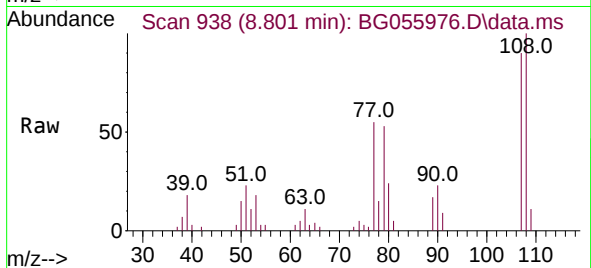
PB149554BS

Tgt Ion:	107	Resp:	1493
Ion Ratio	Lower	Upper	
107	100		
108	110.5	89.8	134.8
77	60.3	50.2	75.2
79	58.6	53.6	80.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022



#18

Hexachloroethane

Concen: 41.443 ng

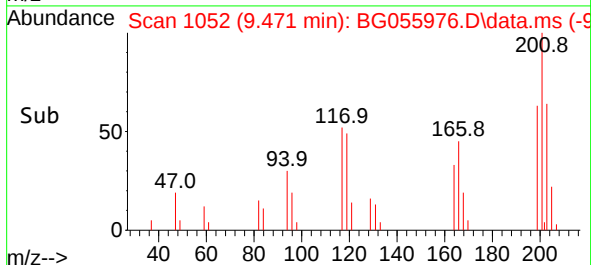
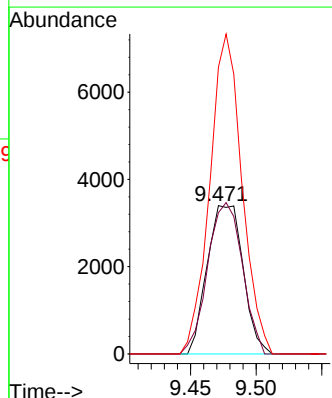
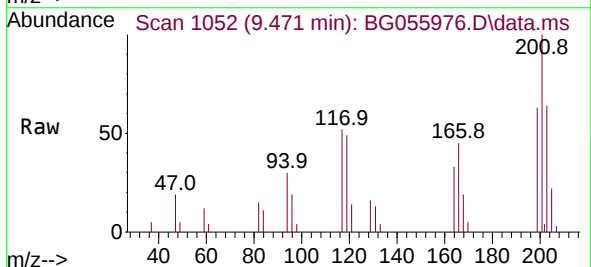
RT: 9.471 min Scan# 1052

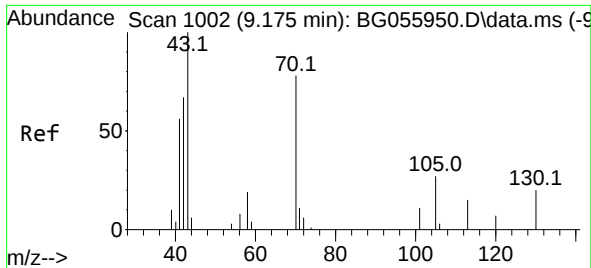
Delta R.T. -0.010 min

Lab File: BG055976.D

Acq: 15 Dec 2022 14:18

Tgt Ion:	117	Resp:	6472
Ion Ratio	Lower	Upper	
117	100		
119	95.2	66.8	100.2
201	193.4	144.6	217.0





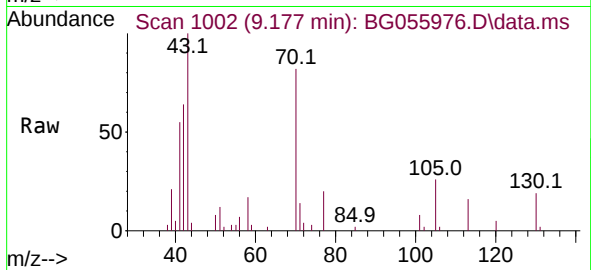
#19
n-Nitroso-di-n-propylamine
Concen: 41.384 ng
RT: 9.177 min Scan# 1002
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

Instrument :

BNA_G

ClientSampleId :

PB149554BS

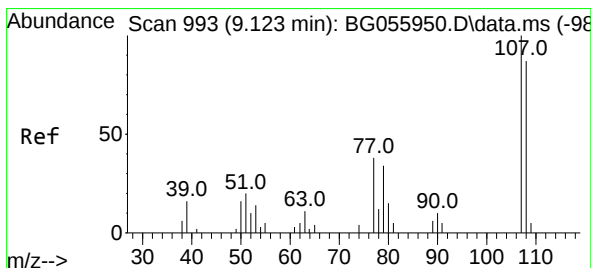
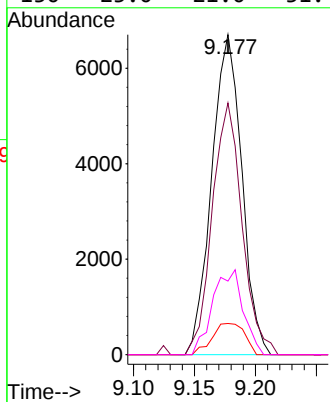
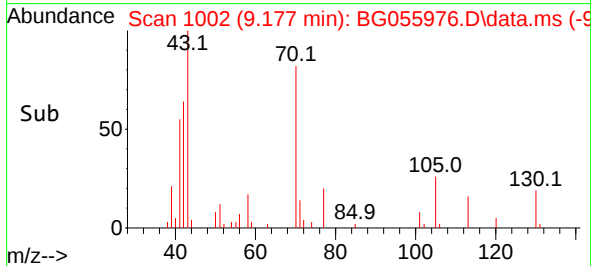


Tgt Ion: 70 Resp: 11508
Ion Ratio Lower Upper
70 100
42 78.6 69.0 103.4
101 9.7 11.8 17.8
130 23.0 21.0 31.4

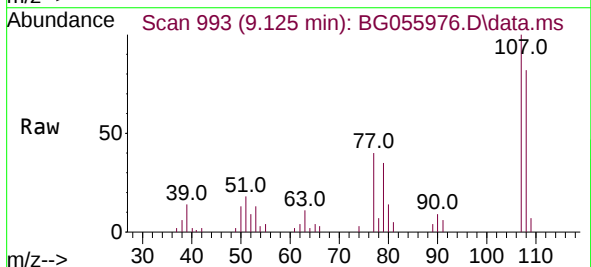
Manual Integrations

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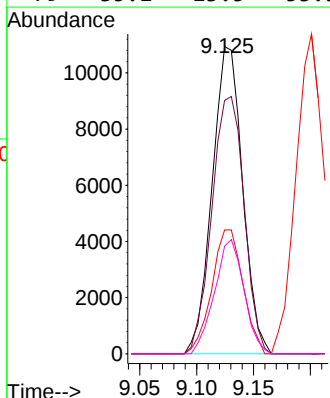
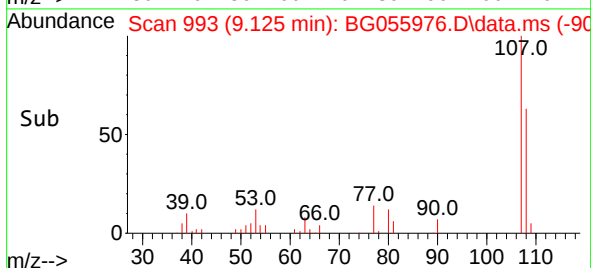
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022

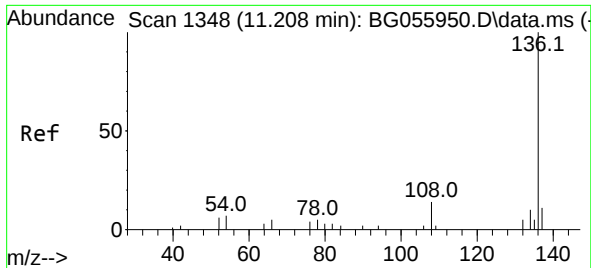


#20
3+4-Methylphenols
Concen: 42.672 ng
RT: 9.125 min Scan# 993
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18



Tgt Ion:107 Resp: 20343
Ion Ratio Lower Upper
107 100
108 82.5 67.0 107.0
77 40.3 18.3 58.3
79 35.1 13.5 53.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.210 min Scan# 1348
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

Instrument :

BNA_G

ClientSampleId :

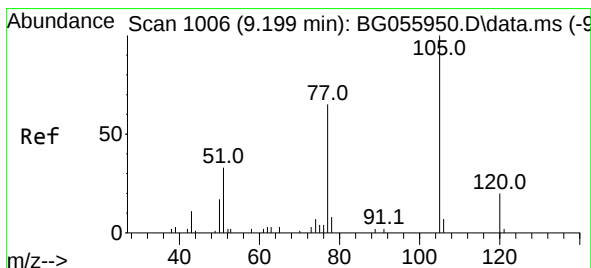
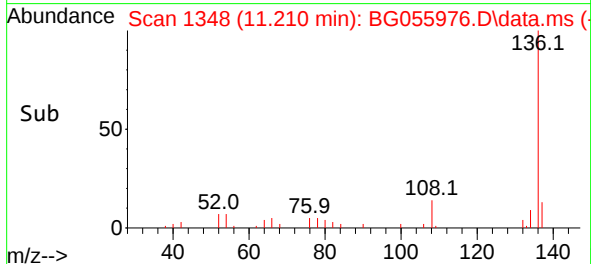
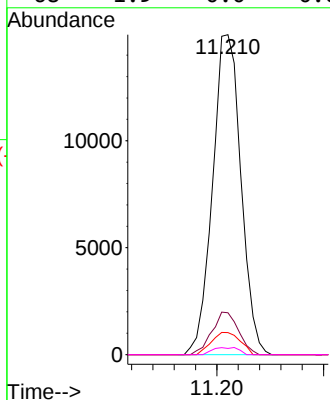
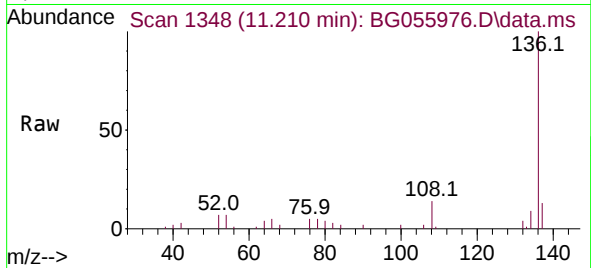
PB149554BS

Tgt Ion:136 Resp: 27618
Ion Ratio Lower Upper
136 100
137 13.1 9.2 13.8
54 6.9 5.6 8.4
68 1.9 0.0 0.0#

Manual Integrations

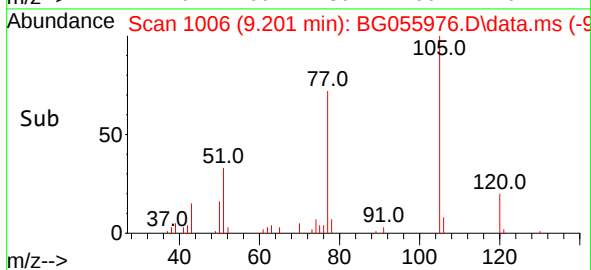
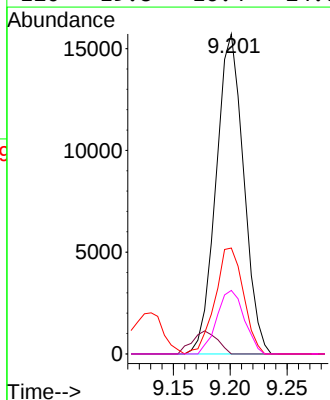
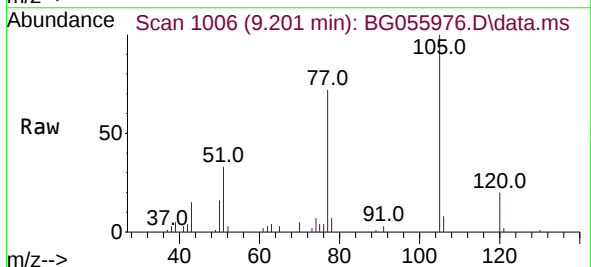
APPROVED

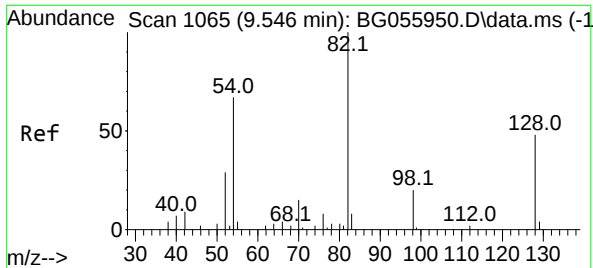
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022



#22
Acetophenone
Concen: 38.774 ng
RT: 9.201 min Scan# 1006
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

Tgt Ion:105 Resp: 26546
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 33.1 26.7 40.1
120 19.8 16.4 24.6





#23
Nitrobenzene-d5
Concen: 89.120 ng
RT: 9.548 min Scan# 1065
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

Instrument :

BNA_G

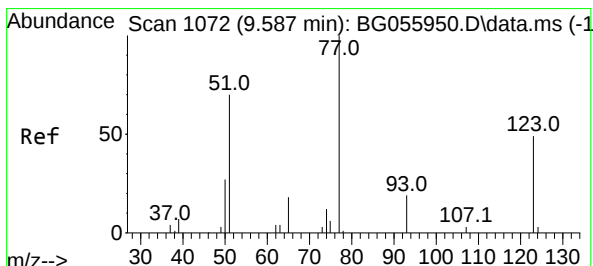
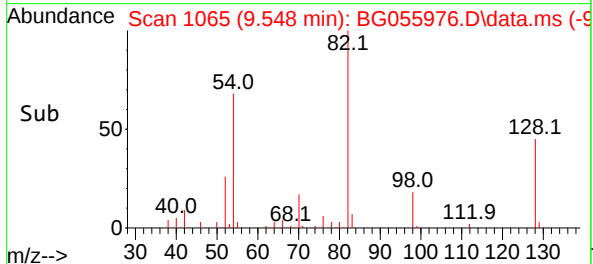
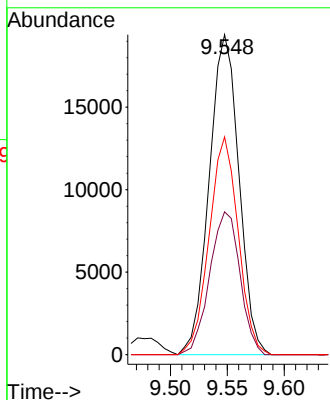
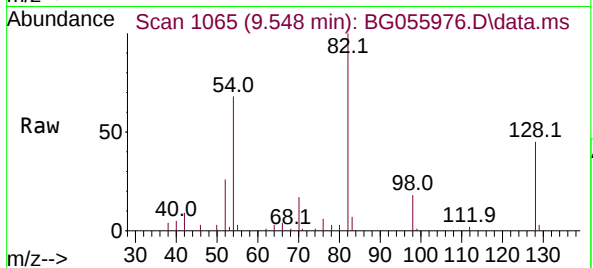
ClientSampleId :

PB149554BS

Tgt Ion: 82 Resp: 3522
Ion Ratio Lower Upper
82 100
128 44.6 38.4 57.6
54 68.0 53.3 79.9

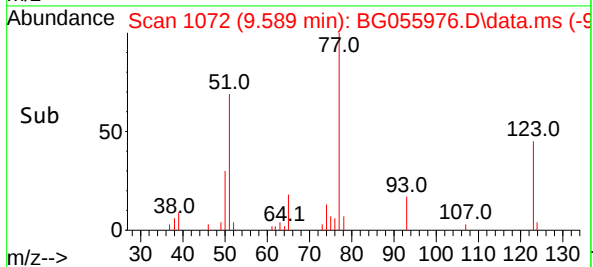
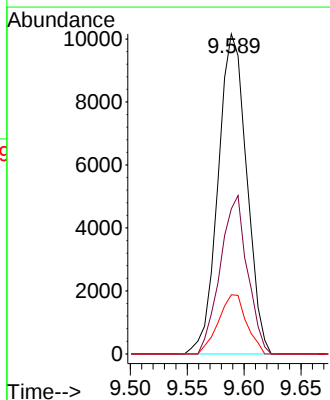
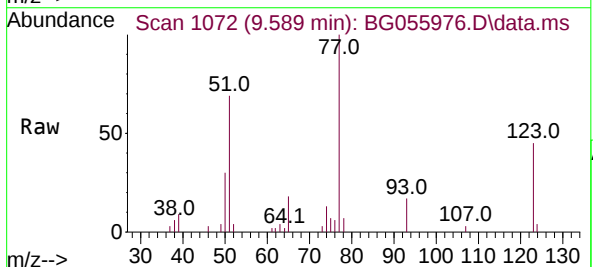
Manual Integrations
APPROVED

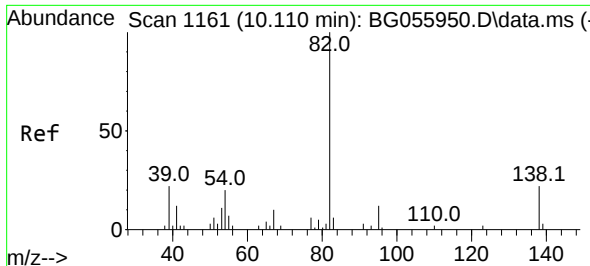
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022



#24
Nitrobenzene
Concen: 44.568 ng
RT: 9.589 min Scan# 1072
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

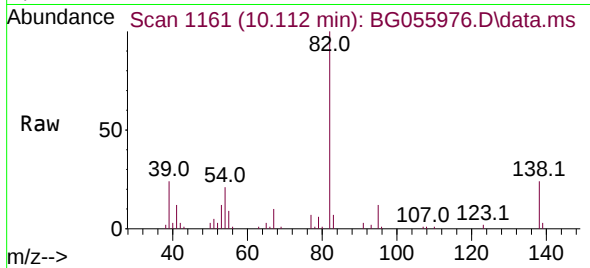
Tgt Ion: 77 Resp: 17729
Ion Ratio Lower Upper
77 100
123 45.3 38.9 58.3
65 18.5 14.7 22.1





#25
Isophorone
Concen: 39.607 ng
RT: 10.112 min Scan# 1161
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

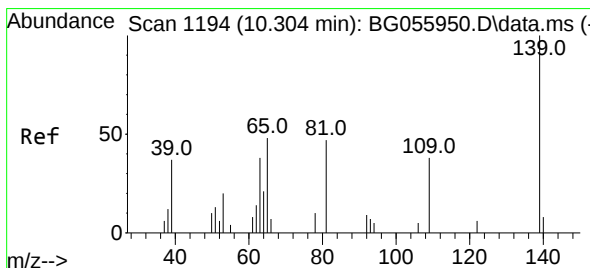
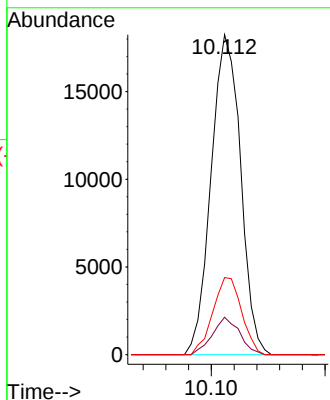
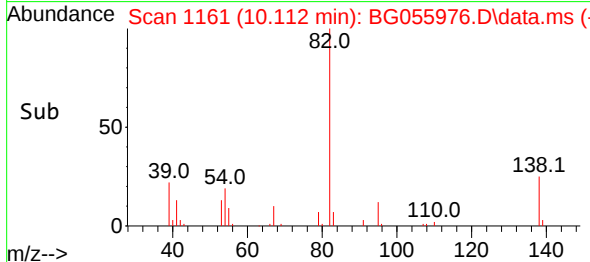
Instrument :
BNA_G
ClientSampleId :
PB149554BS



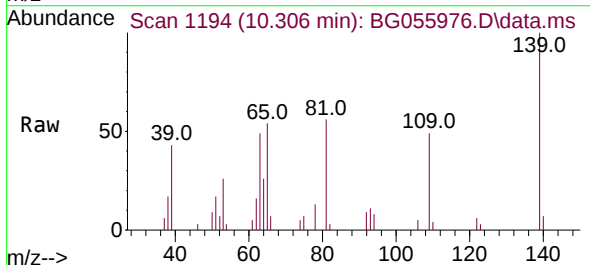
Tgt Ion: 82 Resp: 32823
Ion Ratio Lower Upper
82 100
95 11.7 9.4 14.0
138 24.1 17.7 26.5

Manual Integrations
APPROVED

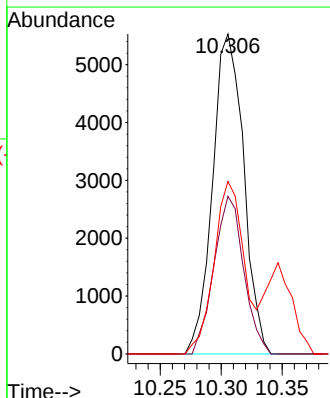
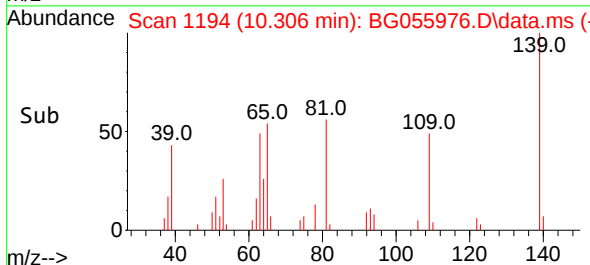
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022

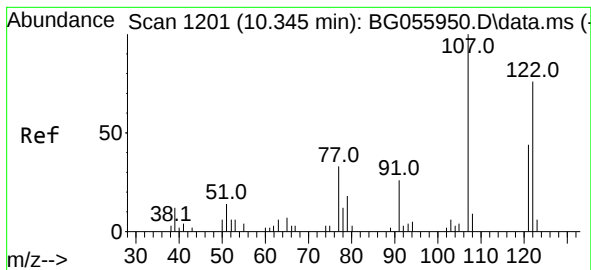


#26
2-Nitrophenol
Concen: 41.611 ng
RT: 10.306 min Scan# 1194
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18



Tgt Ion:139 Resp: 9799
Ion Ratio Lower Upper
139 100
109 49.2 30.7 46.1#
65 53.9 38.8 58.2





#27
2,4-Dimethylphenol
Concen: 48.145 ng m
RT: 10.347 min Scan# 1201
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

Instrument :

BNA_G

ClientSampleId :

