

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121422\
 Data File : BG055962.D
 Acq On : 14 Dec 2022 16:44
 Operator : CG/JU
 Sample : N5993-08MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AOC2-B1-W5MSD

Manual Integrations
 APPROVED

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

Quant Time: Dec 15 00:50:48 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	8.372	152	5857	20.000	ng	0.00
21) Naphthalene-d8	11.204	136	20981	20.000	ng	# 0.00
39) Acenaphthene-d10	14.982	164	19002	20.000	ng	0.00
64) Phenanthrene-d10	17.714	188	56300	20.000	ng	0.00
76) Chrysene-d12	22.026	240	61335	20.000	ng	0.00
86) Perylene-d12	25.517	264	75827	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.887	112	37721	151.037	ng	0.00
7) Phenol-d6	7.496	99	45593	141.942	ng	0.00
23) Nitrobenzene-d5	9.541	82	27615	91.978	ng	0.00
42) 2,4,6-Tribromophenol	16.457	330	65926	143.882	ng	0.00
45) 2-Fluorobiphenyl	13.607	172	119541	88.230	ng	0.00
79) Terphenyl-d14	20.287	244	336608	96.995	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.713	88	3577	49.215	ng	91
3) Pyridine	4.130	79	9677	40.458	ng	97
4) n-Nitrosodimethylamine	4.036	42	9757	45.378	ng	90
6) Aniline	7.679	93	12252	31.858	ng	93
8) 2-Chlorophenol	7.925	128	16620	51.582	ng	96
9) Benzaldehyde	7.496	77	6038	29.932	ng	94
10) Phenol	7.526	94	17598	50.059	ng	98
11) bis(2-Chloroethyl)ether	7.773	93	10628	46.413	ng	96
12) 1,3-Dichlorobenzene	8.260	146	19293	46.288	ng	92
13) 1,4-Dichlorobenzene	8.407	146	19770	46.413	ng	97
14) 1,2-Dichlorobenzene	8.730	146	19115	46.956	ng	98
15) Benzyl Alcohol	8.601	79	15992	47.915	ng	# 87
16) 2,2'-oxybis(1-Chloropr...	8.889	45	13989	46.938	ng	95
17) 2-Methylphenol	8.795	107	13643	49.325	ng	94
18) Hexachloroethane	9.476	117	6267	48.469	ng	99
19) n-Nitroso-di-n-propyla...	9.171	70	10445	45.366	ng	# 91
20) 3+4-Methylphenols	9.124	107	18751	47.505	ng	95
22) Acetophenone	9.194	105	24490	47.086	ng	95
24) Nitrobenzene	9.588	77	16270	53.838	ng	96
25) Isophorone	10.105	82	30154	47.897	ng	99
26) 2-Nitrophenol	10.305	139	9422	52.667	ng	# 92
27) 2,4-Dimethylphenol	10.340	122	17584m	58.526	ng	
28) bis(2-Chloroethoxy)met...	10.587	93	14911	53.590	ng	99
29) 2,4-Dichlorophenol	10.834	162	22337	52.380	ng	99
30) 1,2,4-Trichlorobenzene	11.063	180	26022	46.942	ng	96
31) Naphthalene	11.257	128	51153	46.206	ng	99
32) Benzoic acid	10.446	122	11516	45.093	ng	# 83
33) 4-Chloroaniline	11.351	127	9063	19.097	ng	96
34) Hexachlorobutadiene	11.539	225	24001	46.053	ng	93
35) Caprolactam	12.109	113	5548m	46.695	ng	
36) 4-Chloro-3-methylphenol	12.432	107	20381	50.969	ng	98
37) 2-Methylnaphthalene	12.831	142	44510	45.508	ng	98
38) 1-Methylnaphthalene	13.049	142	41442	43.494	ng	97
40) 1,2,4,5-Tetrachloroben...	13.190	216	41202	51.392	ng	98
41) Hexachlorocyclopentadiene	13.172	237	59737	131.340	ng	99
43) 2,4,6-Trichlorophenol	13.413	196	25507	53.746	ng	95