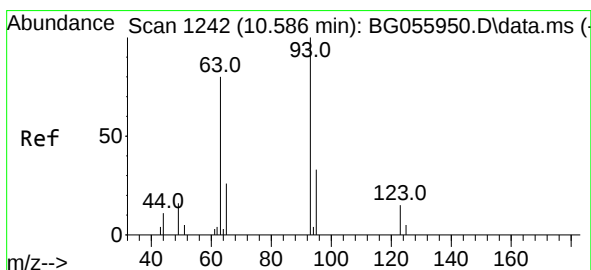
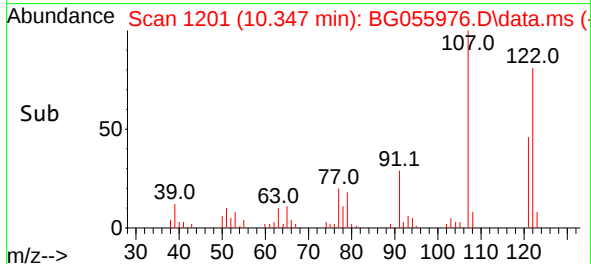
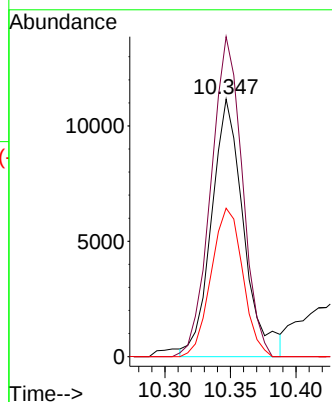
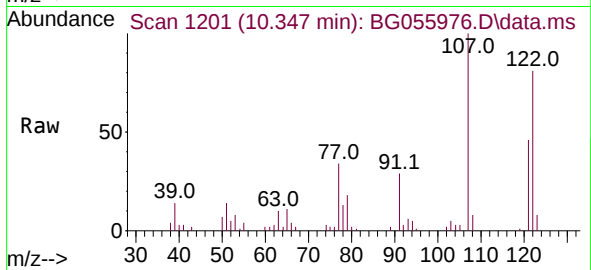
PB149554BS

Tgt Ion:122 Resp: 1904
Ion Ratio Lower Upper
122 100
107 124.2 105.9 158.9
121 57.6 46.1 69.1

Manual Integrations

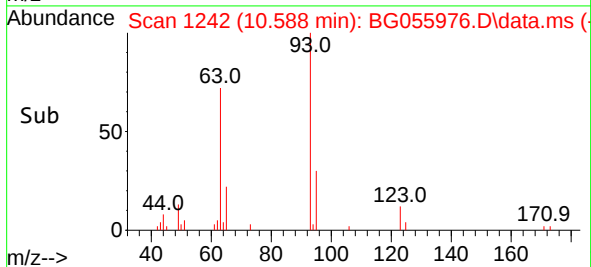
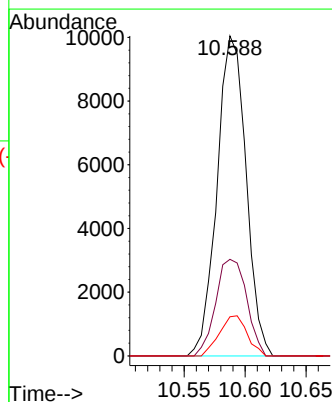
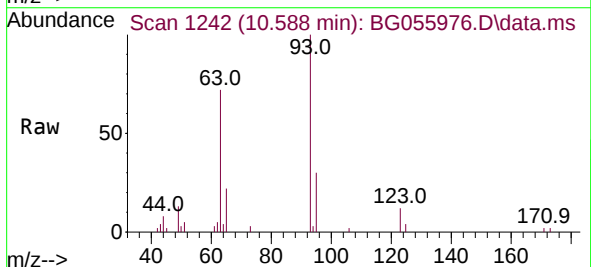
APPROVED

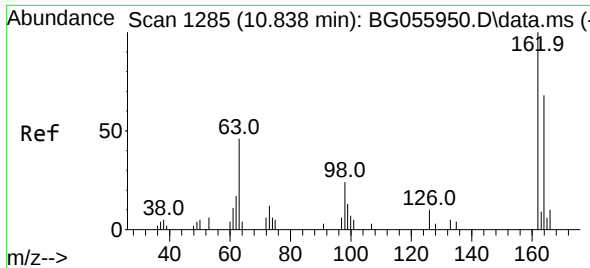
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022



#28
bis(2-Chloroethoxy)methane
Concen: 45.397 ng
RT: 10.588 min Scan# 1242
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

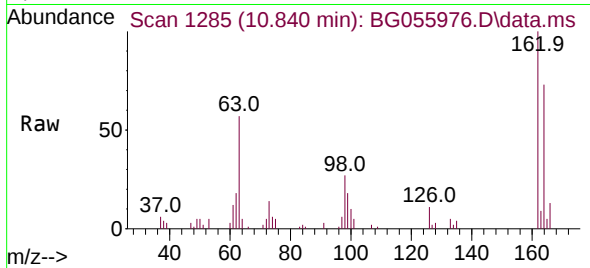
Tgt Ion: 93 Resp: 16627
Ion Ratio Lower Upper
93 100
95 30.2 26.3 39.5
123 12.3 12.2 18.2





#29
2,4-Dichlorophenol
Concen: 41.764 ng
RT: 10.840 min Scan# 1285
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

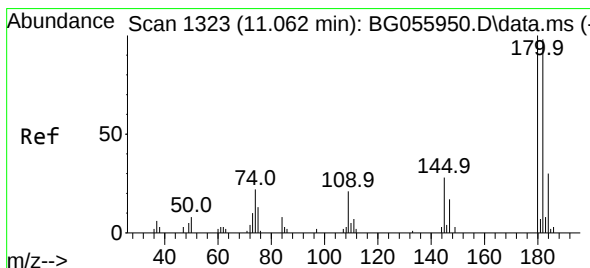
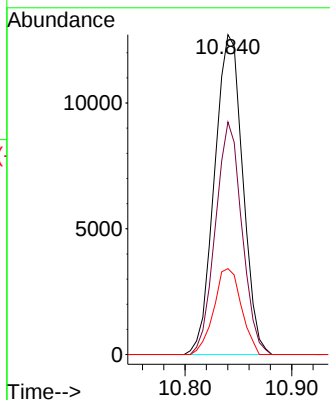
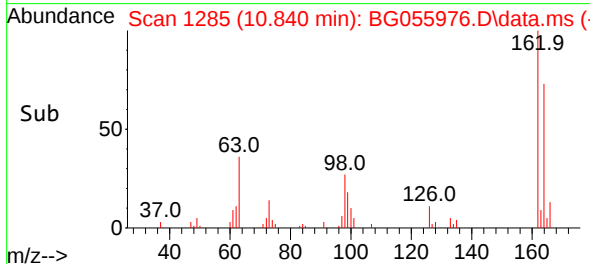
Instrument :
BNA_G
ClientSampleId :
PB149554BS



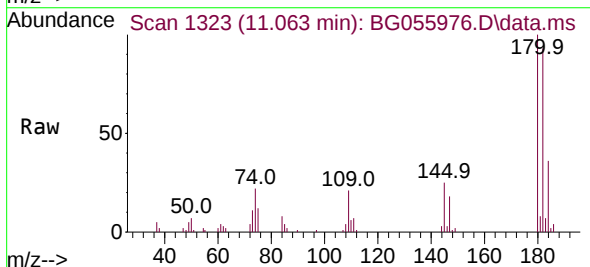
Tgt Ion:162 Resp: 2344
Ion Ratio Lower Upper
162 100
164 72.7 47.5 87.5
98 26.9 4.3 44.3

Manual Integrations
APPROVED

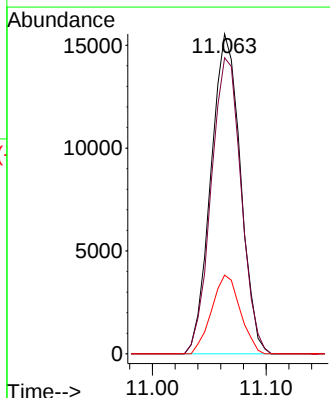
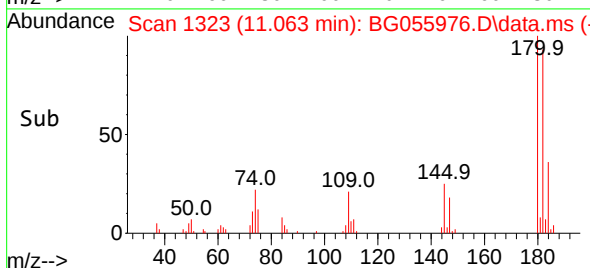
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022

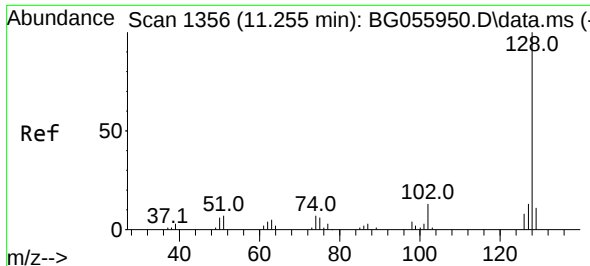


#30
1,2,4-Trichlorobenzene
Concen: 38.421 ng
RT: 11.063 min Scan# 1323
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18



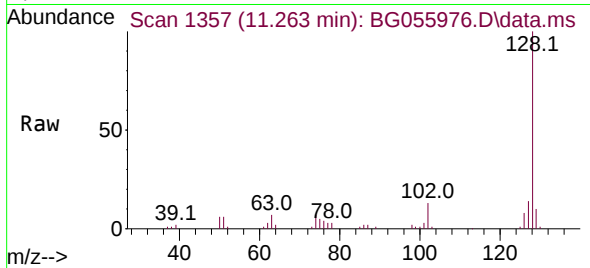
Tgt Ion:180 Resp: 28036
Ion Ratio Lower Upper
180 100
182 92.5 78.1 117.1
145 24.6 22.4 33.6





#31
Naphthalene
Concen: 37.799 ng
RT: 11.263 min Scan# 1357
Delta R.T. 0.008 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

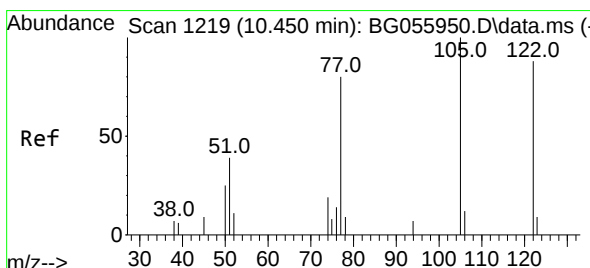
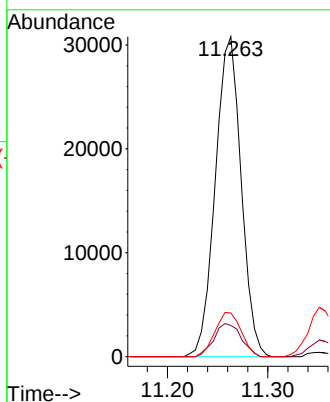
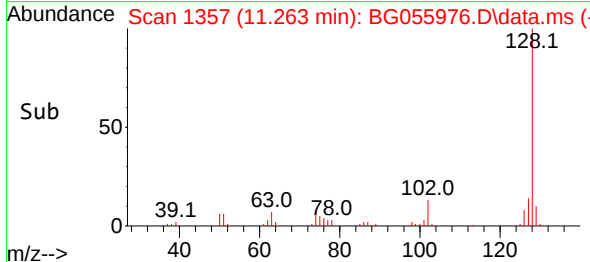
Instrument :
BNA_G
ClientSampleId :
PB149554BS



Tgt Ion:128 Resp: 55083
Ion Ratio Lower Upper
128 100
129 9.7 8.7 13.1
127 13.6 10.3 15.5

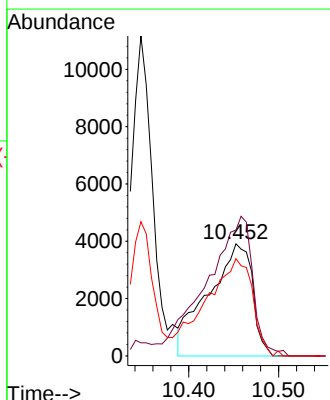
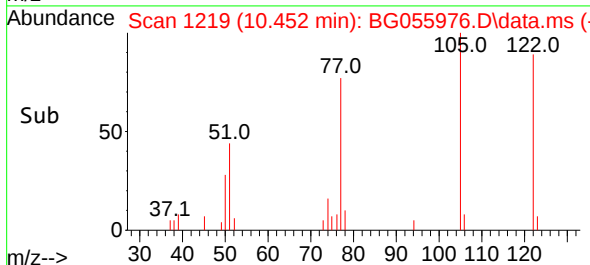
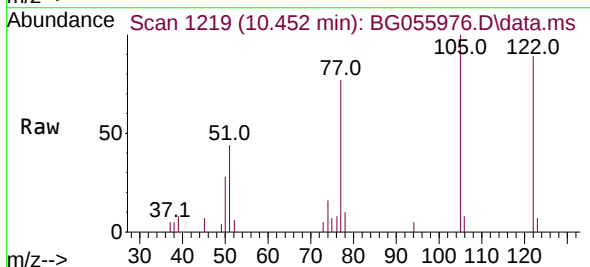
Manual Integrations
APPROVED

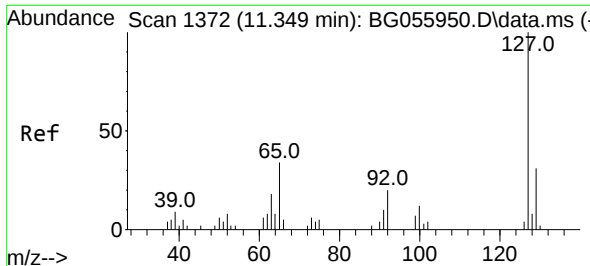
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022



#32
Benzoic acid
Concen: 40.464 ng
RT: 10.452 min Scan# 1219
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

Tgt Ion:122 Resp: 13387
Ion Ratio Lower Upper
122 100
105 112.2 90.6 130.6
77 86.7 61.0 101.0





#33
4-Chloroaniline
Concen: 13.424 ng
RT: 11.351 min Scan# 1372
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

Instrument :

BNA_G

ClientSampleId :

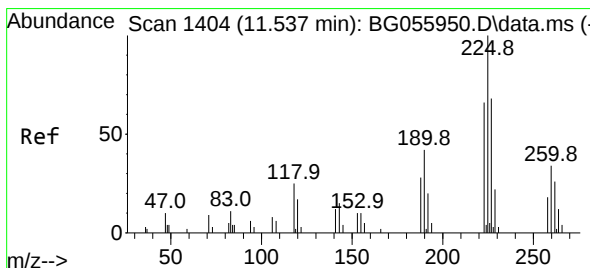
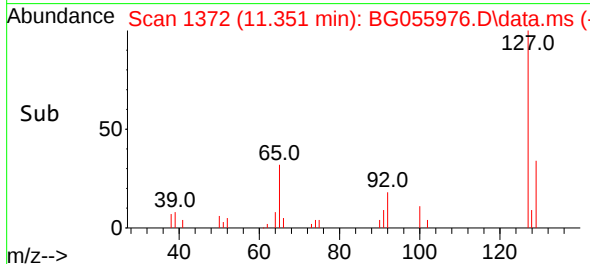
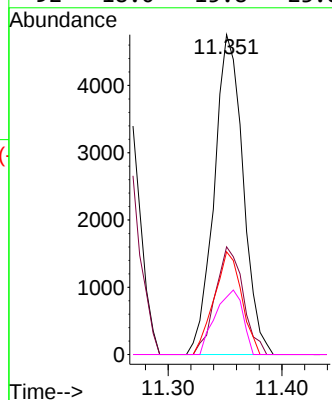
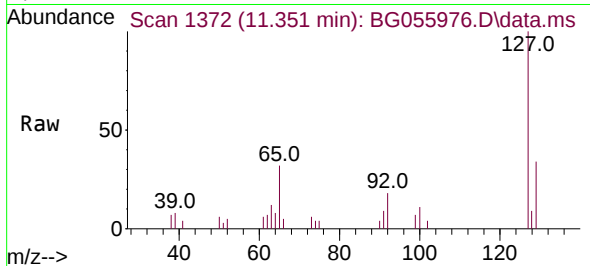
PB149554BS

Tgt Ion:127 Resp: 8386
Ion Ratio Lower Upper
127 100
129 33.7 24.5 36.7
65 32.1 27.1 40.7
92 18.0 15.8 23.8

Manual Integrations

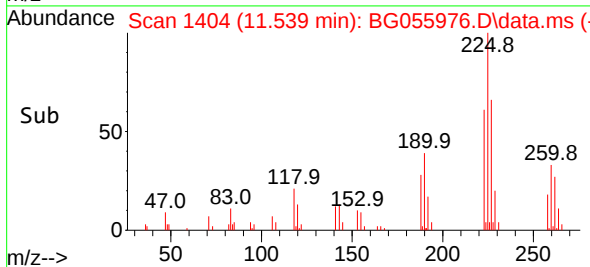
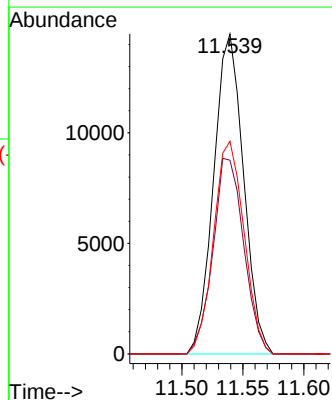
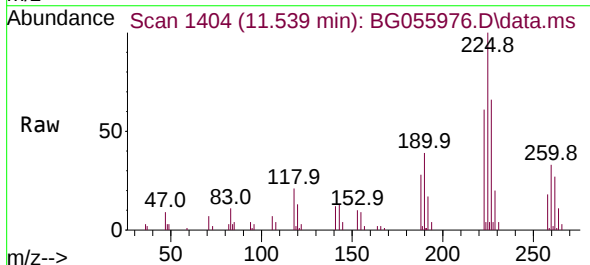
APPROVED

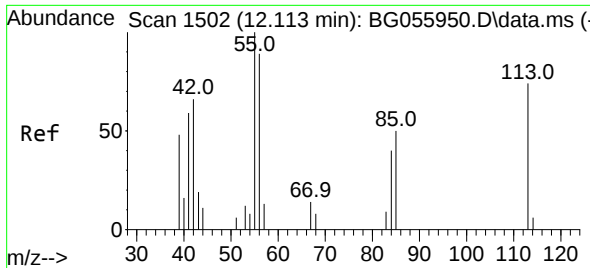
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022



#34
Hexachlorobutadiene
Concen: 35.858 ng
RT: 11.539 min Scan# 1404
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

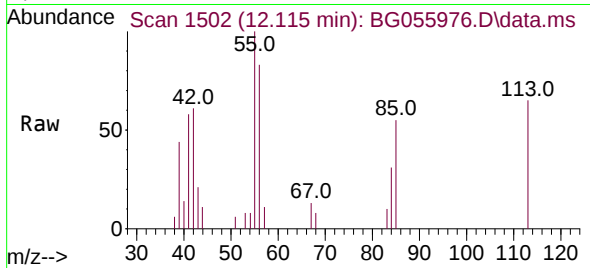
Tgt Ion:225 Resp: 24599
Ion Ratio Lower Upper
225 100
223 60.5 53.2 79.8
227 69.9 54.7 82.1





#35
 Caprolactam
 Concen: 39.981 ng m
 RT: 12.115 min Scan# 11
 Delta R.T. 0.002 min
 Lab File: BG055976.D
 Acq: 15 Dec 2022 14:18

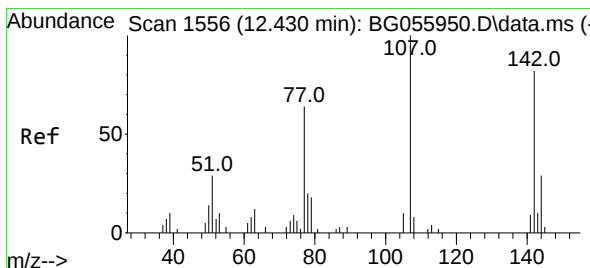
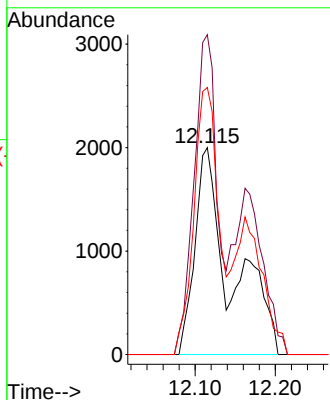
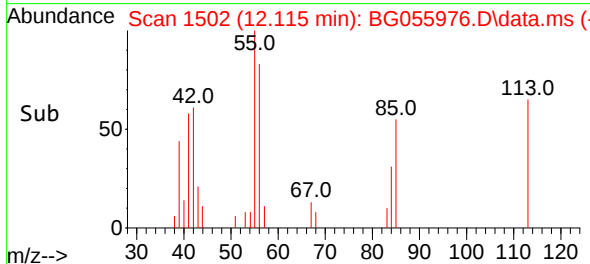
Instrument :
 BNA_G
 ClientSampleId :
 PB149554BS



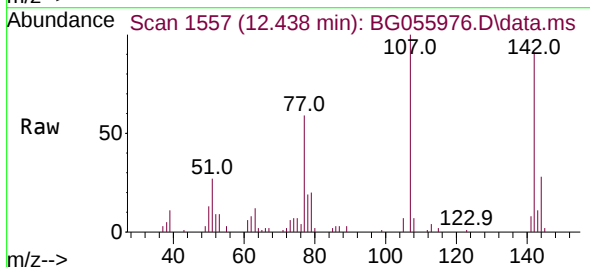
Tgt Ion:113 Resp: 625
 Ion Ratio Lower Upper
 113 100
 55 154.7 114.8 154.8
 56 129.1 99.8 139.8

Manual Integrations
 APPROVED

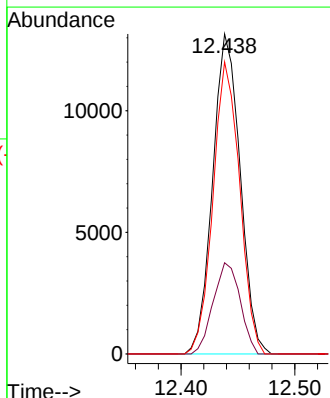
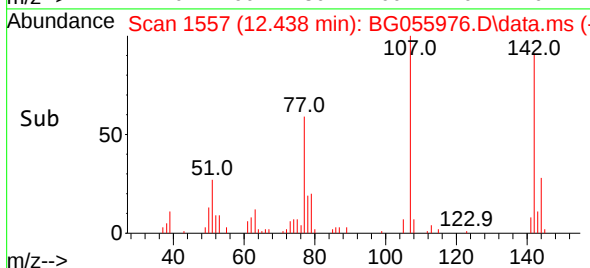
Reviewed By :Jagrut Upadhyay 12/16/2022
 Supervised By :mohammad ahmed 12/17/2022

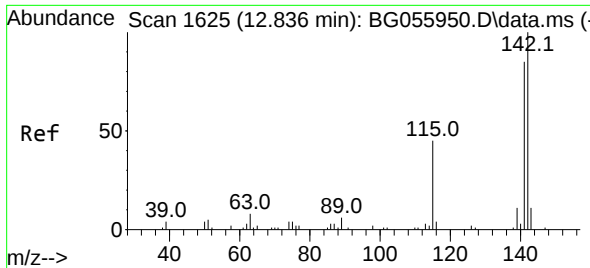


#36
 4-Chloro-3-methylphenol
 Concen: 41.975 ng
 RT: 12.438 min Scan# 1557
 Delta R.T. 0.008 min
 Lab File: BG055976.D
 Acq: 15 Dec 2022 14:18



Tgt Ion:107 Resp: 22094
 Ion Ratio Lower Upper
 107 100
 144 28.5 23.3 34.9
 142 91.2 65.6 98.4





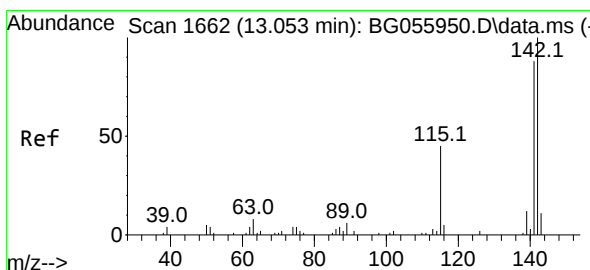
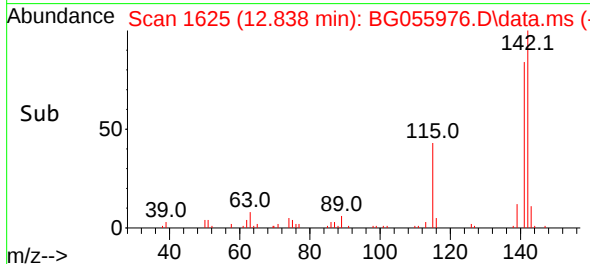
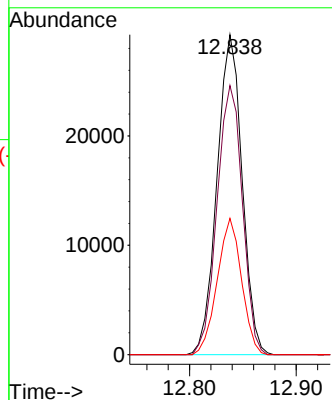
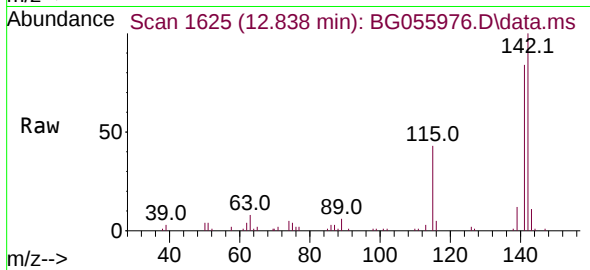
#37
2-Methylnaphthalene
Concen: 37.174 ng
RT: 12.838 min Scan# 1625
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

Instrument :
BNA_G
ClientSampleId :
PB149554BS

Tgt Ion:142 Resp: 47860
Ion Ratio Lower Upper
142 100
141 84.1 67.8 101.6
115 42.6 35.7 53.5

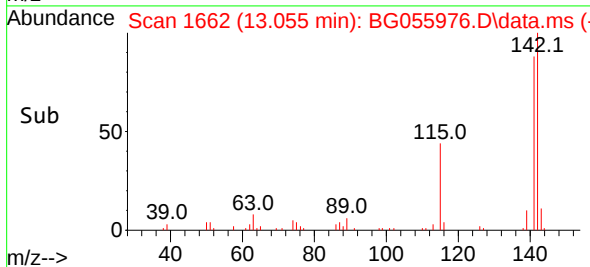
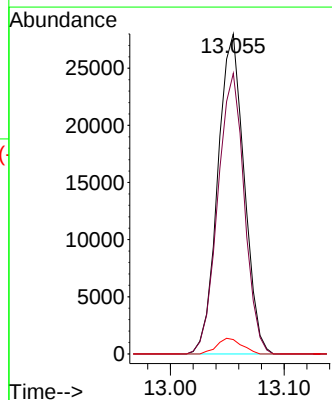
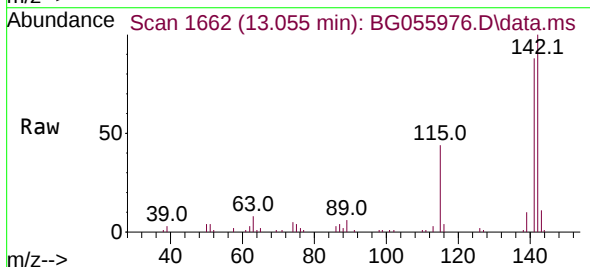
Manual Integrations
APPROVED

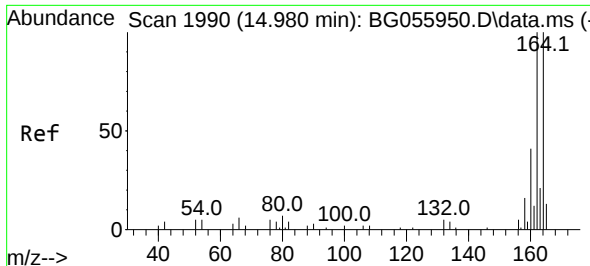
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022



#38
1-Methylnaphthalene
Concen: 35.903 ng
RT: 13.055 min Scan# 1662
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

Tgt Ion:142 Resp: 45031
Ion Ratio Lower Upper
142 100
141 87.7 70.2 105.2
116 4.5 3.8 5.8





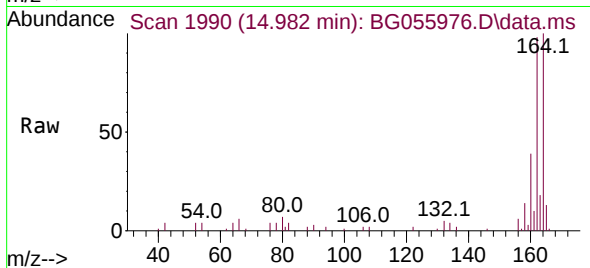
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.982 min Scan# 1990
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

Instrument :

BNA_G

ClientSampleId :

PB149554BS

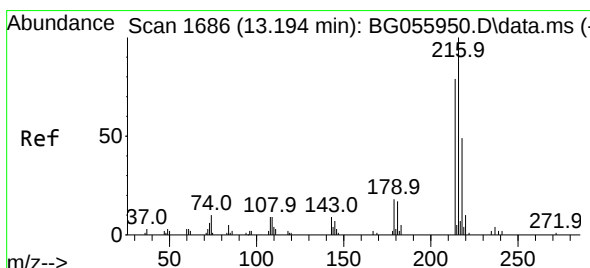
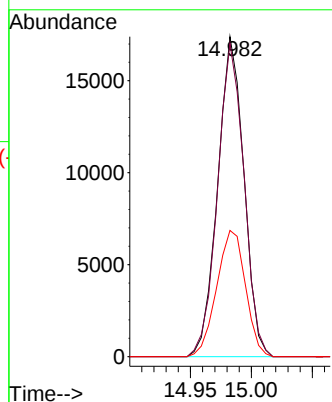
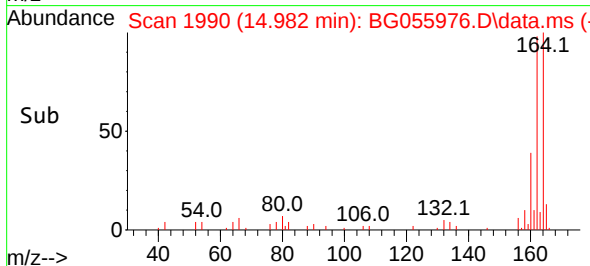


Tgt Ion:164 Resp: 25950
Ion Ratio Lower Upper
164 100
162 97.8 79.8 119.8
160 39.4 33.0 49.4

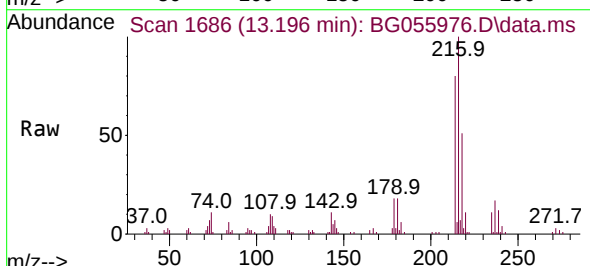
Manual Integrations

APPROVED

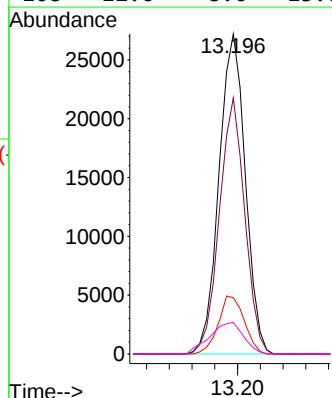
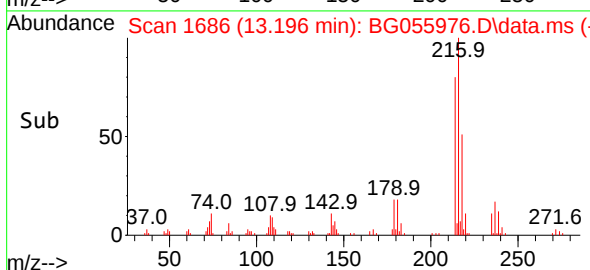
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022

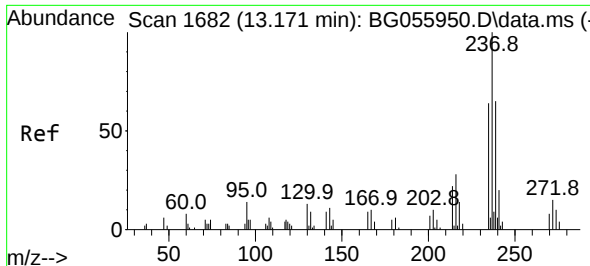


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.861 ng
RT: 13.196 min Scan# 1686
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18



Tgt Ion:216 Resp: 43643
Ion Ratio Lower Upper
216 100
214 77.2 61.5 92.3
179 17.8 14.6 21.8
108 12.6 8.6 13.0





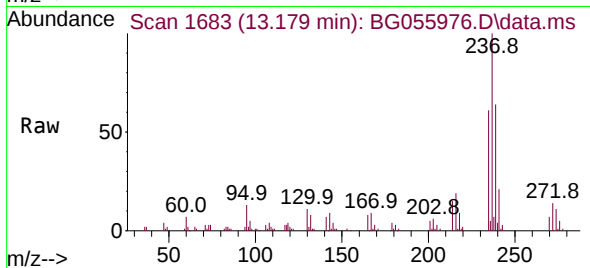
#41
Hexachlorocyclopentadiene
Concen: 103.503 ng
RT: 13.179 min Scan# 1682
Delta R.T. 0.008 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

Instrument :

BNA_G

ClientSampleId :

PB149554BS

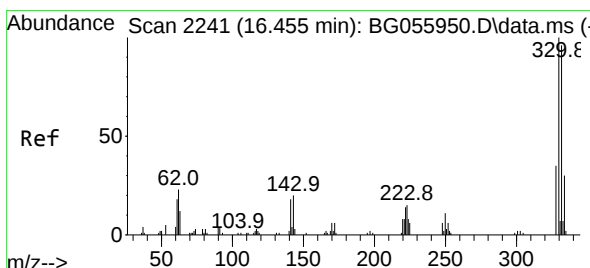
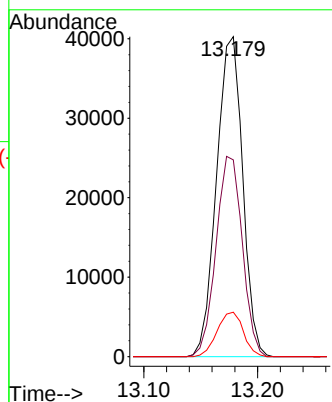


Tgt Ion:237 Resp: 64289
Ion Ratio Lower Upper
237 100
235 61.5 43.7 83.7
272 13.9 0.0 35.1

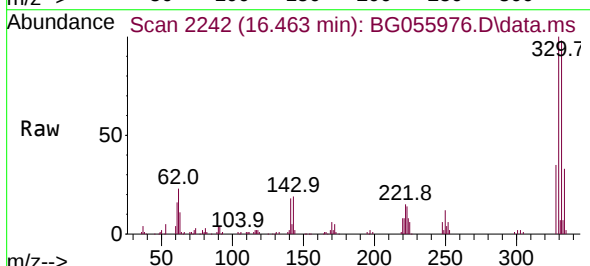
Manual Integrations

APPROVED

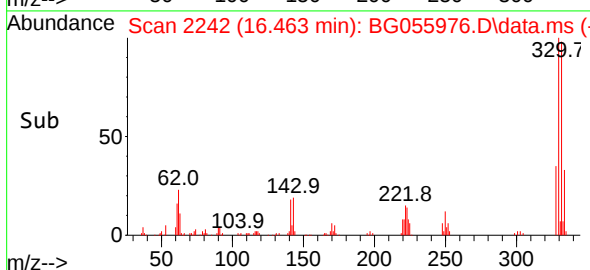
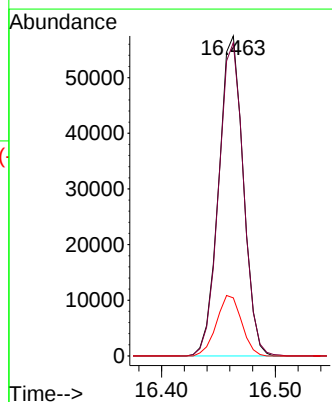
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022

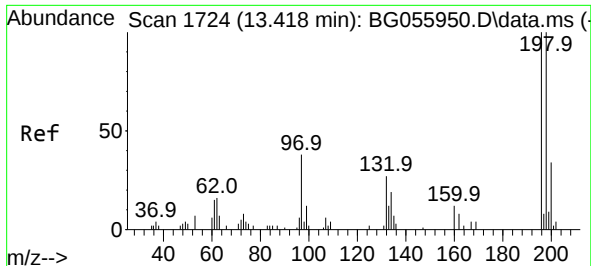


#42
2,4,6-Tribromophenol
Concen: 137.707 ng
RT: 16.463 min Scan# 2242
Delta R.T. 0.008 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18



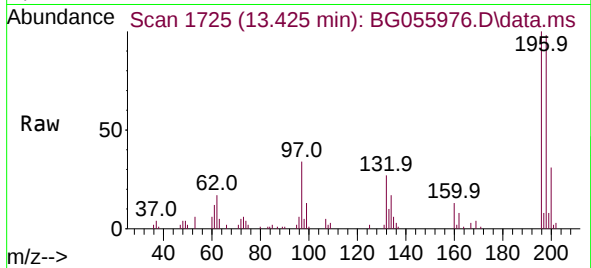
Tgt Ion:330 Resp: 86168
Ion Ratio Lower Upper
330 100
332 98.6 76.6 114.8
141 19.3 15.0 22.4





#43
 2,4,6-Trichlorophenol
 Concen: 41.937 ng
 RT: 13.425 min Scan# 1724
 Delta R.T. 0.007 min
 Lab File: BG055976.D
 Acq: 15 Dec 2022 14:18

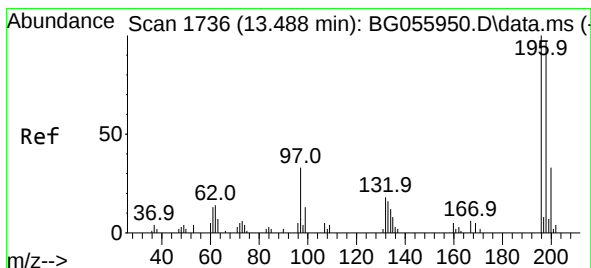
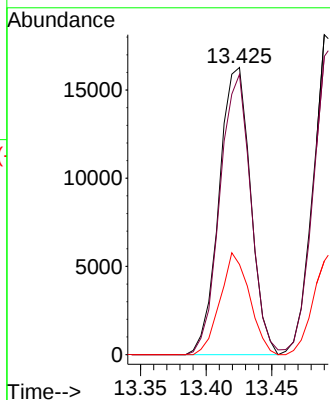
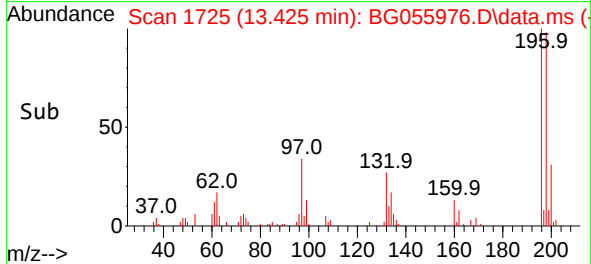
Instrument :
 BNA_G
 ClientSampleId :
 PB149554BS



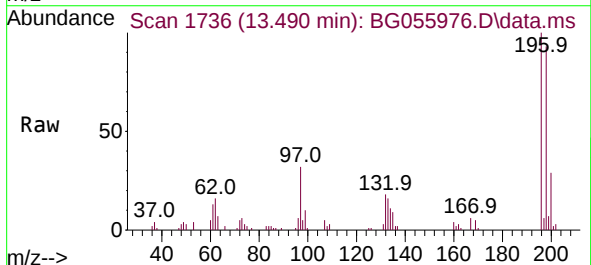
Tgt Ion:196 Resp: 27180
 Ion Ratio Lower Upper
 196 100
 198 97.6 80.2 120.4
 200 31.4 27.6 41.4

Manual Integrations
 APPROVED

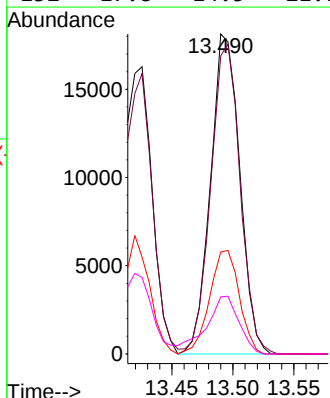
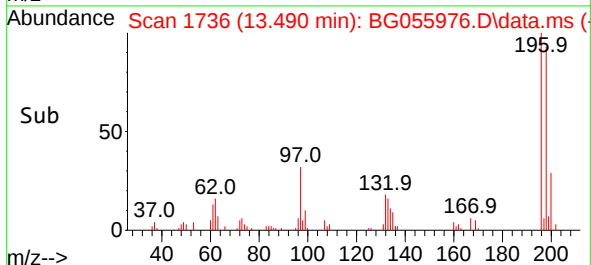
Reviewed By :Jagrut Upadhyay 12/16/2022
 Supervised By :mohammad ahmed 12/17/2022

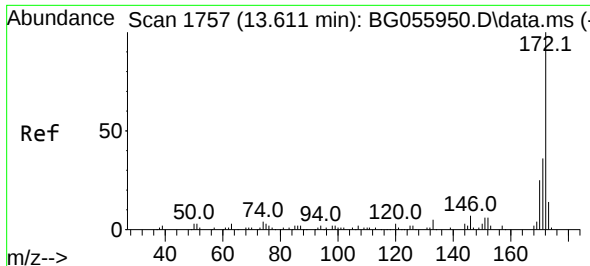


#44
 2,4,5-Trichlorophenol
 Concen: 41.454 ng
 RT: 13.490 min Scan# 1736
 Delta R.T. 0.002 min
 Lab File: BG055976.D
 Acq: 15 Dec 2022 14:18



Tgt Ion:196 Resp: 30286
 Ion Ratio Lower Upper
 196 100
 198 93.2 78.0 117.0
 97 31.8 26.0 39.0
 132 17.8 14.5 21.7





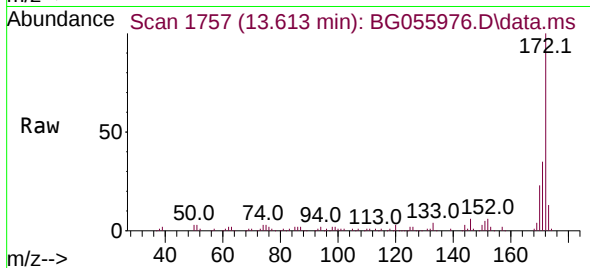
#45
2-Fluorobiphenyl
Concen: 77.238 ng
RT: 13.613 min Scan# 1757
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

Instrument :

BNA_G

ClientSampleId :

PB149554BS

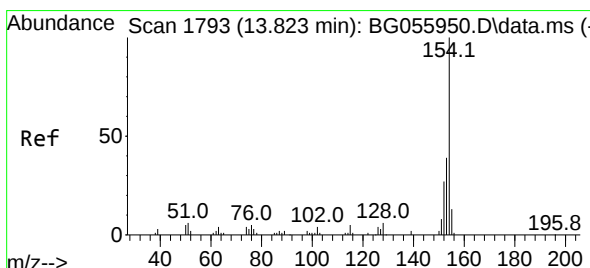
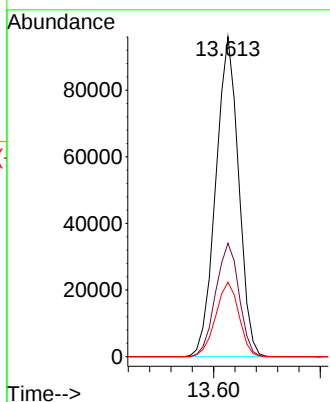
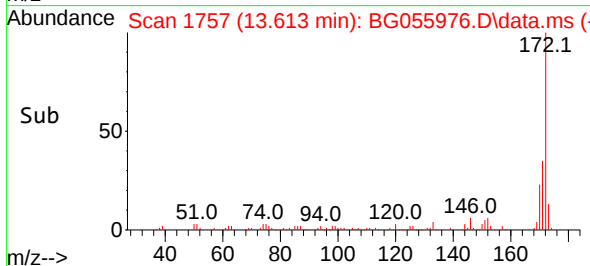