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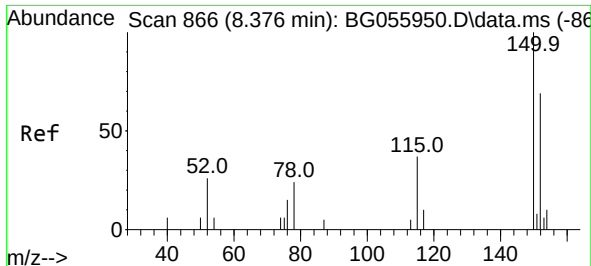
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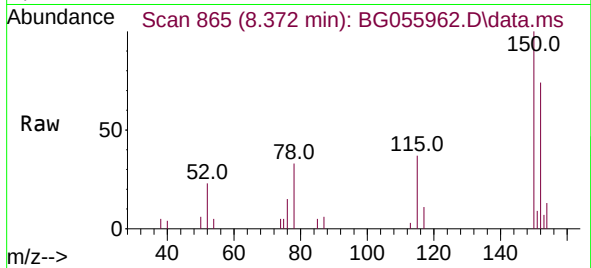
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.484	196	28479	53.234	ng	98
46) 1,1'-Biphenyl	13.818	154	66328	51.497	ng	98
47) 2-Chloronaphthalene	13.865	162	51507	49.216	ng	95
48) 2-Nitroaniline	14.053	65	11871	56.981	ng	96
49) Acenaphthylene	14.706	152	83331	49.884	ng	98
50) Dimethylphthalate	14.418	163	78667	47.885	ng	100
51) 2,6-Dinitrotoluene	14.541	165	15194	59.766	ng	# 89
52) Acenaphthene	15.041	154	61606	54.933	ng	98
53) 3-Nitroaniline	14.864	138	7067	27.329	ng	# 93
54) 2,4-Dinitrophenol	15.064	184	17470	92.435	ng	# 83
55) Dibenzofuran	15.370	168	94105	49.900	ng	99
56) 4-Nitrophenol	15.152	139	23754	114.632	ng	97
57) 2,4-Dinitrotoluene	15.317	165	22593	58.875	ng	# 89
58) Fluorene	16.016	166	75231	48.800	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.587	232	32667	53.450	ng	99
60) Diethylphthalate	15.769	149	75198	46.831	ng	99
61) 4-Chlorophenyl-phenyle...	16.004	204	52555	50.043	ng	95
62) 4-Nitroaniline	16.028	138	14741	52.346	ng	96
63) Azobenzene	16.298	77	53655	54.900	ng	98
65) 4,6-Dinitro-2-methylph...	16.081	198	13762	51.170	ng	97
66) n-Nitrosodiphenylamine	16.216	169	70848	48.021	ng	99
67) 4-Bromophenyl-phenylether	16.897	248	38325	46.456	ng	95
68) Hexachlorobenzene	17.021	284	49461	48.675	ng	97
69) Atrazine	17.150	200	35952	53.818	ng	98
70) Pentachlorophenol	17.355	266	60242	103.700	ng	96
71) Phenanthrene	17.755	178	139289	47.210	ng	99
72) Anthracene	17.849	178	141740	48.559	ng	99
73) Carbazole	18.108	167	114528	47.574	ng	98
74) Di-n-butylphthalate	18.648	149	126444	45.164	ng	99
75) Fluoranthene	19.741	202	185963	45.011	ng	98
77) Benzidine	19.911	184	50766	47.130	ng	99
78) Pyrene	20.105	202	188093	50.679	ng	99
80) Butylbenzylphthalate	20.975	149	55276	52.560	ng	97
81) Benzo(a)anthracene	22.003	228	215549	49.942	ng	100
82) 3,3'-Dichlorobenzidine	21.897	252	44596	28.719	ng	98
83) Chrysene	22.073	228	199571	49.337	ng	99
84) Bis(2-ethylhexyl)phtha...	21.880	149	80640	51.610	ng	97
85) Di-n-octyl phthalate	23.196	149	135061	50.958	ng	100
87) Indeno(1,2,3-cd)pyrene	29.541	276	286731	47.024	ng	# 99
88) Benzo(b)fluoranthene	24.400	252	241179	49.146	ng	99
89) Benzo(k)fluoranthene	24.477	252	237452	48.497	ng	100
90) Benzo(a)pyrene	25.352	252	214559	51.724	ng	98
91) Dibenzo(a,h)anthracene	29.618	278	244678	47.943	ng	97
92) Benzo(g,h,i)perylene	30.810	276	237960	48.224	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.372 min Scan# 866
Delta R.T. -0.004 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