Tgt Ion:172 Resp: 142913
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.3 19.9 29.9

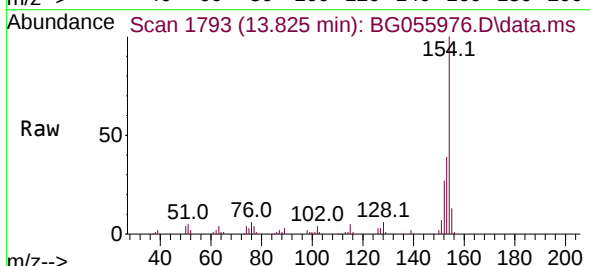
Manual Integrations

APPROVED

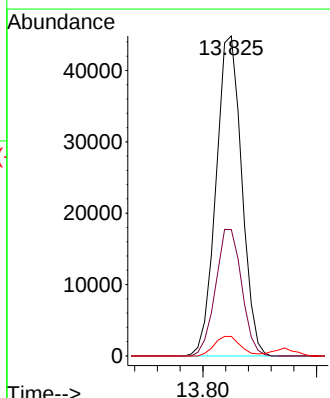
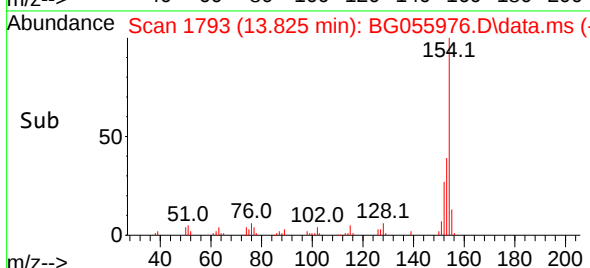
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022

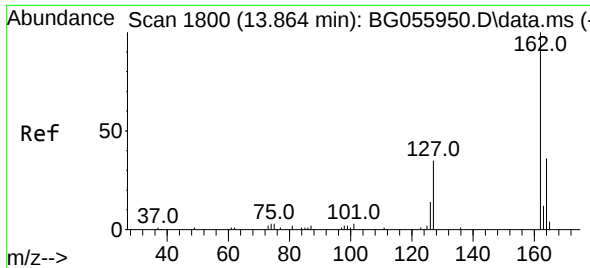


#46
1,1'-Biphenyl
Concen: 40.002 ng
RT: 13.825 min Scan# 1793
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18



Tgt Ion:154 Resp: 70362
Ion Ratio Lower Upper
154 100
153 39.5 19.5 59.5
76 6.1 0.0 25.5





#47
2-Chloronaphthalene
Concen: 38.874 ng
RT: 13.872 min Scan# 1800
Delta R.T. 0.008 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

Instrument :

BNA_G

ClientSampleId :

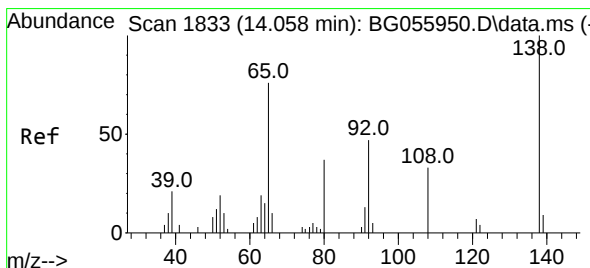
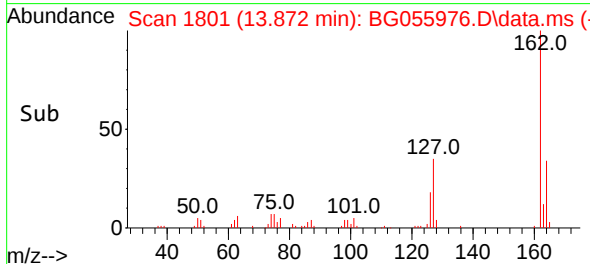
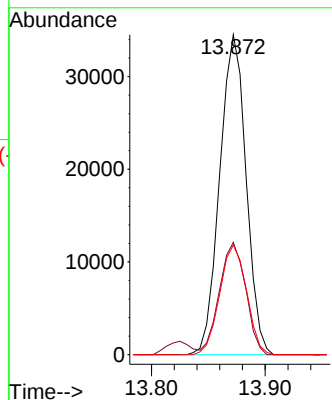
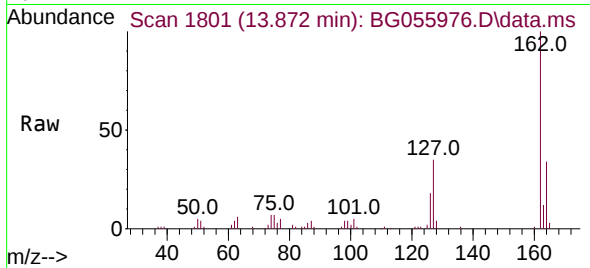
PB149554BS

Tgt Ion:162 Resp: 55560
Ion Ratio Lower Upper
162 100
127 35.1 31.0 46.4
164 34.3 28.6 42.8

Manual Integrations

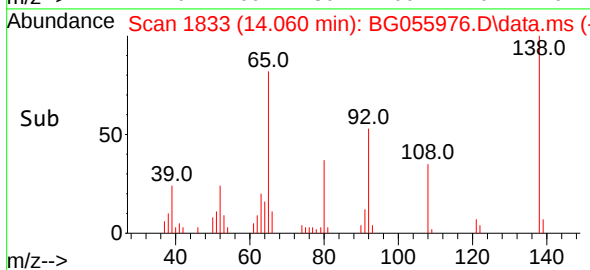
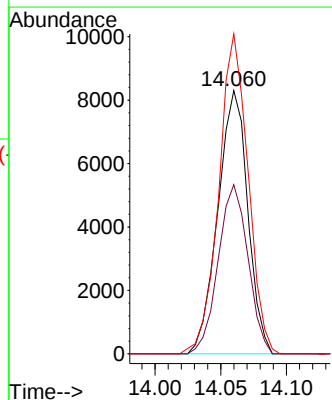
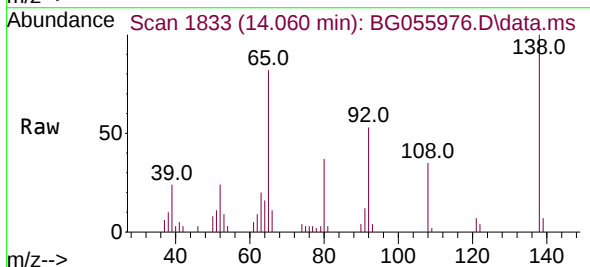
APPROVED

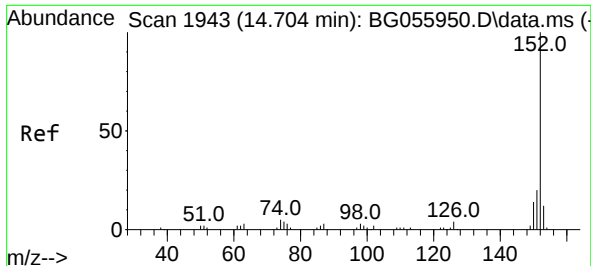
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022



#48
2-Nitroaniline
Concen: 46.715 ng
RT: 14.060 min Scan# 1833
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

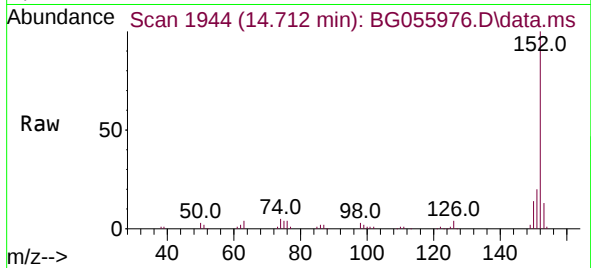
Tgt Ion: 65 Resp: 13139
Ion Ratio Lower Upper
65 100
92 64.3 49.7 74.5
138 121.6 105.0 157.6





#49
Acenaphthylene
Concen: 38.541 ng
RT: 14.712 min Scan# 1944
Delta R.T. 0.008 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

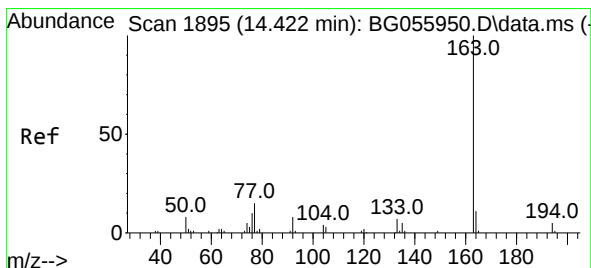
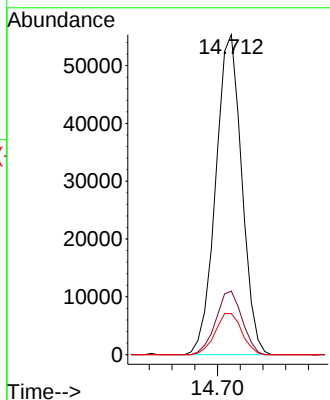
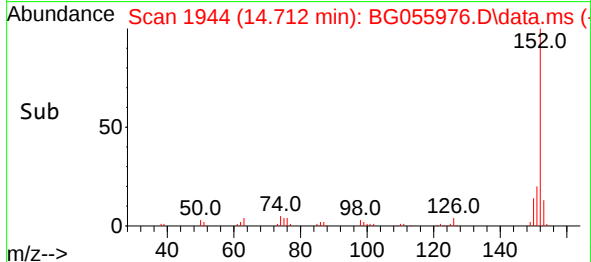
Instrument :
BNA_G
ClientSampleId :
PB149554BS



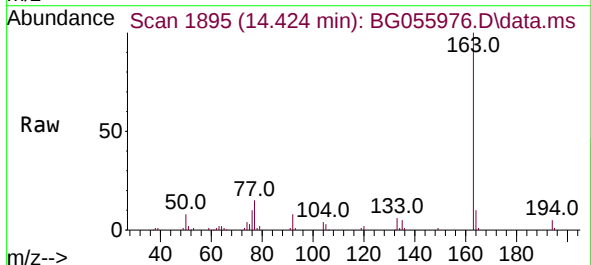
Tgt Ion:152 Resp: 87924
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 12.8 10.0 15.0

Manual Integrations
APPROVED

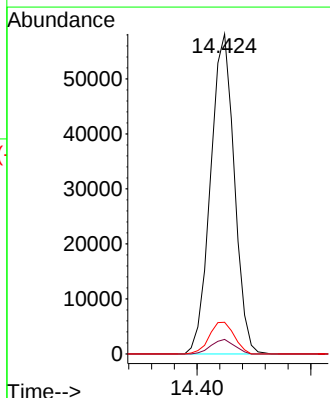
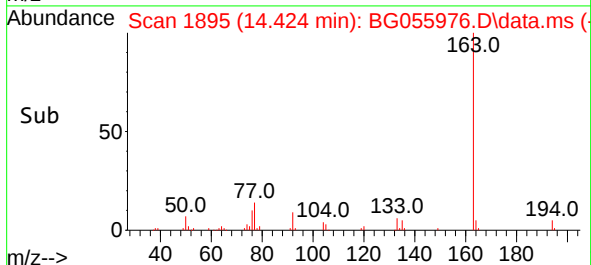
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022

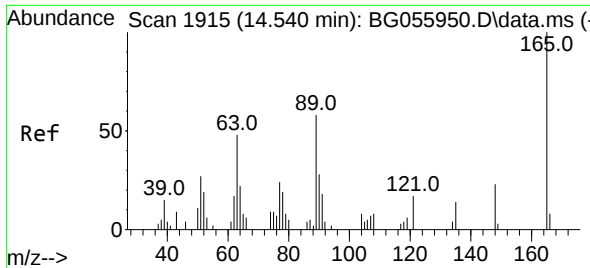


#50
Dimethylphthalate
Concen: 37.593 ng
RT: 14.424 min Scan# 1895
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18



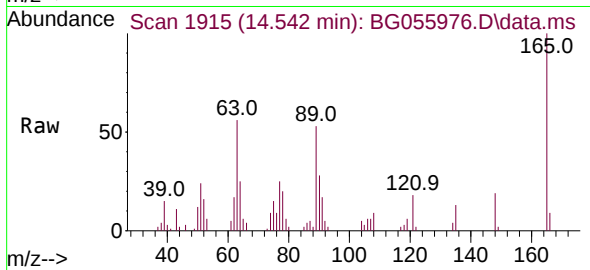
Tgt Ion:163 Resp: 84341
Ion Ratio Lower Upper
163 100
194 4.5 3.8 5.6
164 9.9 8.6 13.0





#51
2,6-Dinitrotoluene
Concen: 49.686 ng
RT: 14.542 min Scan# 1915
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

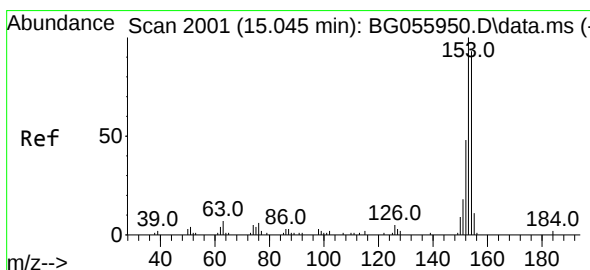
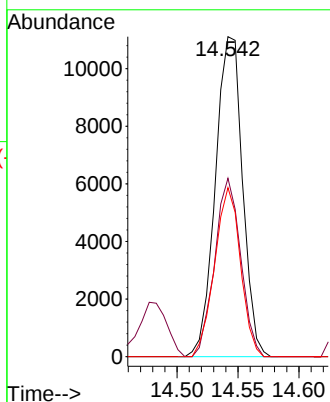
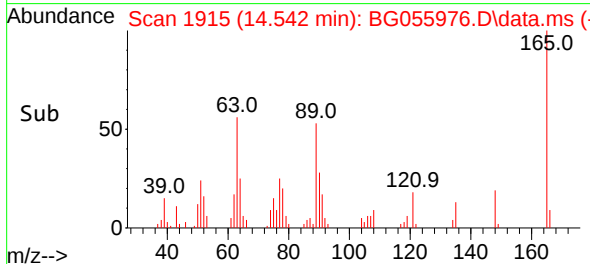
Instrument :
BNA_G
ClientSampleId :
PB149554BS



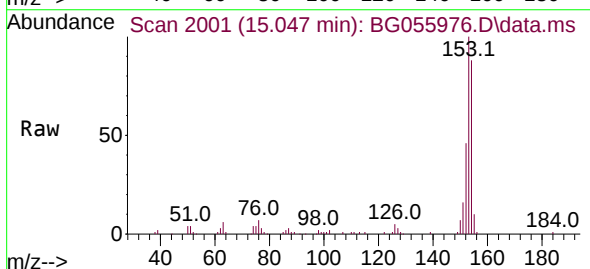
Tgt Ion:165 Resp: 17250
Ion Ratio Lower Upper
165 100
63 55.7 38.3 57.5
89 52.8 46.3 69.5

Manual Integrations
APPROVED

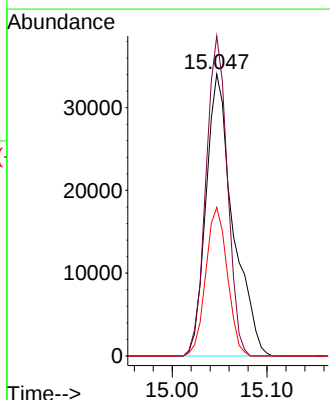
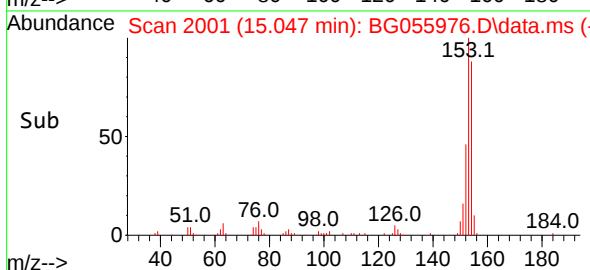
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022

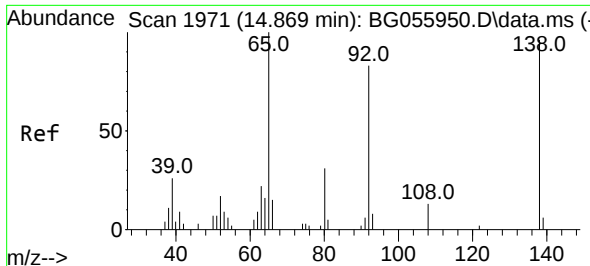


#52
Acenaphthene
Concen: 43.967 ng
RT: 15.047 min Scan# 2001
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18



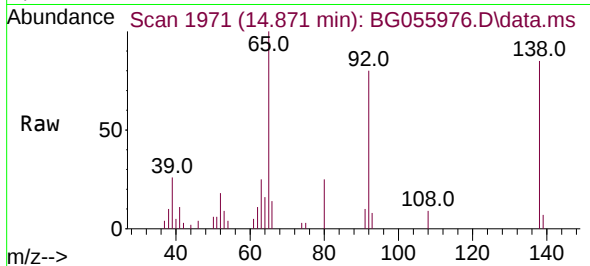
Tgt Ion:154 Resp: 67337
Ion Ratio Lower Upper
154 100
153 113.6 86.2 129.2
152 52.7 41.4 62.0





#53
3-Nitroaniline
Concen: 25.061 ng
RT: 14.871 min Scan# 1971
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

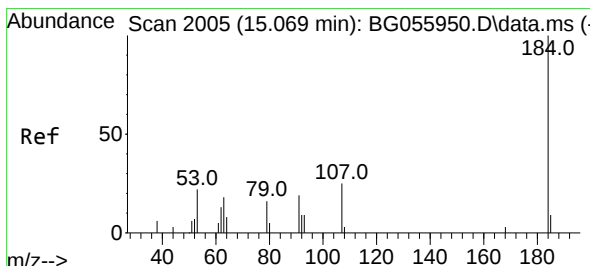
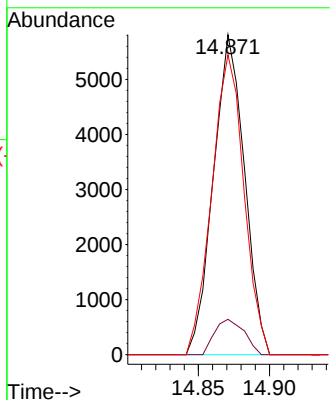
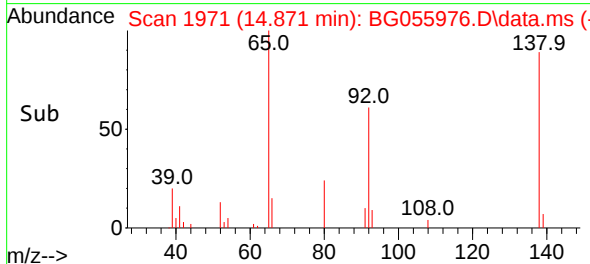
Instrument :
BNA_G
ClientSampleId :
PB149554BS



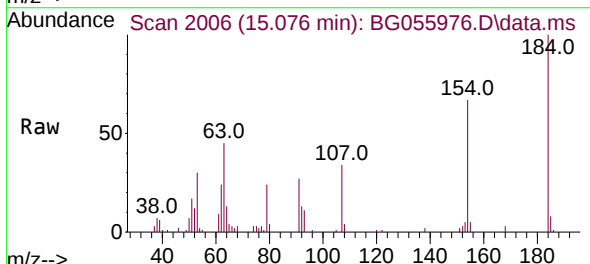
Tgt Ion:138 Resp: 8850
Ion Ratio Lower Upper
138 100
108 11.0 10.9 16.3
92 93.7 69.4 104.0

Manual Integrations
APPROVED

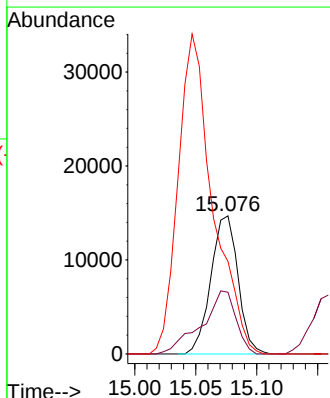
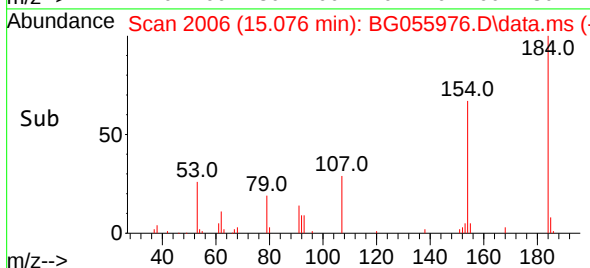
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022

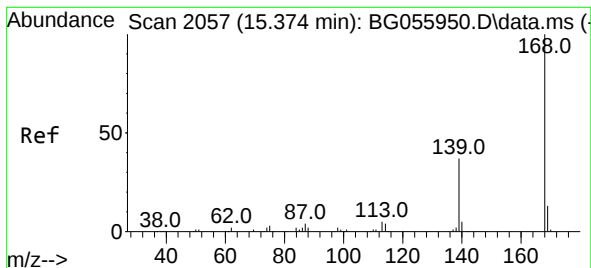


#54
2,4-Dinitrophenol
Concen: 87.977 ng
RT: 15.076 min Scan# 2006
Delta R.T. 0.007 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18



Tgt Ion:184 Resp: 22707
Ion Ratio Lower Upper
184 100
63 44.7 23.0 34.4#
154 67.1 67.0 100.4





#55

Dibenzofuran

Concen: 38.614 ng

RT: 15.376 min Scan# 20

Delta R.T. 0.002 min

Lab File: BG055976.D

Acq: 15 Dec 2022 14:18

Instrument :

BNA_G

ClientSampleId :

PB149554BS

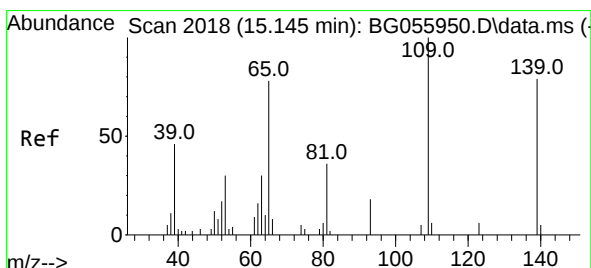
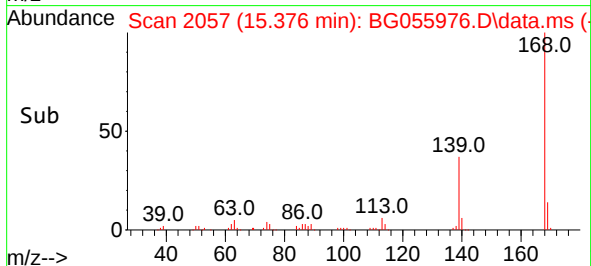
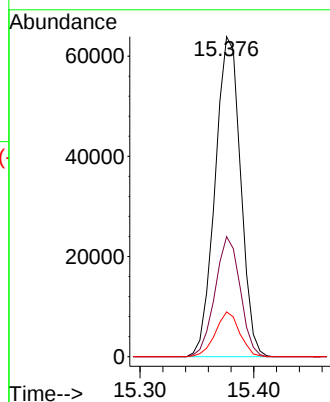
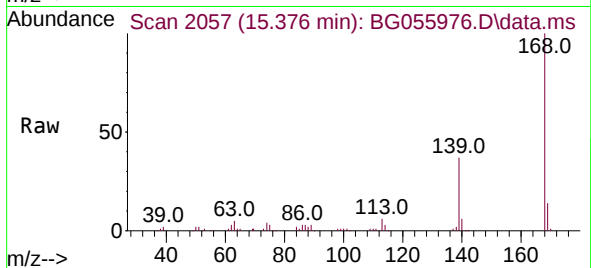
Tgt Ion:168 Resp: 99448

Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.8	44.8
169	14.0	10.6	16.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022



#56

4-Nitrophenol

Concen: 92.859 ng

RT: 15.159 min Scan# 2020

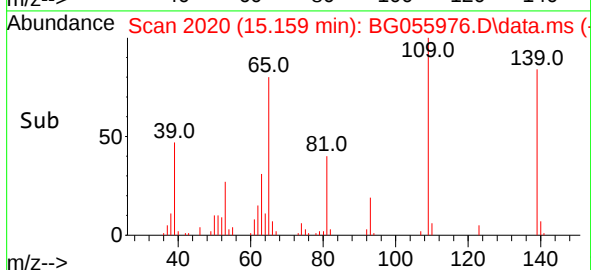
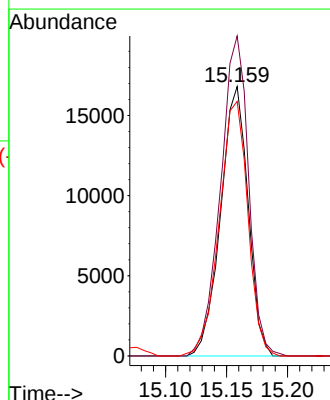
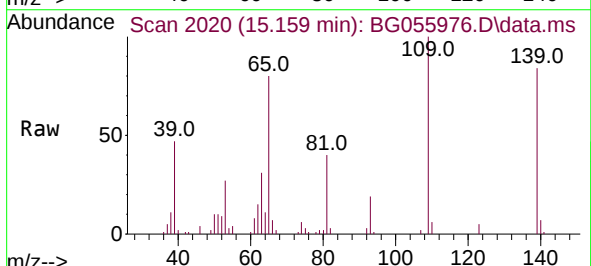
Delta R.T. 0.014 min

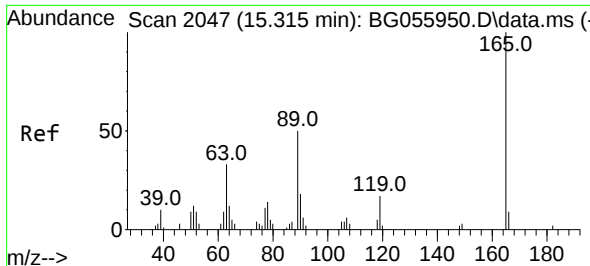
Lab File: BG055976.D

Acq: 15 Dec 2022 14:18

Tgt Ion:139 Resp: 26278

Ion	Ratio	Lower	Upper
139	100		
109	118.8	106.7	146.7
65	94.5	79.2	119.2





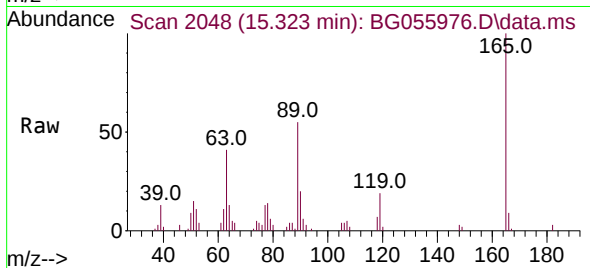
#57
2,4-Dinitrotoluene
Concen: 46.910 ng
RT: 15.323 min Scan# 2047
Delta R.T. 0.008 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

Instrument :

BNA_G

ClientSampleId :

PB149554BS

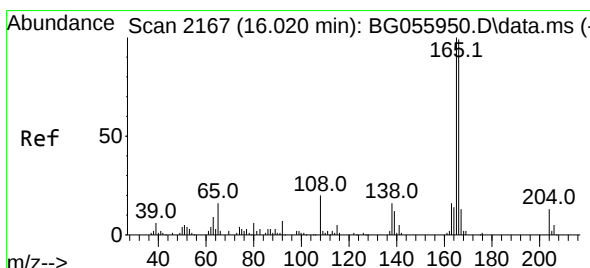
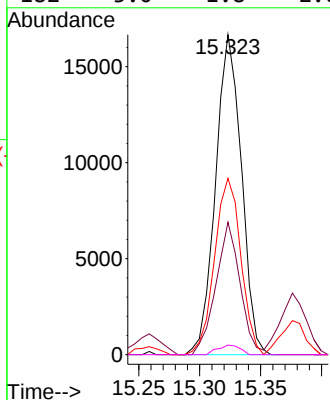
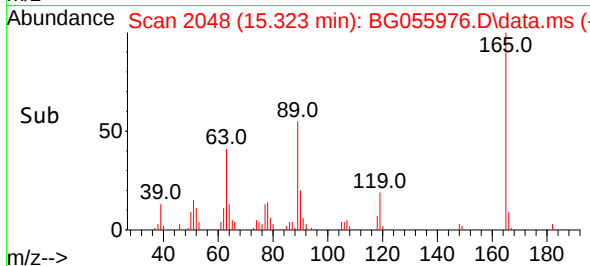


Tgt Ion:165 Resp: 24584
Ion Ratio Lower Upper
165 100
63 41.4 26.6 39.8
89 55.1 40.1 60.1
182 3.0 1.8 2.6#

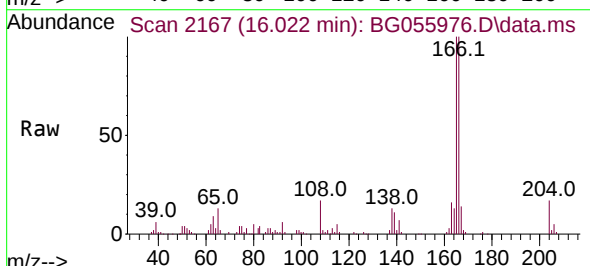
Manual Integrations

APPROVED

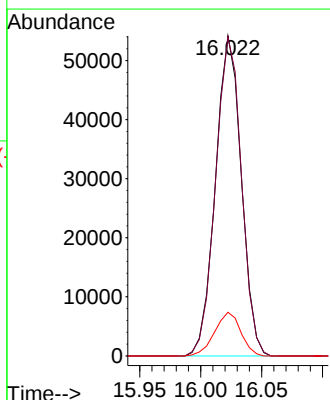
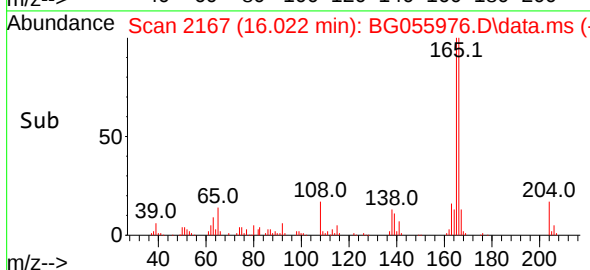
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022

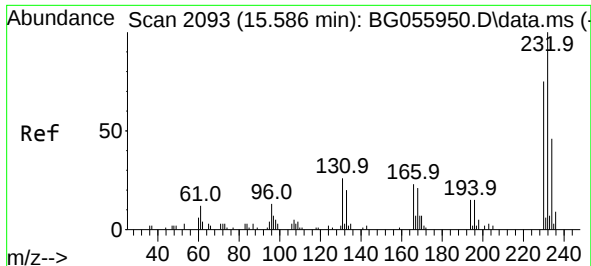


#58
Fluorene
Concen: 37.873 ng
RT: 16.022 min Scan# 2167
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18



Tgt Ion:166 Resp: 79734
Ion Ratio Lower Upper
166 100
165 99.7 81.1 121.7
167 13.6 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.519 ng m
RT: 15.593 min Scan# 2093
Delta R.T. 0.008 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

Instrument :

BNA_G

ClientSampleId :

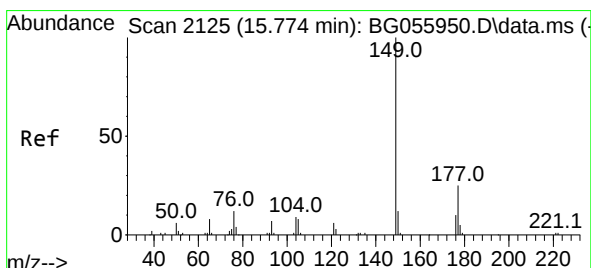
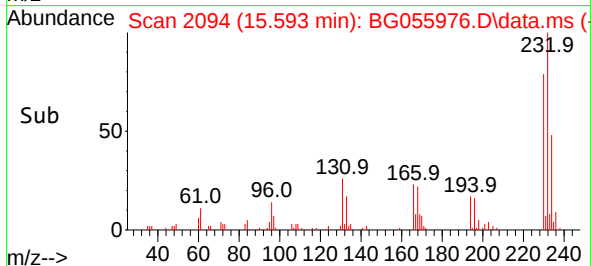
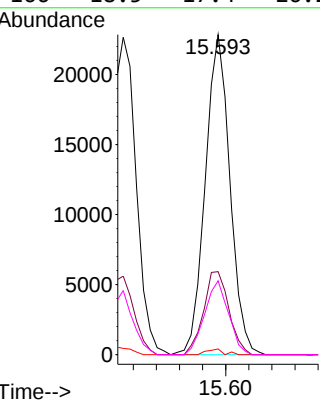
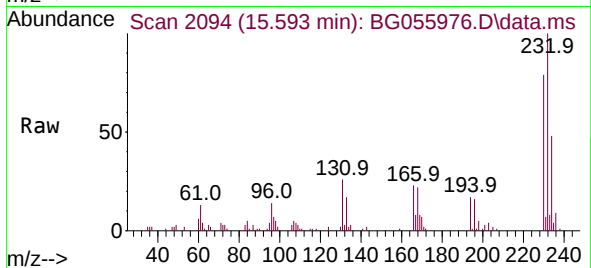
PB149554BS

Tgt Ion:232 Resp: 33819
Ion Ratio Lower Upper
232 100
131 24.9 20.7 31.1
130 1.8 1.2 1.8
166 18.5 17.4 26.2

Manual Integrations

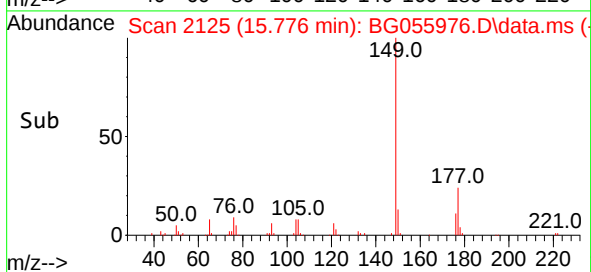
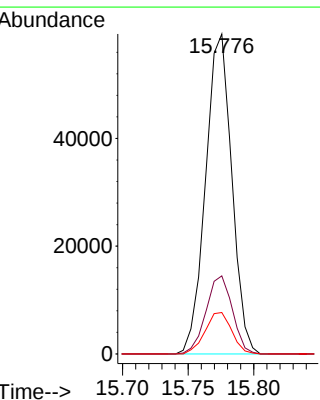
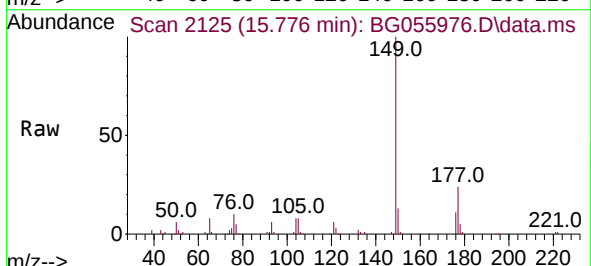
APPROVED

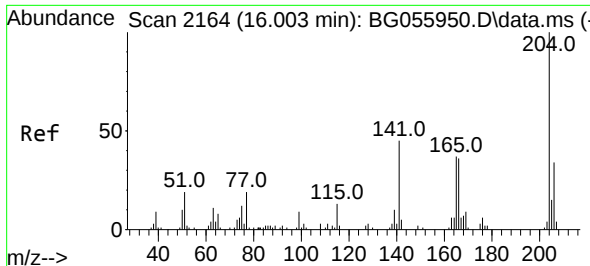
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022



#60
Diethylphthalate
Concen: 37.618 ng
RT: 15.776 min Scan# 2125
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

Tgt Ion:149 Resp: 82491
Ion Ratio Lower Upper
149 100
177 24.4 19.7 29.5
150 12.9 9.5 14.3





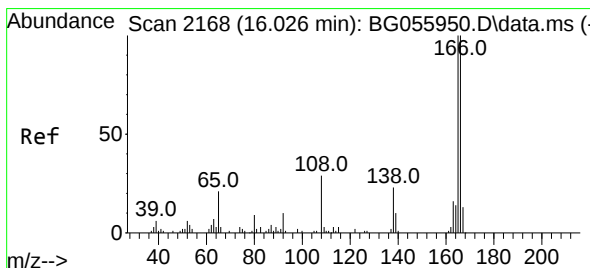
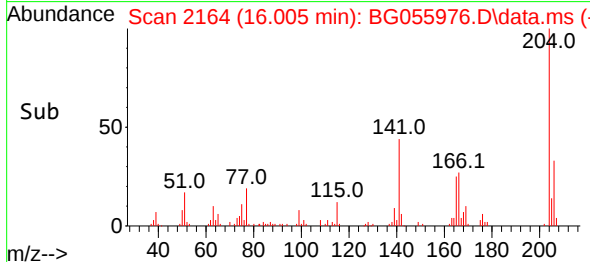
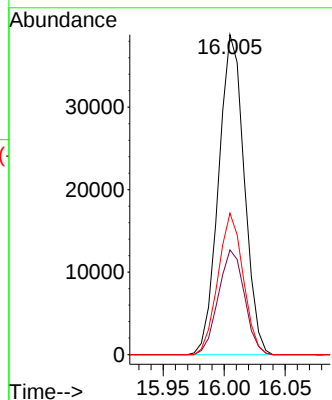
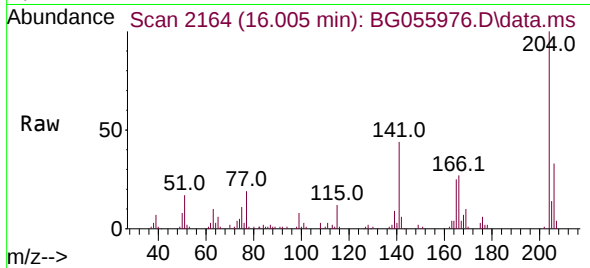
#61
4-Chlorophenyl-phenylether
Concen: 39.563 ng
RT: 16.005 min Scan# 2164
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

Instrument :
BNA_G
ClientSampleId :
PB149554BS

Tgt Ion:204 Resp: 5674
Ion Ratio Lower Upper
204 100
206 32.7 27.0 40.4
141 44.2 36.3 54.5

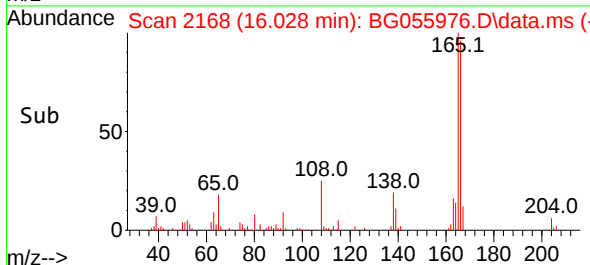
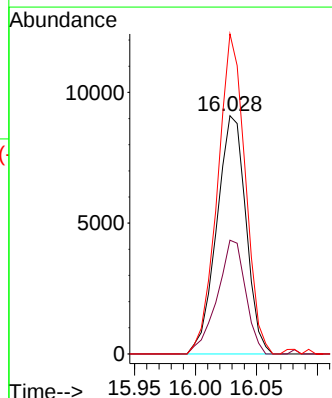
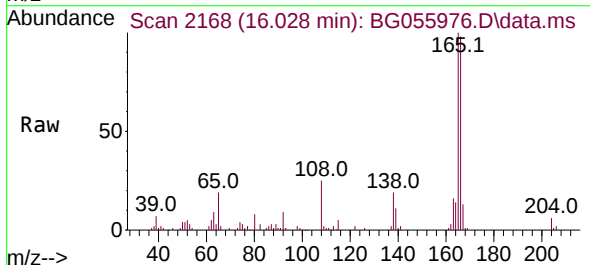
Manual Integrations
APPROVED

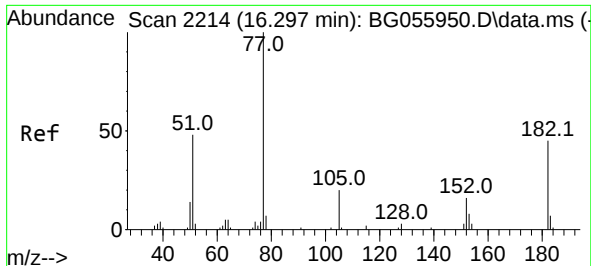
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022



#62
4-Nitroaniline
Concen: 39.407 ng
RT: 16.028 min Scan# 2168
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

Tgt Ion:138 Resp: 15155
Ion Ratio Lower Upper
138 100
92 47.7 24.4 64.4
108 134.3 110.1 150.1





#63
Azobenzene
Concen: 38.479 ng
RT: 16.299 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

Instrument :

BNA_G

ClientSampleId :

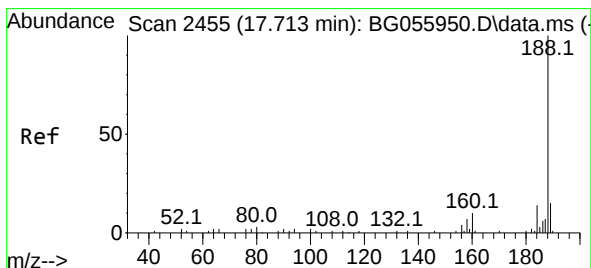
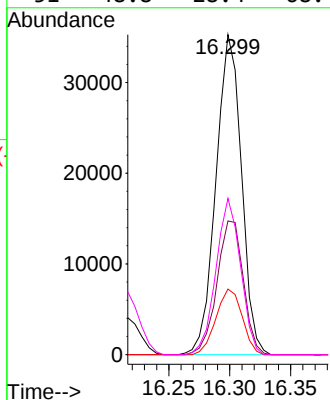
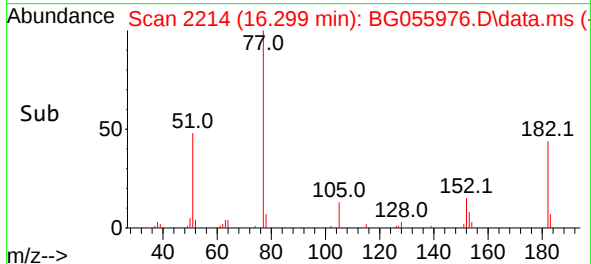
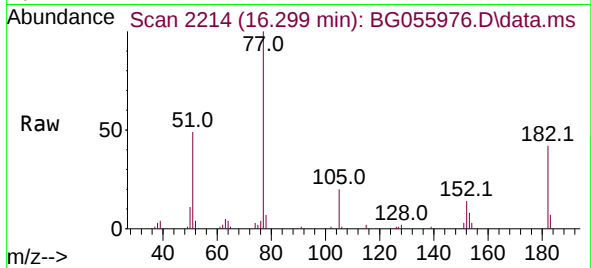
PB149554BS

Tgt Ion: 77 Resp: 5135
Ion Ratio Lower Upper
77 100
182 41.8 24.7 64.7
105 20.5 0.3 40.3
51 48.8 28.4 68.4

Manual Integrations

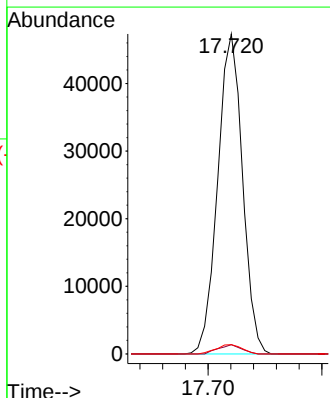
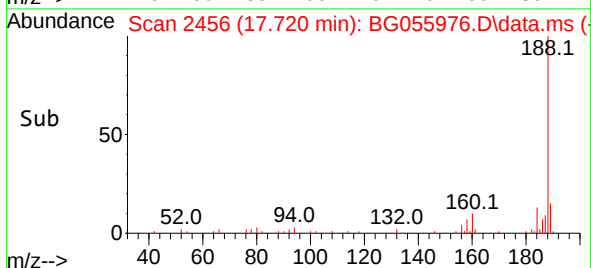
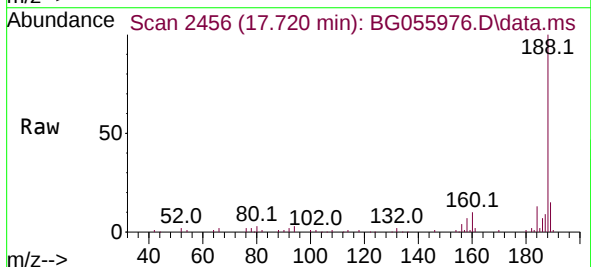
APPROVED