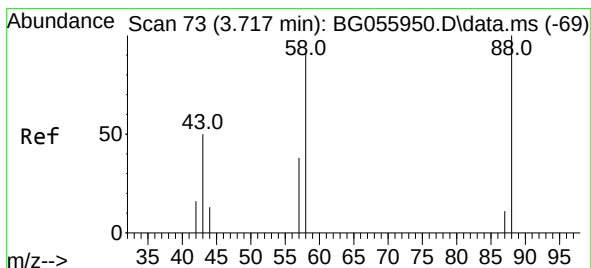
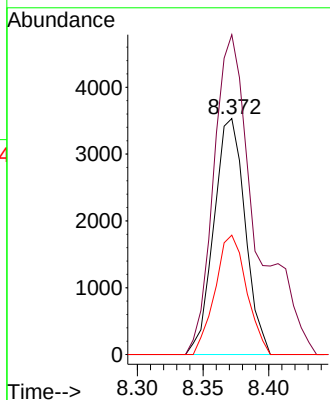
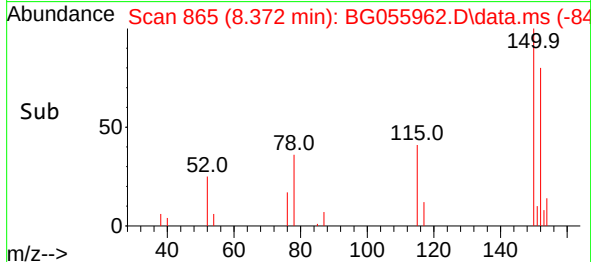
Instrument :
BNA_G
ClientSampleId :
AOC2-B1-W5MSD



Tgt Ion:152 Resp: 5852
Ion Ratio Lower Upper
152 100
150 135.5 115.7 173.5
115 50.6 43.0 64.4

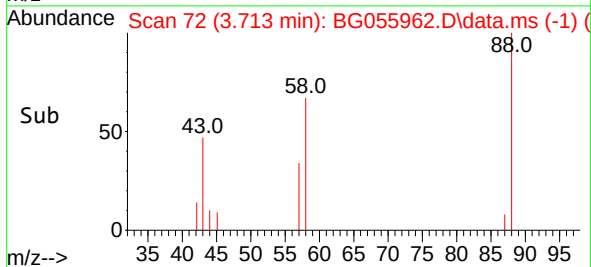
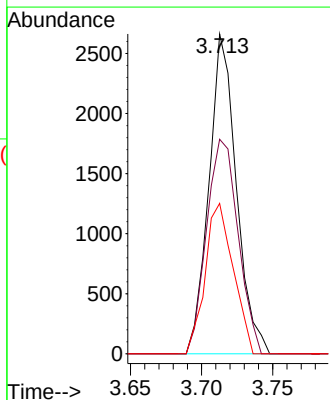
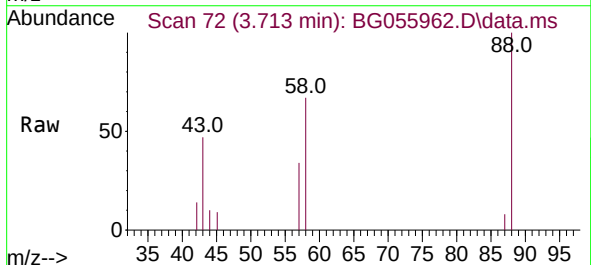
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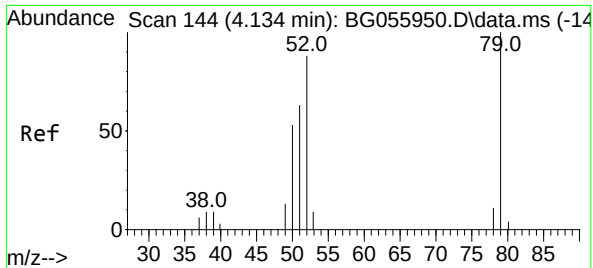
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#2
1,4-Dioxane
Concen: 49.215 ng
RT: 3.713 min Scan# 72
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

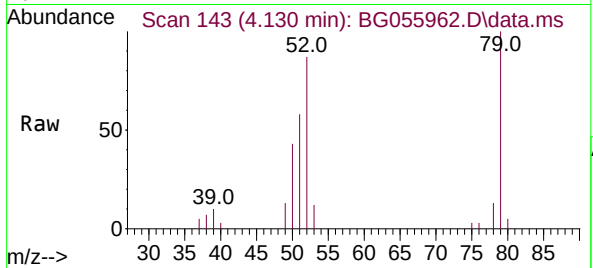
Tgt Ion: 88 Resp: 3577
Ion Ratio Lower Upper
88 100
58 77.0 67.0 100.4
43 48.1 45.7 68.5





#3
Pyridine
Concen: 40.458 ng
RT: 4.130 min Scan# 144
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