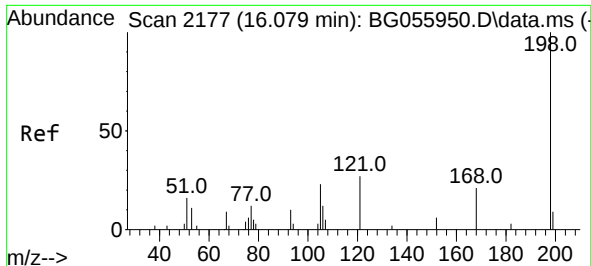
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.720 min Scan# 2456
Delta R.T. 0.008 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

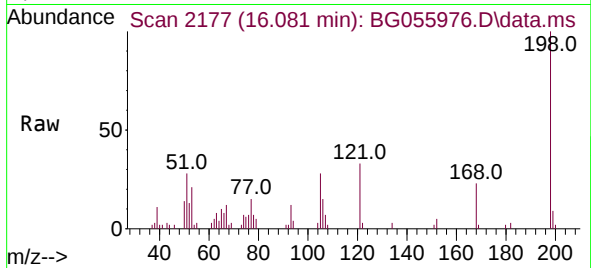
Tgt Ion:188 Resp: 71651
Ion Ratio Lower Upper
188 100
94 2.9 1.8 2.8#
80 2.9 2.4 3.6





#65
4,6-Dinitro-2-methylphenol
Concen: 43.532 ng
RT: 16.081 min Scan# 2177
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

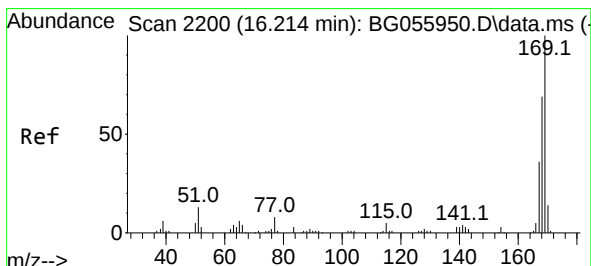
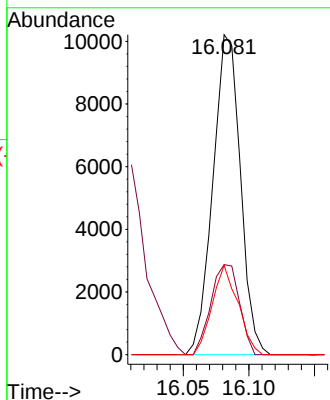
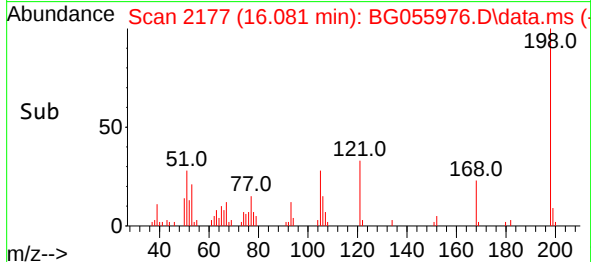
Instrument :
BNA_G
ClientSampleId :
PB149554BS



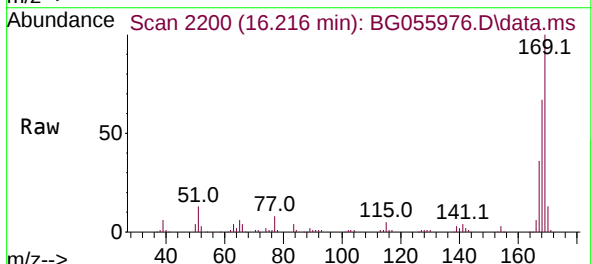
Tgt Ion:198 Resp: 14900
Ion Ratio Lower Upper
198 100
51 28.1 3.0 43.0
105 27.9 3.3 43.3

Manual Integrations
APPROVED

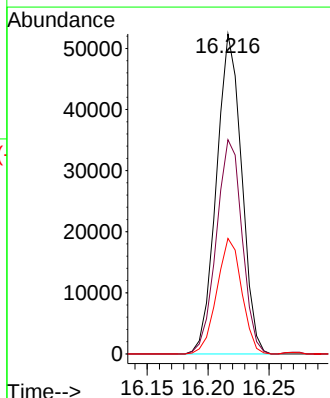
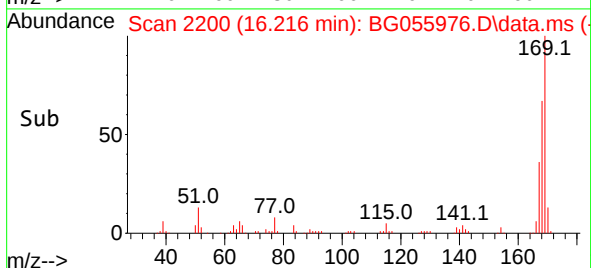
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022

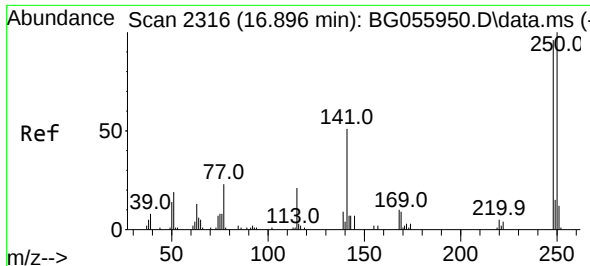


#66
n-Nitrosodiphenylamine
Concen: 40.071 ng
RT: 16.216 min Scan# 2200
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18



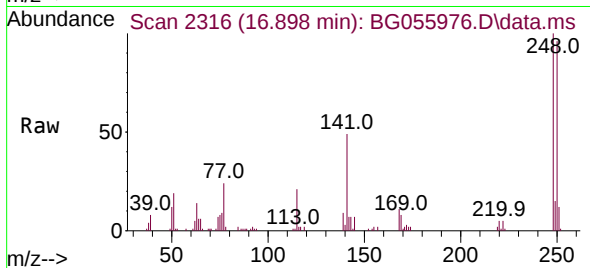
Tgt Ion:169 Resp: 75240
Ion Ratio Lower Upper
169 100
168 66.9 55.3 82.9
167 36.1 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 40.539 ng
RT: 16.898 min Scan# 2316
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

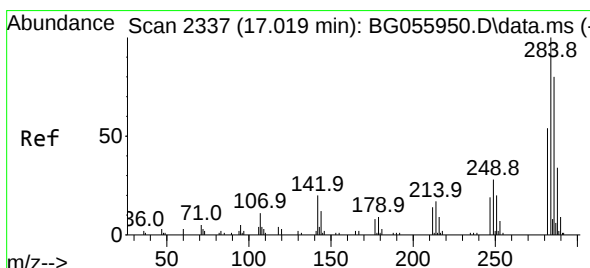
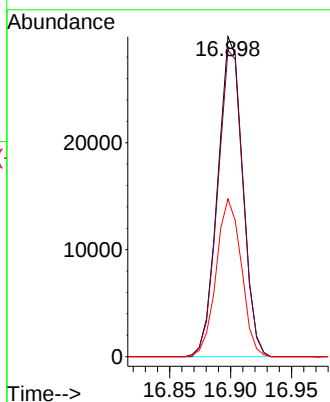
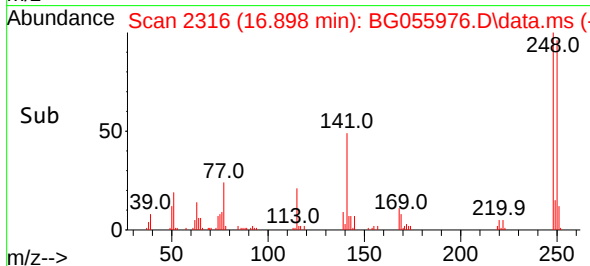
Instrument :
BNA_G
ClientSampleId :
PB149554BS



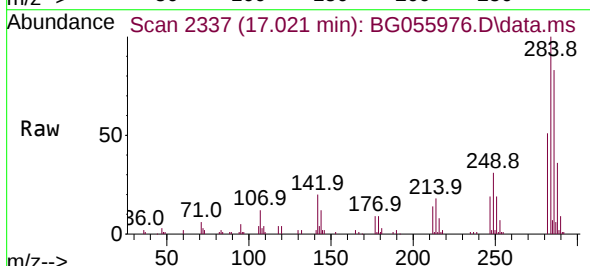
Tgt Ion:248 Resp: 42562
Ion Ratio Lower Upper
248 100
250 95.8 83.0 124.6
141 49.3 42.6 64.0

Manual Integrations
APPROVED

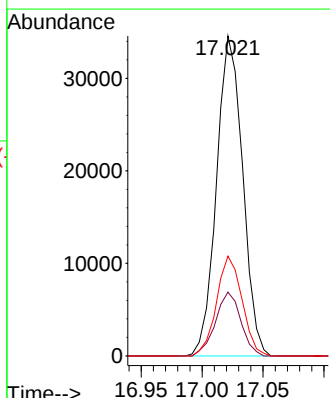
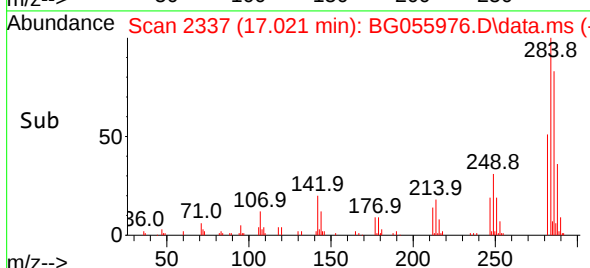
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022

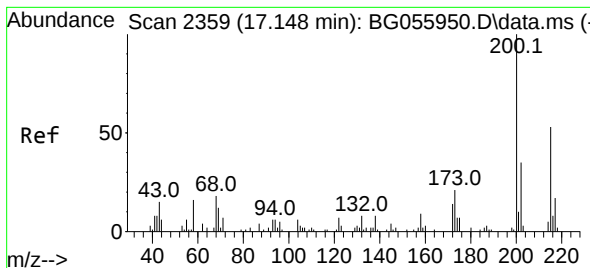


#68
Hexachlorobenzene
Concen: 39.834 ng
RT: 17.021 min Scan# 2337
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18



Tgt Ion:284 Resp: 51514
Ion Ratio Lower Upper
284 100
142 19.9 16.2 24.2
249 31.2 22.8 34.2





#69

Atrazine

Concen: 25.109 ng

RT: 17.150 min Scan# 2359

Delta R.T. 0.002 min

Lab File: BG055976.D

Acq: 15 Dec 2022 14:18

Instrument :

BNA_G

ClientSampleId :

PB149554BS

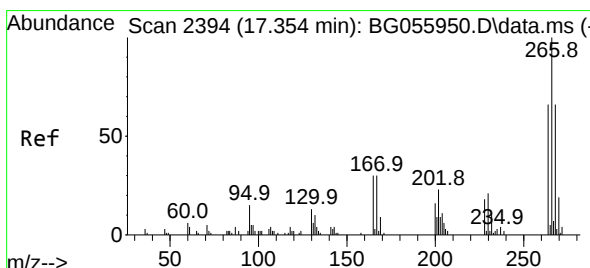
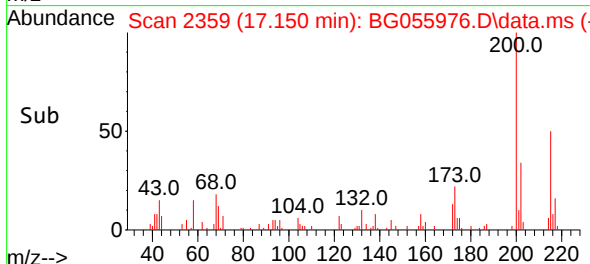
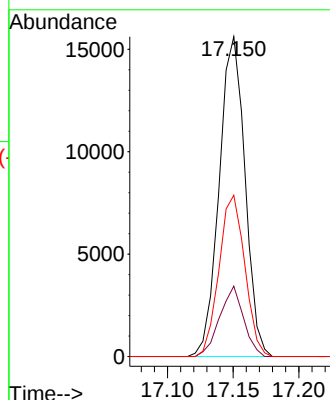
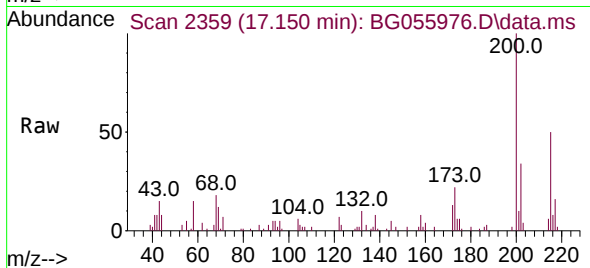
Tgt Ion:200 Resp: 21347

Ion	Ratio	Lower	Upper
200	100		
173	22.0	1.4	41.4
215	50.4	33.3	73.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022



#70

Pentachlorophenol

Concen: 87.706 ng

RT: 17.362 min Scan# 2395

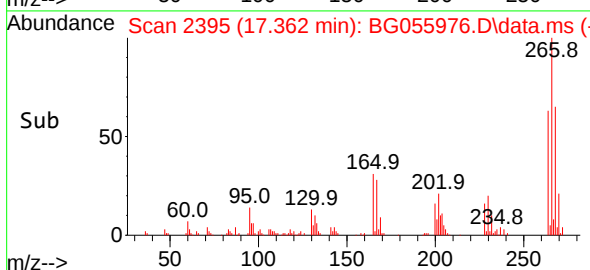
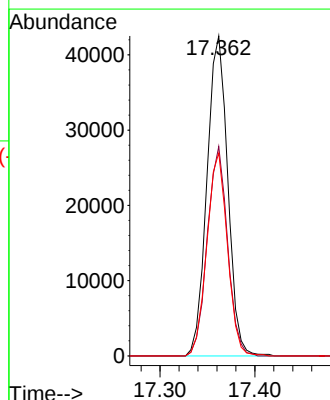
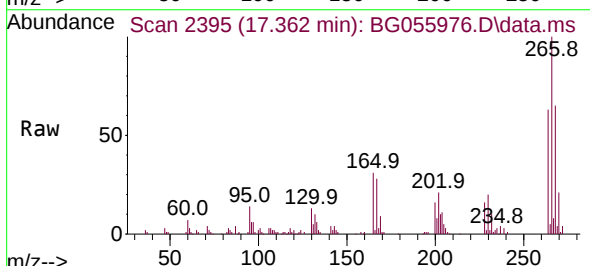
Delta R.T. 0.008 min

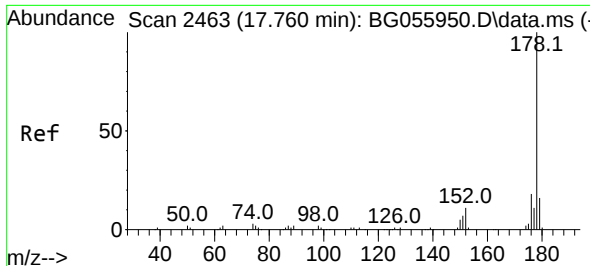
Lab File: BG055976.D

Acq: 15 Dec 2022 14:18

Tgt Ion:266 Resp: 64843

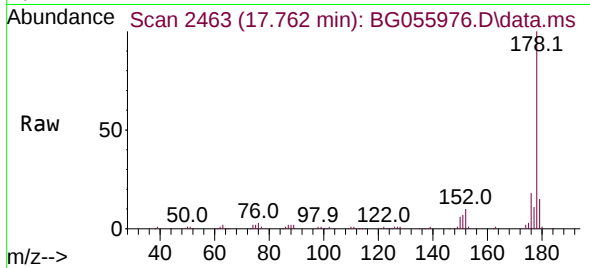
Ion	Ratio	Lower	Upper
266	100		
268	65.4	55.5	83.3
264	63.4	52.6	78.8





#71
Phenanthrene
Concen: 38.892 ng
RT: 17.762 min Scan# 2463
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

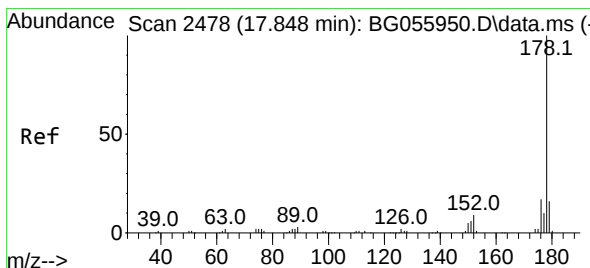
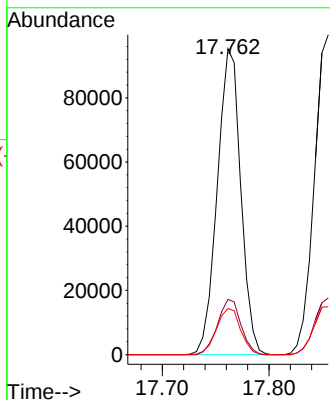
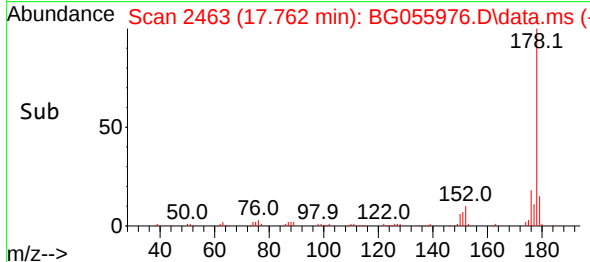
Instrument :
BNA_G
ClientSampleId :
PB149554BS



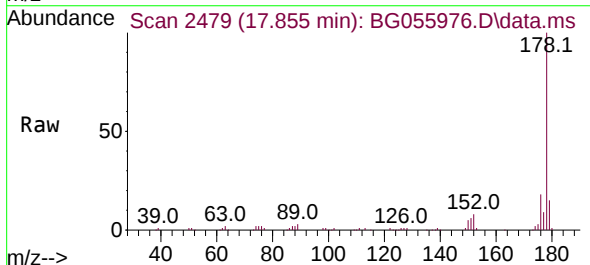
Tgt Ion:178 Resp: 146034
Ion Ratio Lower Upper
178 100
176 18.0 14.4 21.6
179 15.0 12.7 19.1

Manual Integrations
APPROVED

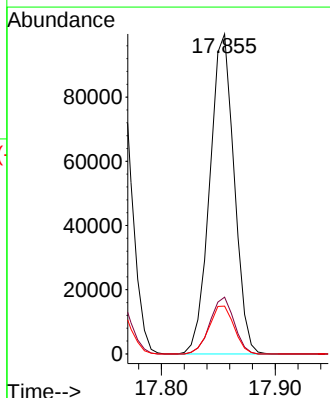
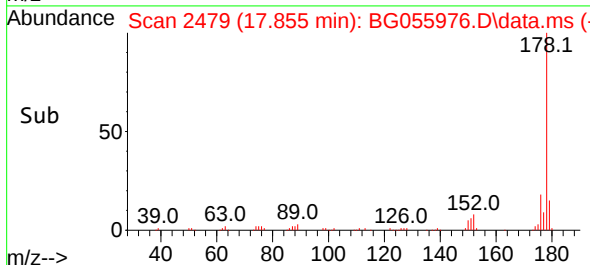
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022

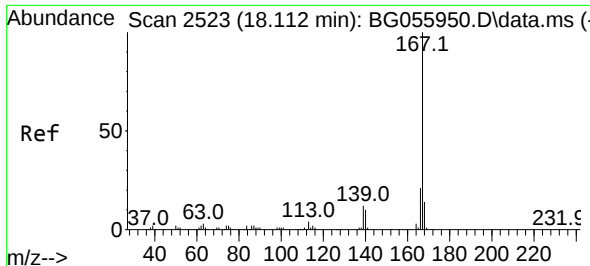


#72
Anthracene
Concen: 39.929 ng
RT: 17.855 min Scan# 2479
Delta R.T. 0.008 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18



Tgt Ion:178 Resp: 148329
Ion Ratio Lower Upper
178 100
176 17.7 13.9 20.9
179 14.9 12.7 19.1





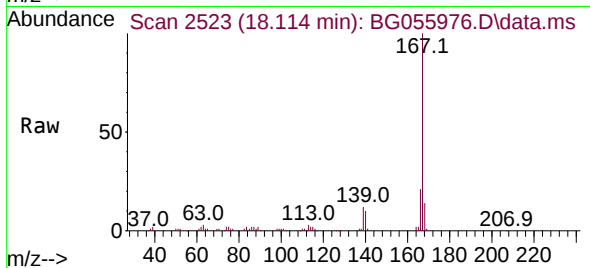
#73
 Carbazole
 Concen: 39.706 ng
 RT: 18.114 min Scan# 2523
 Delta R.T. 0.002 min
 Lab File: BG055976.D
 Acq: 15 Dec 2022 14:18

Instrument :

BNA_G

ClientSampleId :

PB149554BS

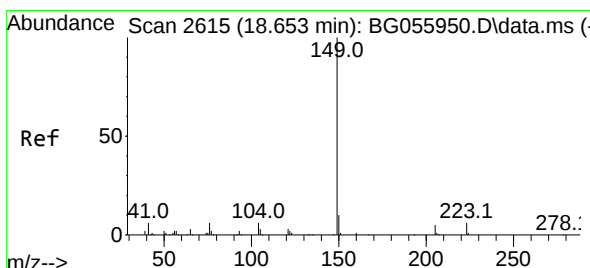
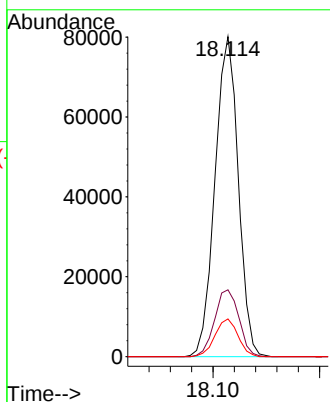
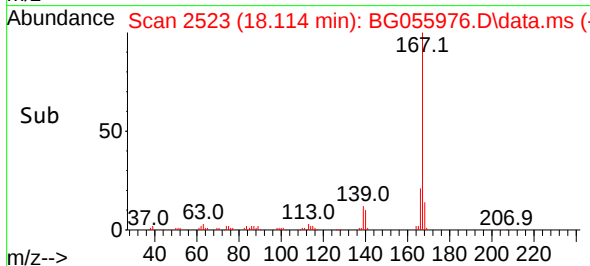