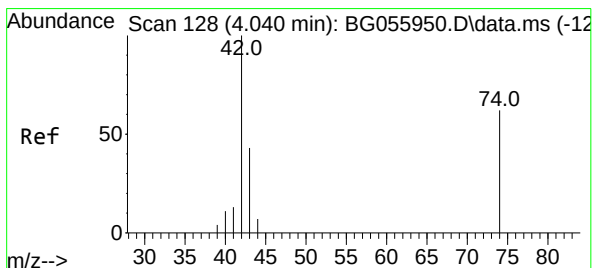
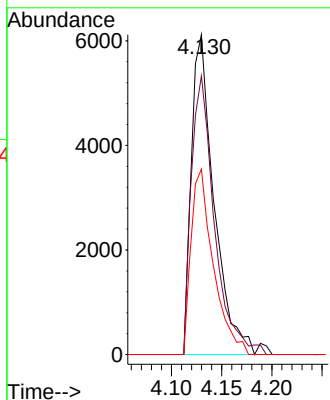
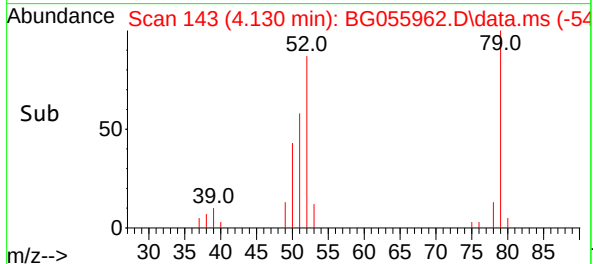
Instrument :
BNA_G
ClientSampleId :
AOC2-B1-W5MSD



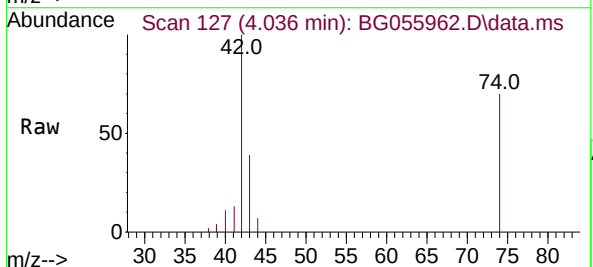
Tgt Ion: 79 Resp: 9672
Ion Ratio Lower Upper
79 100
52 87.1 70.3 105.5
51 58.0 50.6 76.0

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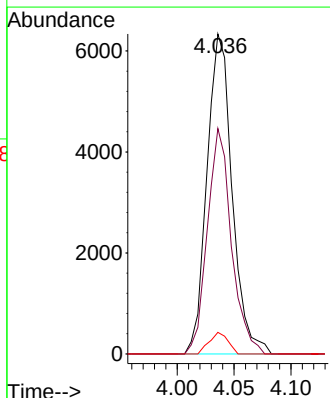
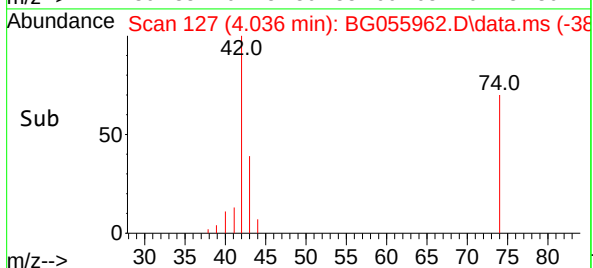
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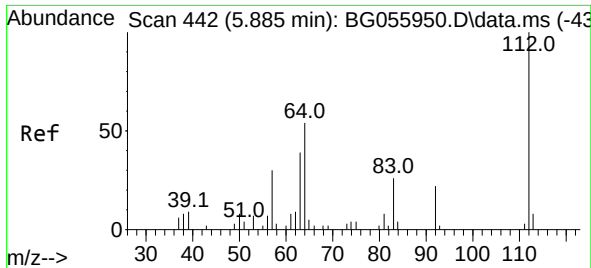


#4
n-Nitrosodimethylamine
Concen: 45.378 ng
RT: 4.036 min Scan# 127
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44



Tgt Ion: 42 Resp: 9757
Ion Ratio Lower Upper
42 100
74 70.4 49.8 74.6
44 6.7 5.2 7.8