Tgt Ion:167 Resp: 121650
 Ion Ratio Lower Upper
 167 100
 166 20.9 16.6 25.0
 139 11.8 9.7 14.5

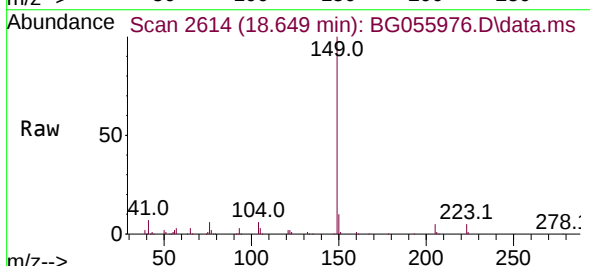
Manual Integrations

APPROVED

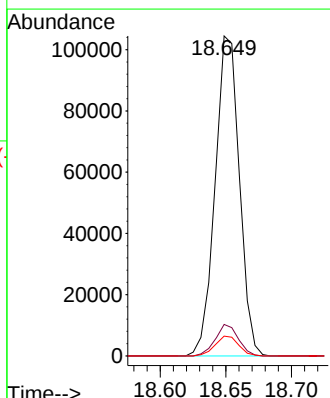
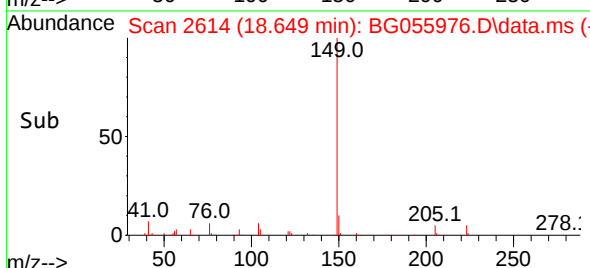
Reviewed By :Jagrut Upadhyay 12/16/2022
 Supervised By :mohammad ahmed 12/17/2022

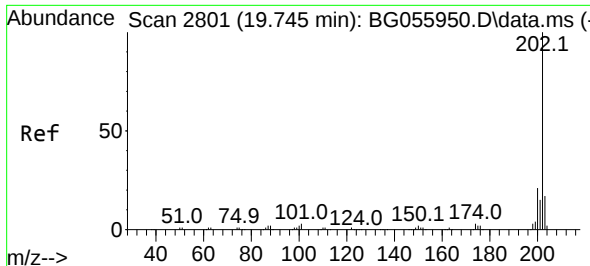


#74
 Di-n-butylphthalate
 Concen: 37.715 ng
 RT: 18.649 min Scan# 2614
 Delta R.T. -0.004 min
 Lab File: BG055976.D
 Acq: 15 Dec 2022 14:18



Tgt Ion:149 Resp: 134380
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 6.2 4.8 7.2





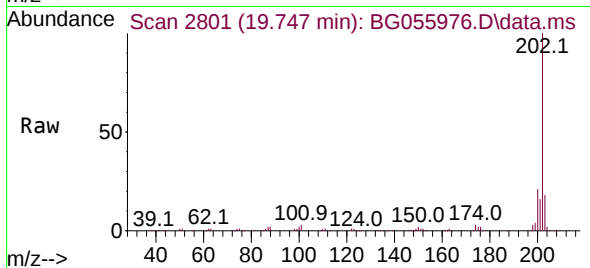
#75
Fluoranthene
Concen: 35.245 ng
RT: 19.747 min Scan# 2801
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

Instrument :

BNA_G

ClientSampleId :

PB149554BS

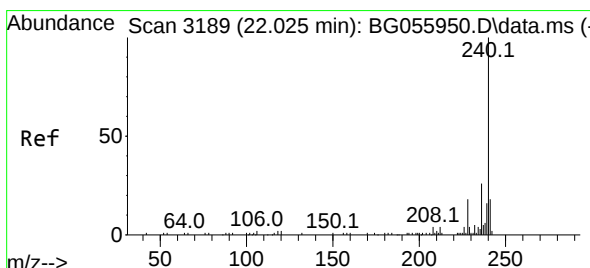
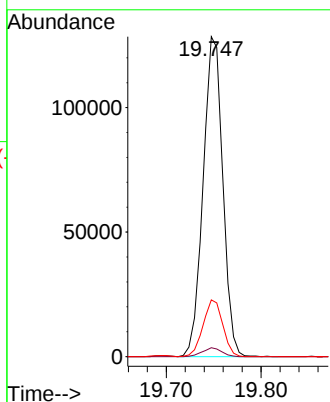
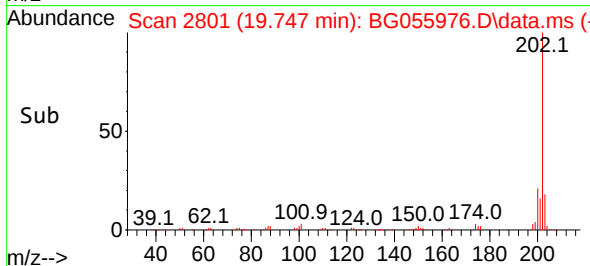


Tgt Ion:202 Resp: 185319
Ion Ratio Lower Upper
202 100
101 2.8 0.0 22.6
203 17.7 0.0 37.1

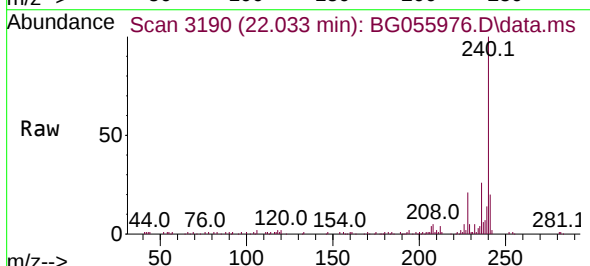
Manual Integrations

APPROVED

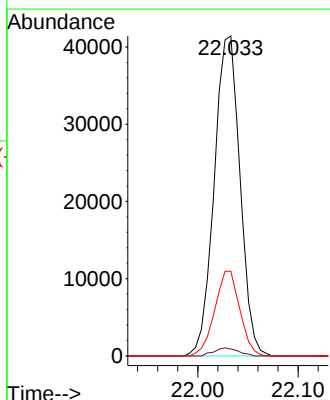
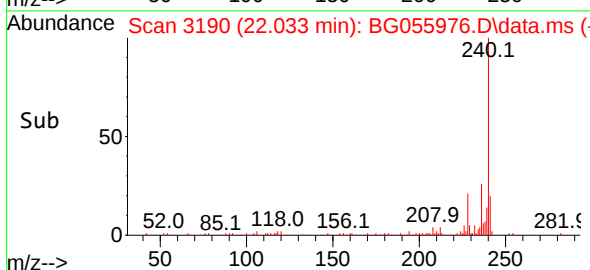
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022

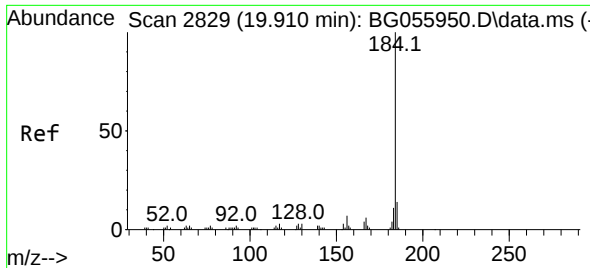


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.033 min Scan# 3190
Delta R.T. 0.008 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18



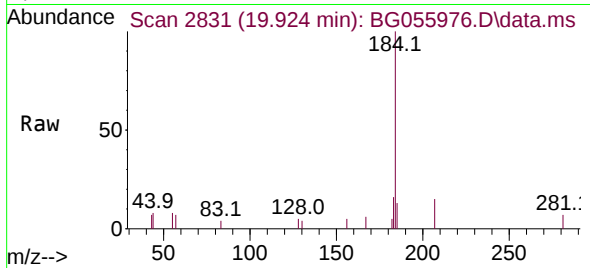
Tgt Ion:240 Resp: 74002
Ion Ratio Lower Upper
240 100
120 2.2 1.7 2.5
236 26.4 21.1 31.7





#77
Benzidine
Concen: 17.849 ng m
RT: 19.924 min Scan# 2829
Delta R.T. 0.014 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

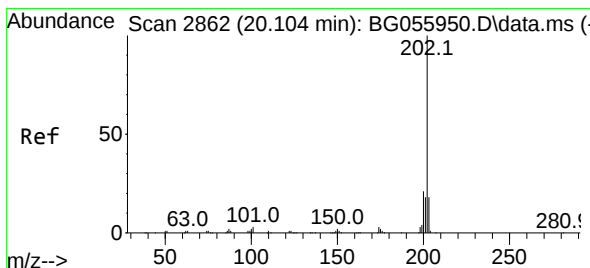
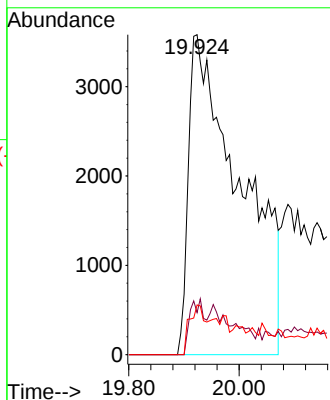
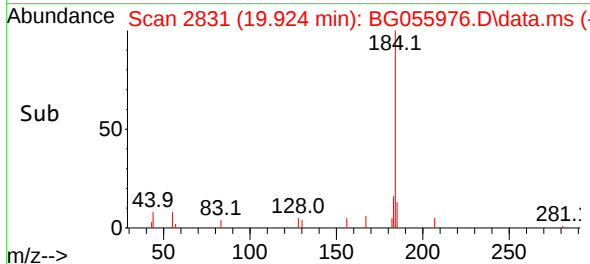
Instrument :
BNA_G
ClientSampleId :
PB149554BS



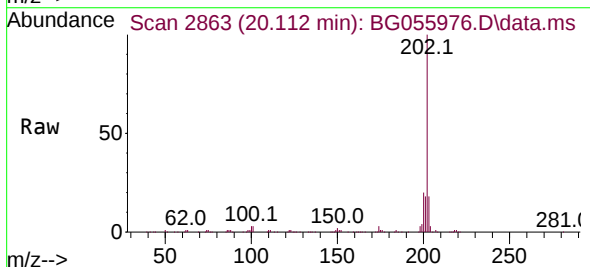
Tgt Ion:184 Resp: 23196
Ion Ratio Lower Upper
184 100
185 13.1 10.9 16.3
183 15.5 9.2 13.8

Manual Integrations
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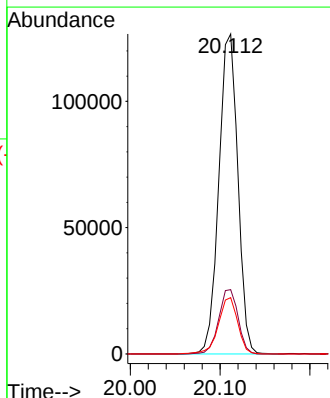
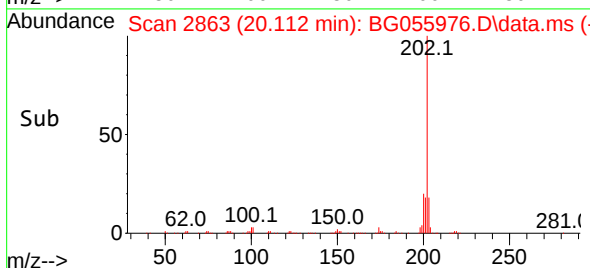
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022

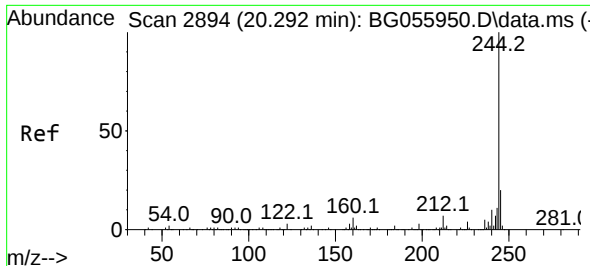


#78
Pyrene
Concen: 41.516 ng
RT: 20.112 min Scan# 2863
Delta R.T. 0.008 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18



Tgt Ion:202 Resp: 185906
Ion Ratio Lower Upper
202 100
200 20.1 16.7 25.1
203 17.6 14.6 21.8





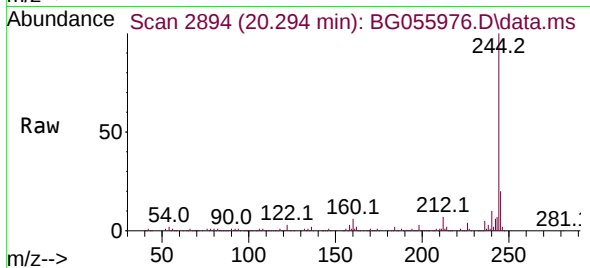
#79
 Terphenyl-d14
 Concen: 88.068 ng
 RT: 20.294 min Scan# 2894
 Delta R.T. 0.002 min
 Lab File: BG055976.D
 Acq: 15 Dec 2022 14:18

Instrument :

BNA_G

ClientSampleId :

PB149554BS

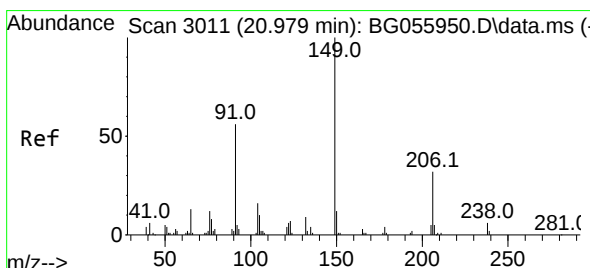
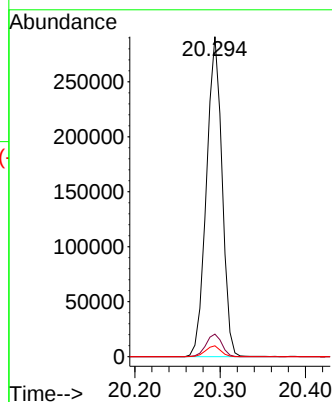
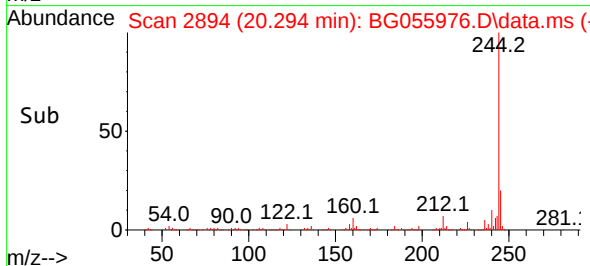


Tgt Ion:244 Resp: 36874
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 3.4 2.5 3.7

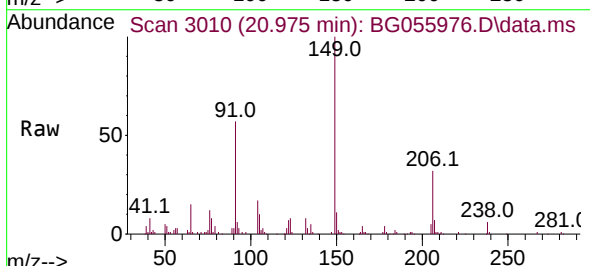
Manual Integrations

APPROVED

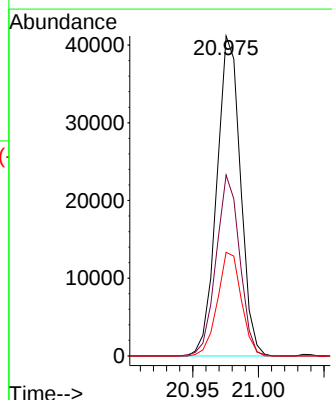
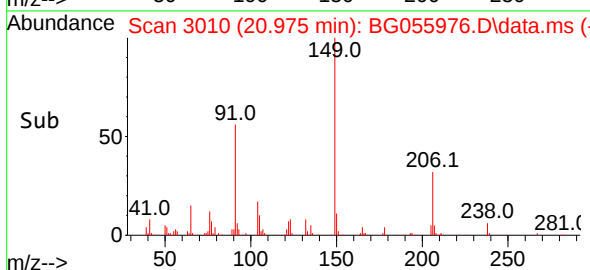
Reviewed By :Jagrut Upadhyay 12/16/2022
 Supervised By :mohammad ahmed 12/17/2022

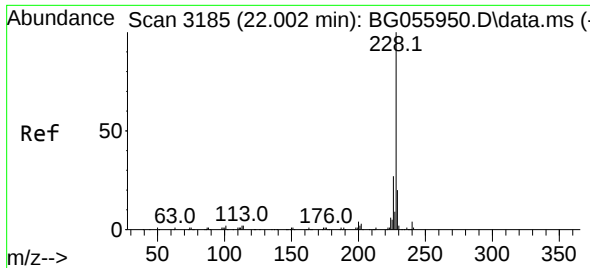


#80
 Butylbenzylphthalate
 Concen: 40.716 ng
 RT: 20.975 min Scan# 3010
 Delta R.T. -0.004 min
 Lab File: BG055976.D
 Acq: 15 Dec 2022 14:18



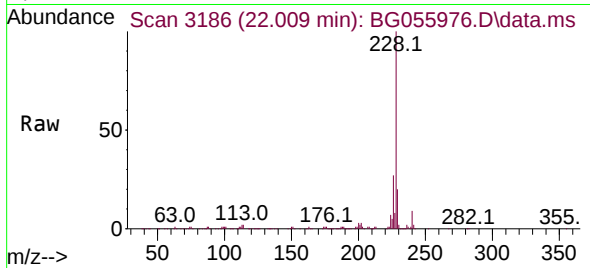
Tgt Ion:149 Resp: 51664
 Ion Ratio Lower Upper
 149 100
 91 56.5 44.5 66.7
 206 32.4 25.8 38.6





#81
Benzo(a)anthracene
Concen: 39.255 ng
RT: 22.009 min Scan# 3185
Delta R.T. 0.008 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

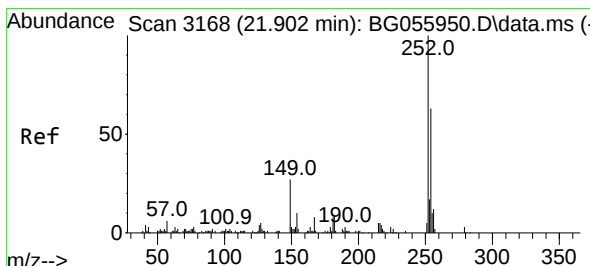
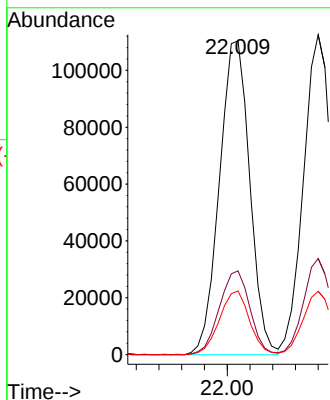
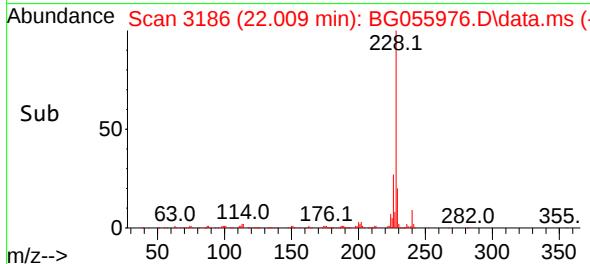
Instrument :
BNA_G
ClientSampleId :
PB149554BS



Tgt Ion:228 Resp: 204414
Ion Ratio Lower Upper
228 100
226 26.7 21.8 32.6
229 20.3 15.9 23.9

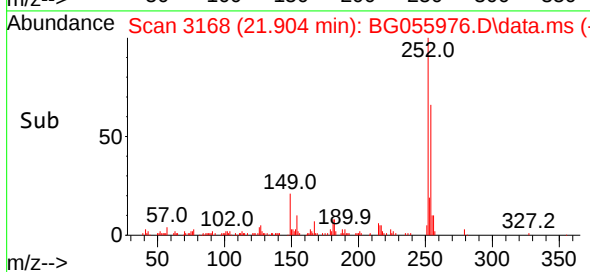
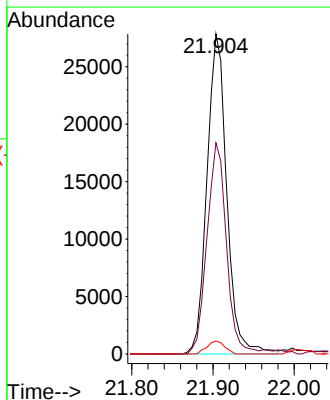
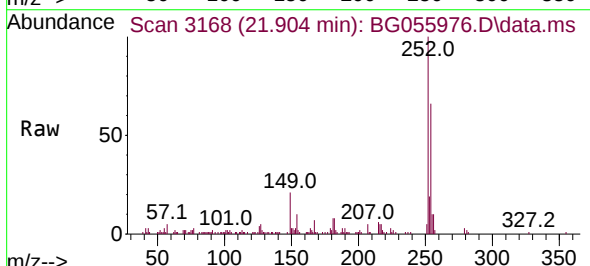
Manual Integrations
APPROVED

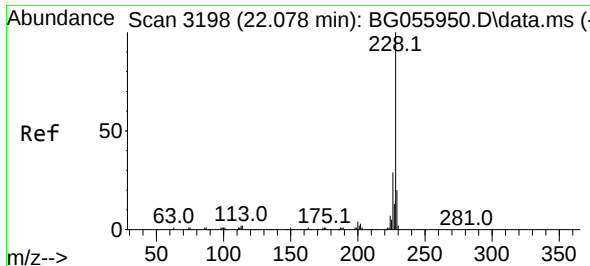
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022



#82
3,3'-Dichlorobenzidine
Concen: 25.173 ng
RT: 21.904 min Scan# 3168
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