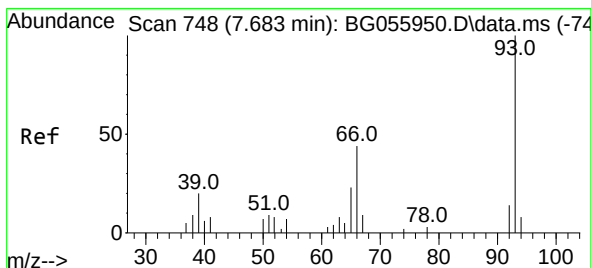
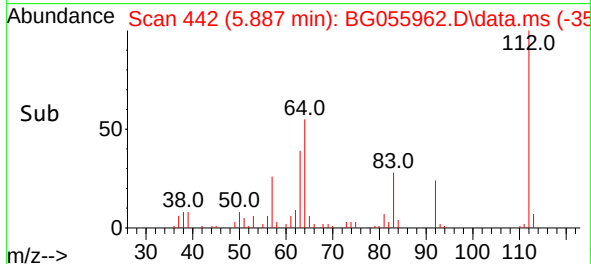
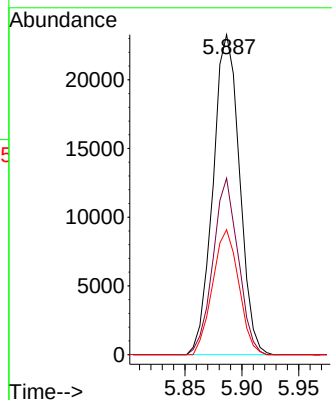
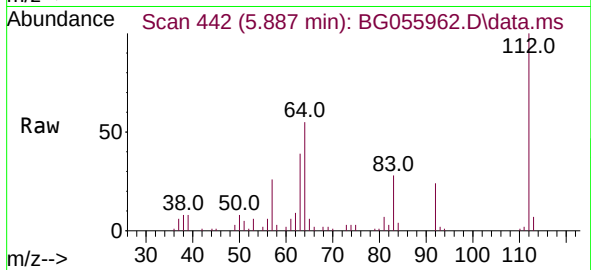
#5
2-Fluorophenol
Concen: 151.037 ng
RT: 5.887 min Scan# 442
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

Instrument :
BNA_G
ClientSampleId :
AOC2-B1-W5MSD

Tgt Ion:112 Resp: 3772
Ion Ratio Lower Upper
112 100
64 55.1 43.0 64.4
63 39.1 31.4 47.2

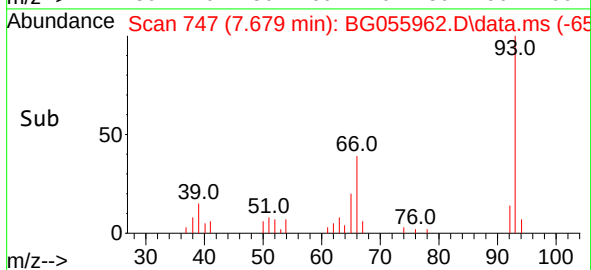
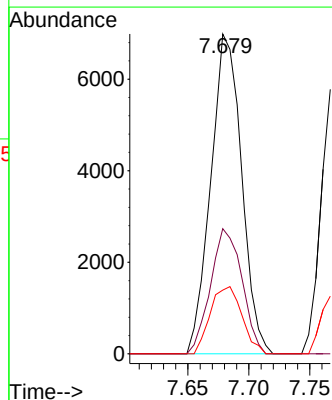
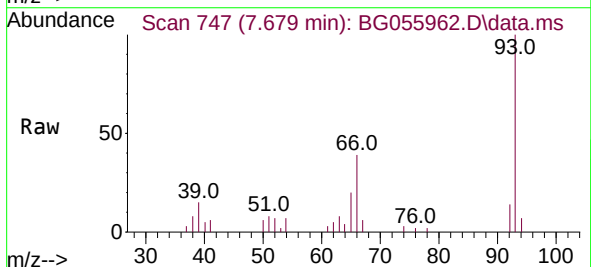
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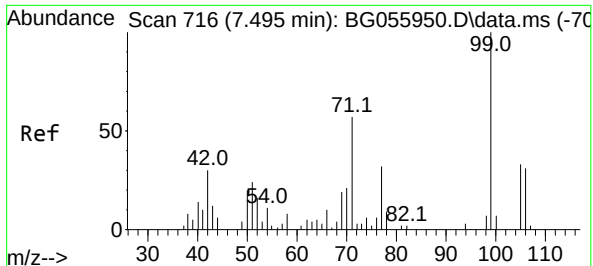
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#6
Aniline
Concen: 31.858 ng
RT: 7.679 min Scan# 747
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

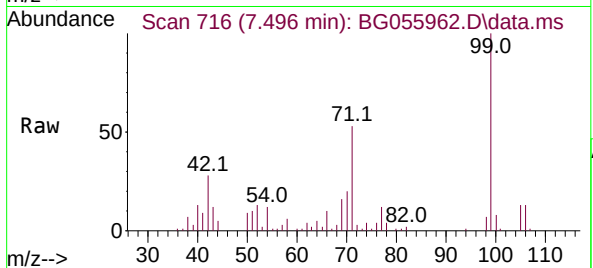
Tgt Ion: 93 Resp: 12252
Ion Ratio Lower Upper
93 100
66 39.1 35.5 53.3
65 19.9 18.2 27.2





#7
Phenol-d6
Concen: 141.942 ng
RT: 7.496 min Scan# 716
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

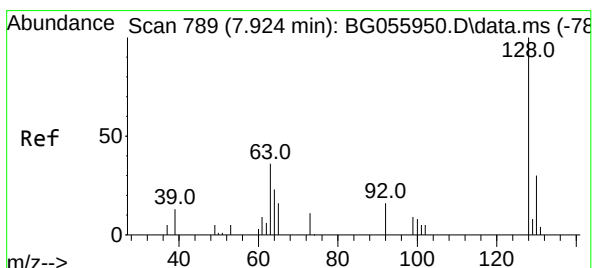
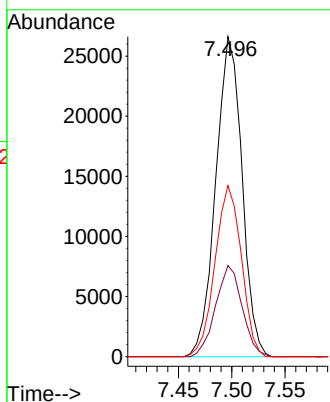
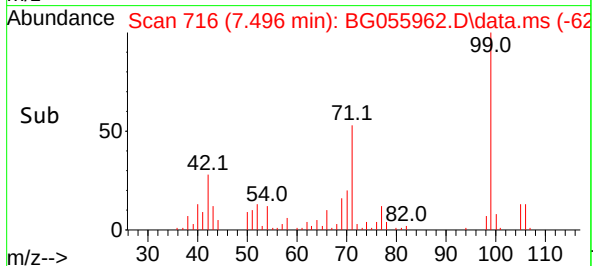
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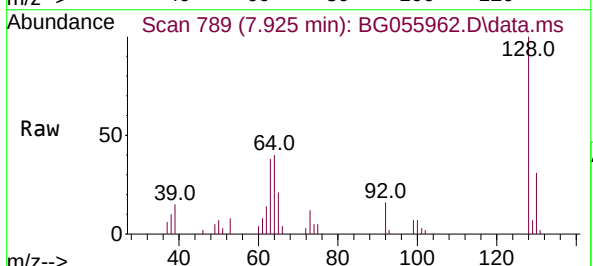
Tgt Ion: 99 Resp: 45593
Ion Ratio Lower Upper
99 100
42 28.5 24.3 36.5
71 53.4 45.6 68.4

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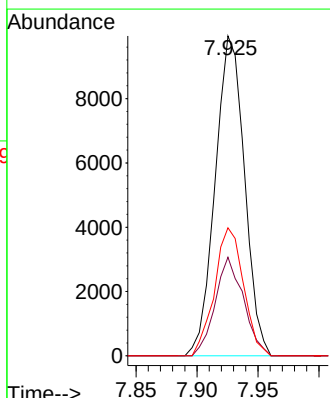
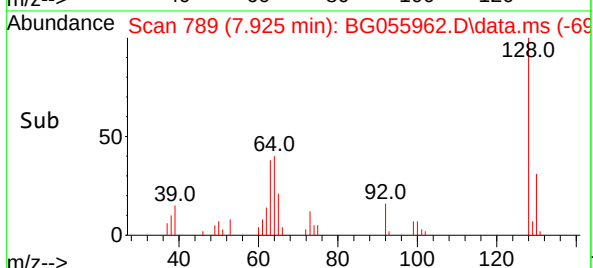
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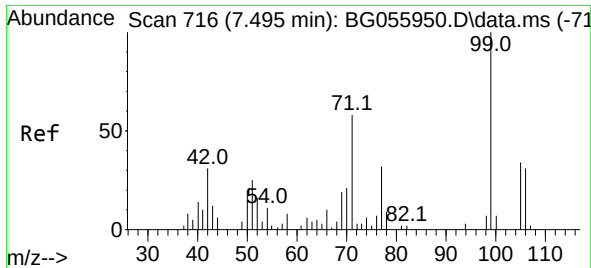


#8
2-Chlorophenol
Concen: 51.582 ng
RT: 7.925 min Scan# 789
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44