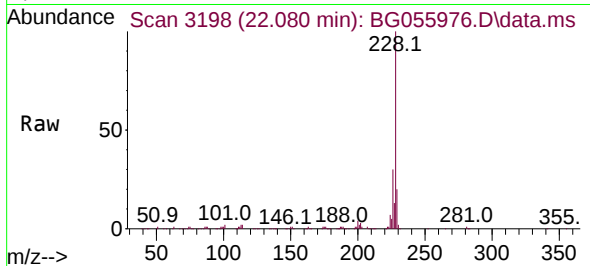
Tgt Ion:252 Resp: 47162
Ion Ratio Lower Upper
252 100
254 65.9 50.2 75.2
126 4.0 3.1 4.7





#83
Chrysene
Concen: 39.492 ng
RT: 22.080 min Scan# 3198
Delta R.T. 0.002 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

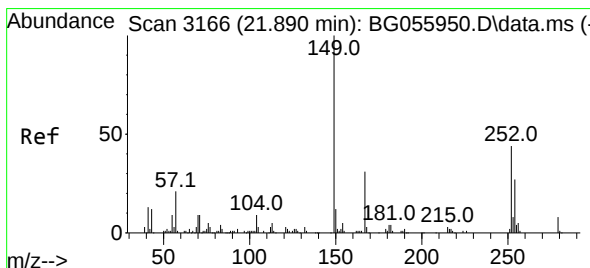
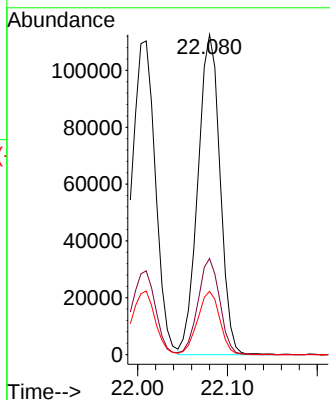
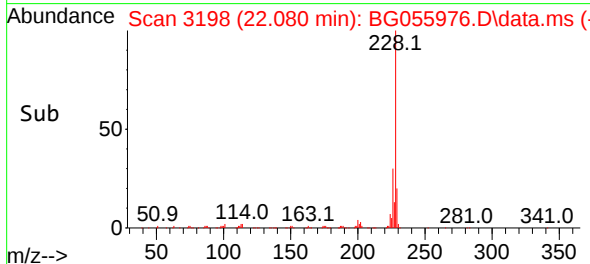
Instrument :
BNA_G
ClientSampleId :
PB149554BS



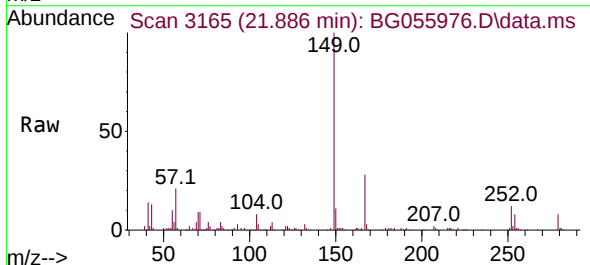
Tgt Ion:228 Resp: 192740
Ion Ratio Lower Upper
228 100
226 30.0 23.1 34.7
229 19.8 15.7 23.5

Manual Integrations
APPROVED

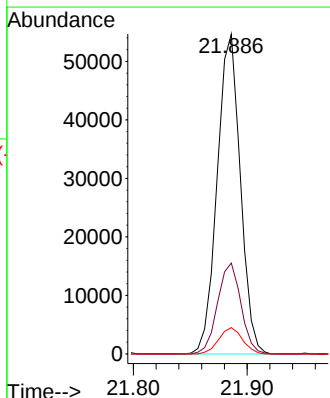
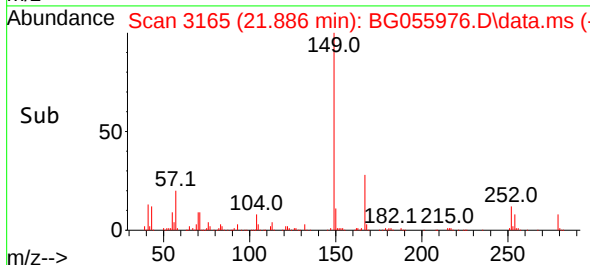
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022

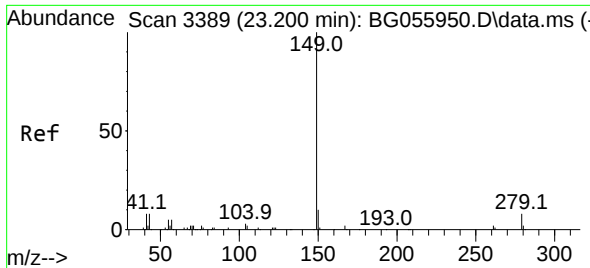


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.951 ng
RT: 21.886 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18



Tgt Ion:149 Resp: 77200
Ion Ratio Lower Upper
149 100
167 28.4 24.6 36.8
279 8.2 6.3 9.5





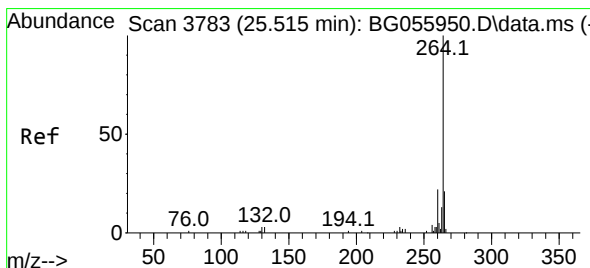
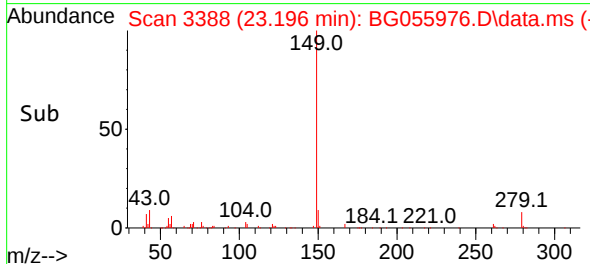
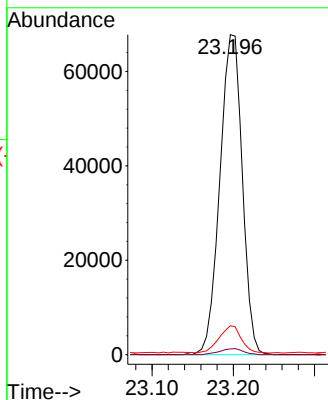
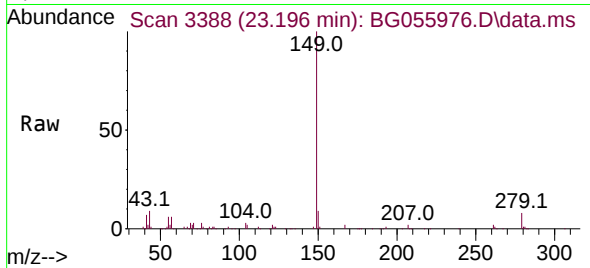
#85
Di-n-octyl phthalate
Concen: 40.606 ng
RT: 23.196 min Scan# 3389
Delta R.T. -0.004 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

Instrument :
BNA_G
ClientSampleId :
PB149554BS

Tgt Ion:149 Resp: 129849
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 8.5 6.9 10.3

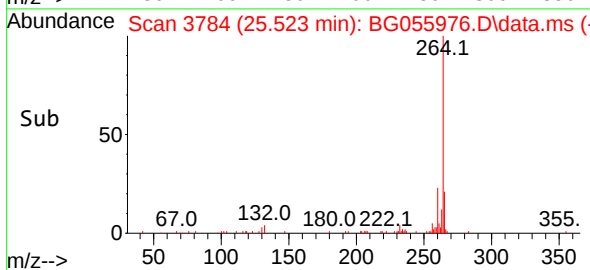
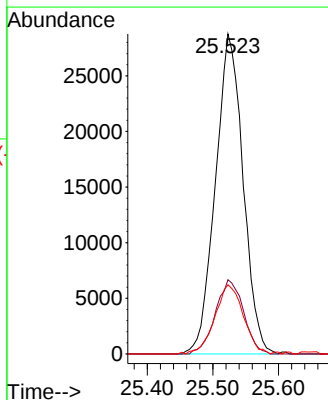
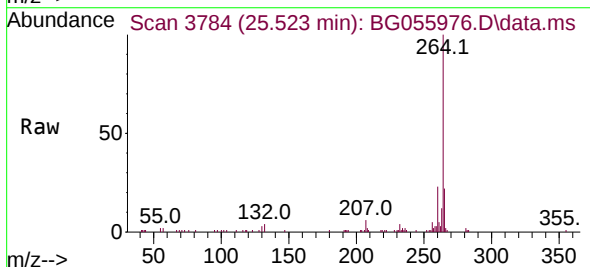
Manual Integrations
APPROVED

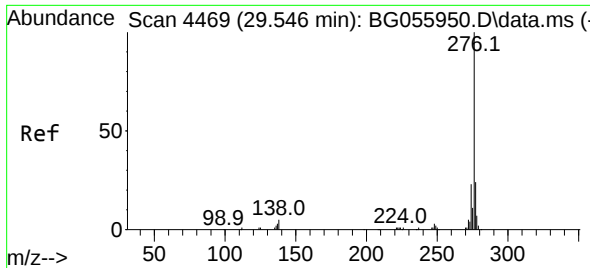
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.523 min Scan# 3784
Delta R.T. 0.008 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

Tgt Ion:264 Resp: 84116
Ion Ratio Lower Upper
264 100
260 23.2 17.8 26.8
265 21.6 16.6 25.0





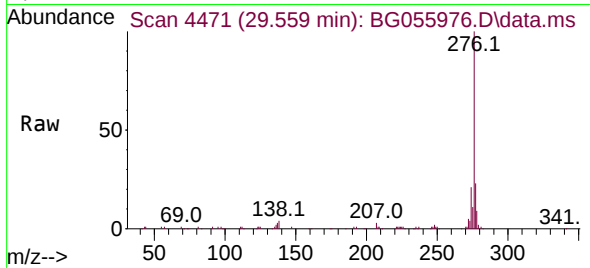
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.871 ng
 RT: 29.559 min Scan# 4469
 Delta R.T. 0.014 min
 Lab File: BG055976.D
 Acq: 15 Dec 2022 14:18

Instrument :

BNA_G

ClientSampleId :

PB149554BS

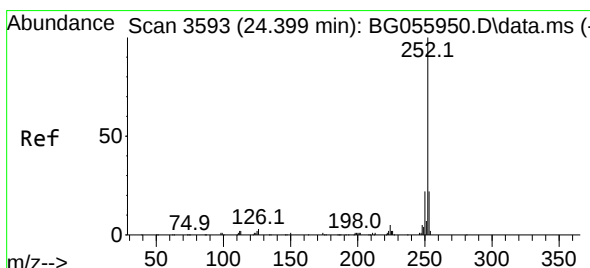
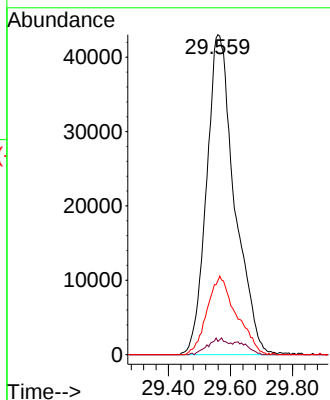
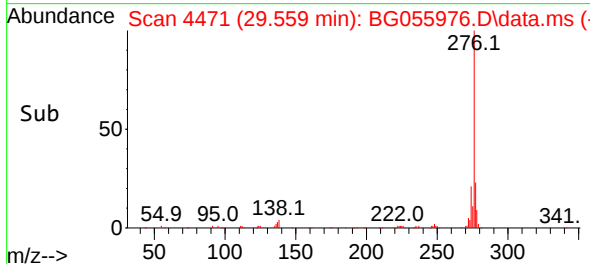


Tgt Ion:276 Resp: 269690
 Ion Ratio Lower Upper
 276 100
 138 2.0 3.0 4.4
 277 25.7 20.4 30.6

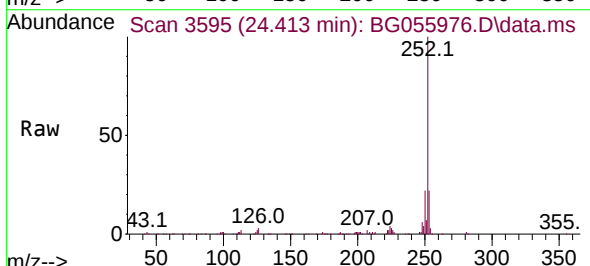
Manual Integrations

APPROVED

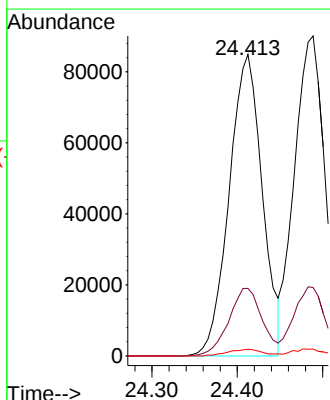
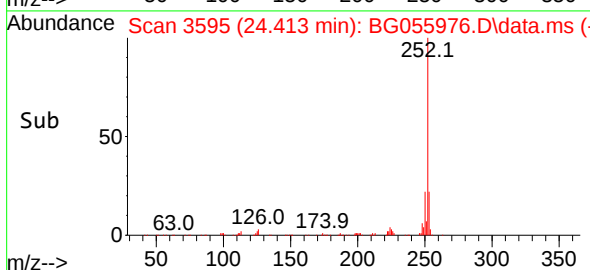
Reviewed By :Jagrut Upadhyay 12/16/2022
 Supervised By :mohammad ahmed 12/17/2022

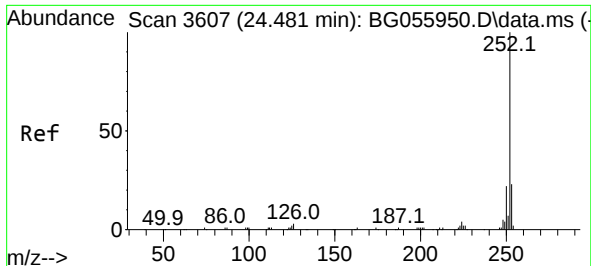


#88
 Benzo(b)fluoranthene
 Concen: 42.032 ng
 RT: 24.413 min Scan# 3595
 Delta R.T. 0.014 min
 Lab File: BG055976.D
 Acq: 15 Dec 2022 14:18



Tgt Ion:252 Resp: 228815
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.4 26.0
 125 2.2 1.8 2.8





#89

Benzo(k)fluoranthene

Concen: 41.179 ng

RT: 24.489 min Scan# 3608

Delta R.T. 0.008 min

Lab File: BG055976.D

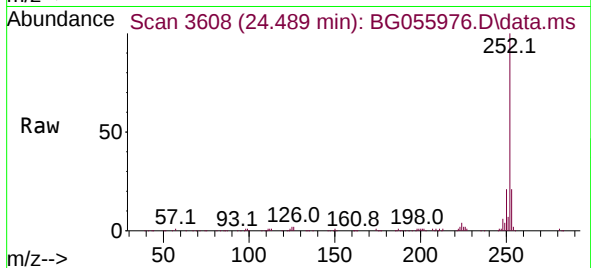
Acq: 15 Dec 2022 14:18

Instrument :

BNA_G

ClientSampleId :

PB149554BS

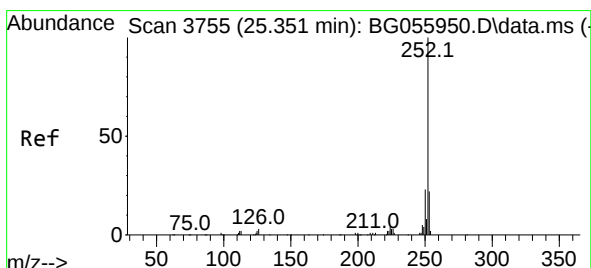
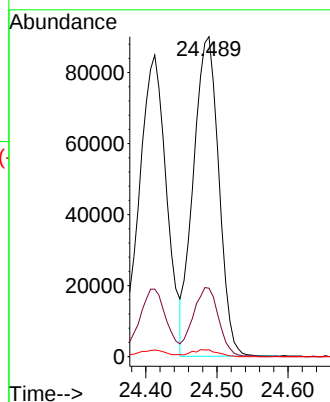
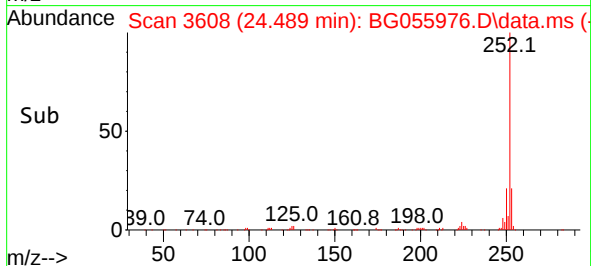


Tgt Ion:	252	Resp:	223659
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.2	27.2
125	2.1	2.0	3.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022



#90

Benzo(a)pyrene

Concen: 43.573 ng

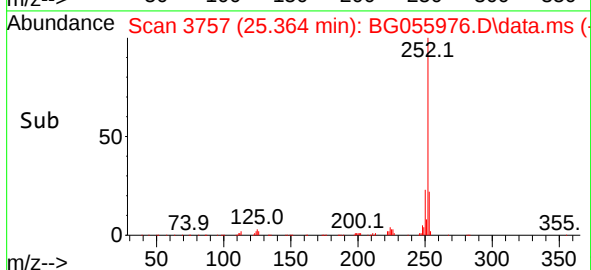
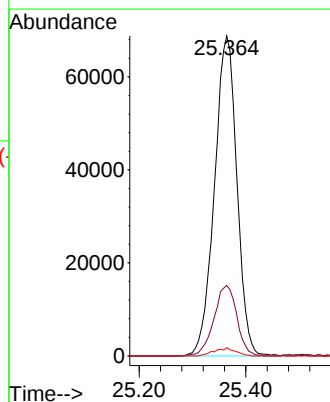
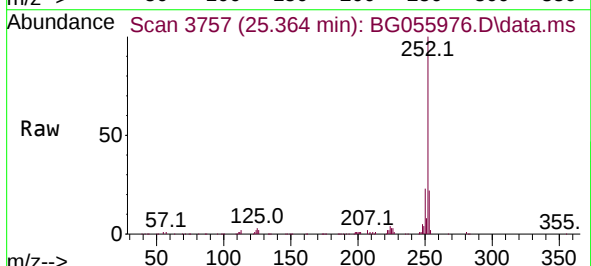
RT: 25.364 min Scan# 3757

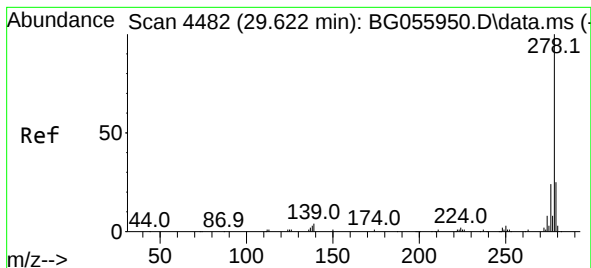
Delta R.T. 0.014 min

Lab File: BG055976.D

Acq: 15 Dec 2022 14:18

Tgt Ion:	252	Resp:	200505
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.7	26.5
125	2.6	1.9	2.9





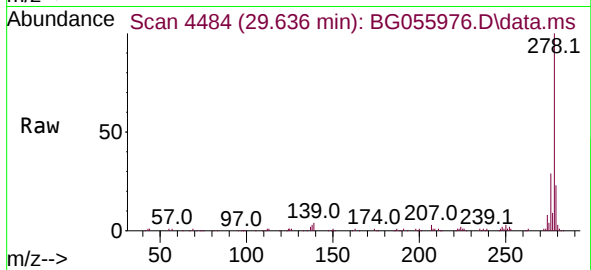
#91
Dibenzo(a,h)anthracene
Concen: 41.723 ng
RT: 29.636 min Scan# 4484
Delta R.T. 0.014 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18

Instrument :

BNA_G

ClientSampleId :

PB149554BS

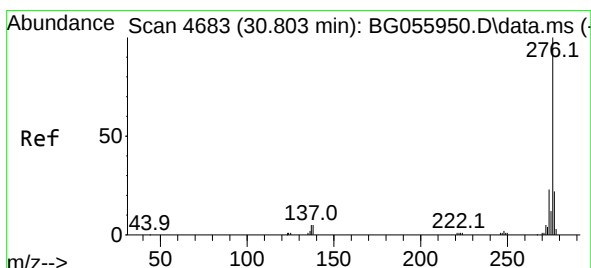
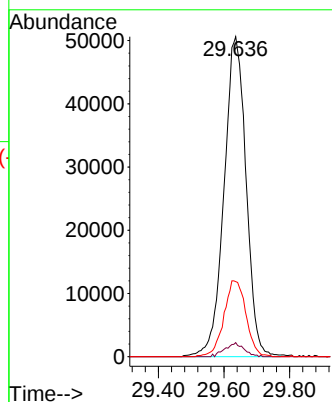
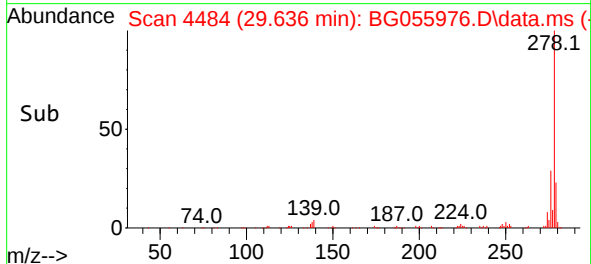


Tgt Ion:278 Resp: 236211
Ion Ratio Lower Upper
278 100
139 4.4 2.9 4.3
279 23.4 20.0 30.0

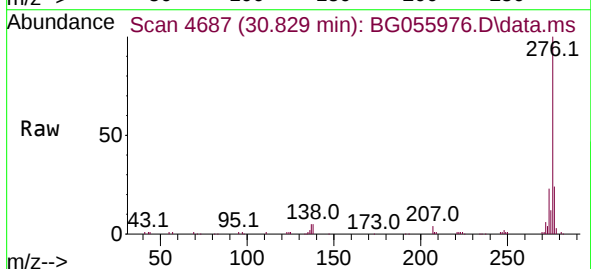
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022



#92
Benzo(g,h,i)perylene
Concen: 40.344 ng
RT: 30.829 min Scan# 4687
Delta R.T. 0.025 min
Lab File: BG055976.D
Acq: 15 Dec 2022 14:18



Tgt Ion:276 Resp: 220836
Ion Ratio Lower Upper
276 100
277 24.1 17.8 26.6
138 4.8 3.8 5.6