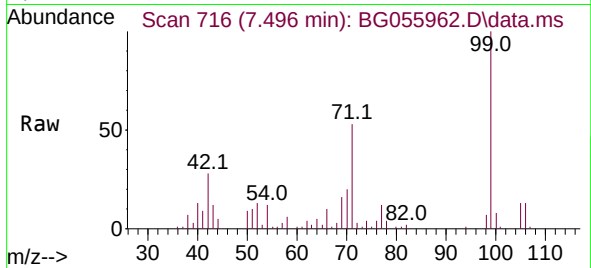
Tgt Ion:128 Resp: 16620
Ion Ratio Lower Upper
128 100
130 30.8 9.9 49.9
64 40.0 16.7 56.7





#9
Benzaldehyde
Concen: 29.932 ng
RT: 7.496 min Scan# 716
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

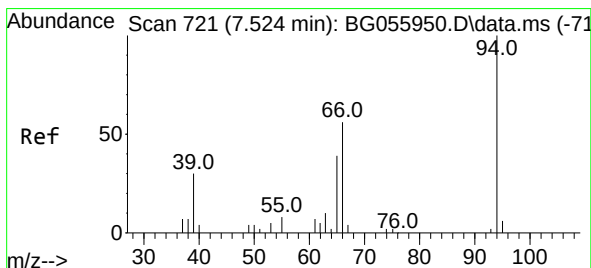
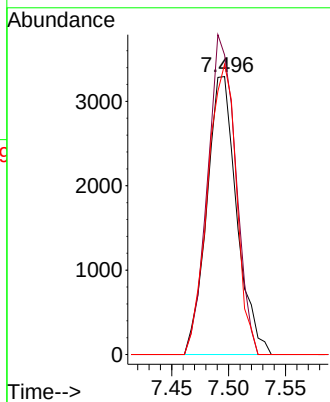
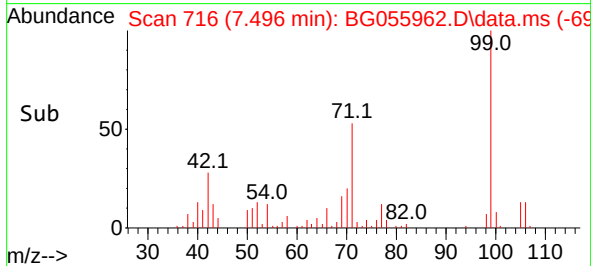
Instrument :
BNA_G
ClientSampleId :
AOC2-B1-W5MSD



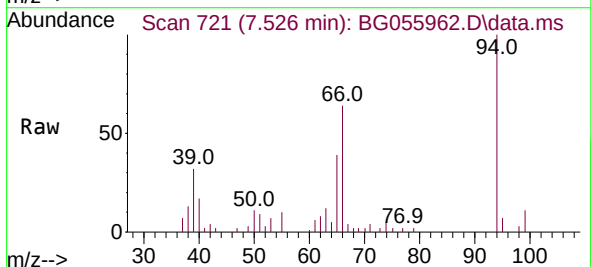
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Ion Ratio Lower Upper
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105 107.8 83.1 123.1
106 104.5 76.3 116.3

Manual Integrations
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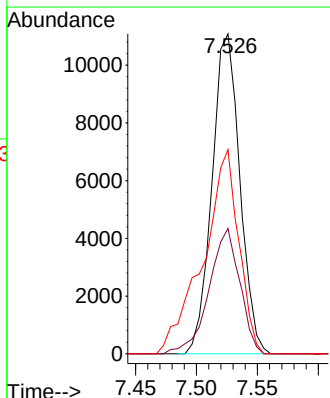
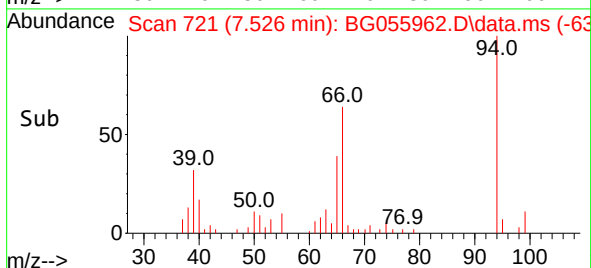
Reviewed By :Jagrut Upadhyay 12/15/2022
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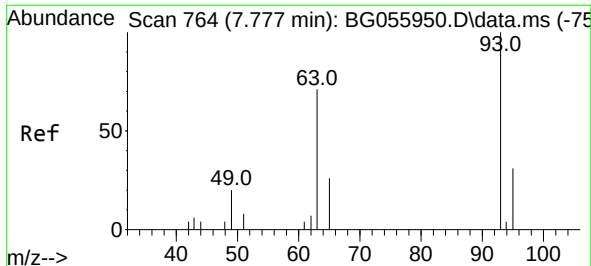


#10
Phenol
Concen: 50.059 ng
RT: 7.526 min Scan# 721
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44



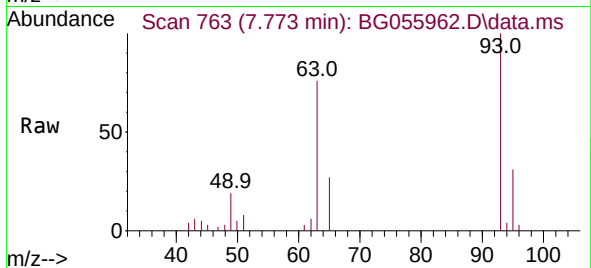
Tgt Ion: 94 Resp: 17598
Ion Ratio Lower Upper
94 100
65 39.2 18.9 58.9
66 63.8 41.5 81.5





#11
bis(2-Chloroethyl)ether
Concen: 46.413 ng
RT: 7.773 min Scan# 764
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

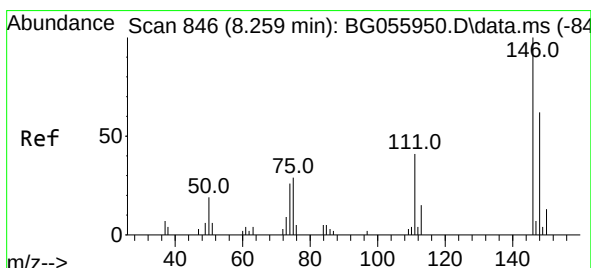
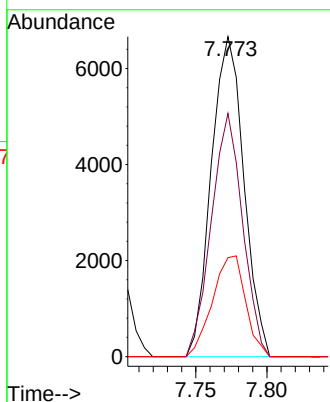
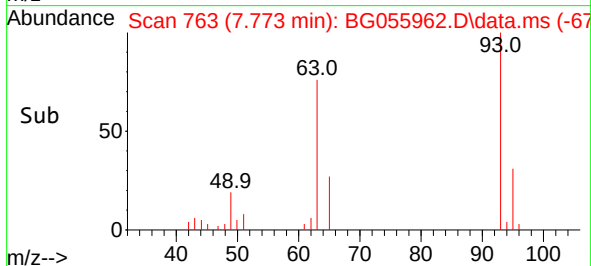
Instrument :
BNA_G
ClientSampleId :
AOC2-B1-W5MSD



Tgt Ion: 93 Resp: 10628
Ion Ratio Lower Upper
93 100
63 76.0 51.4 91.4
95 30.9 11.3 51.3

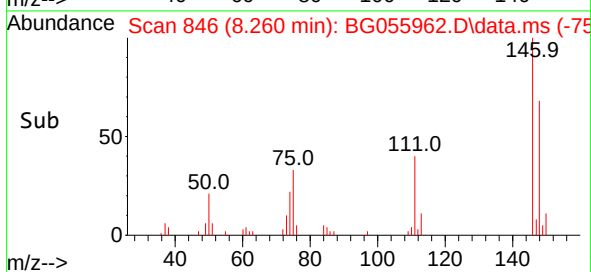
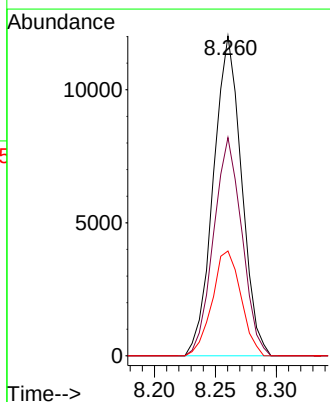
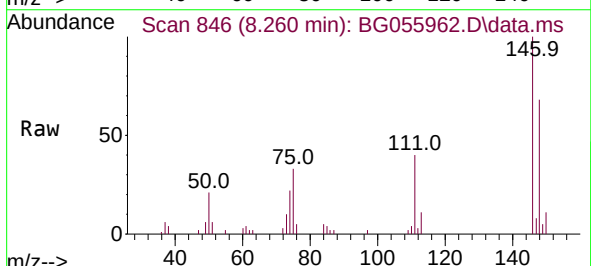
Manual Integrations
APPROVED

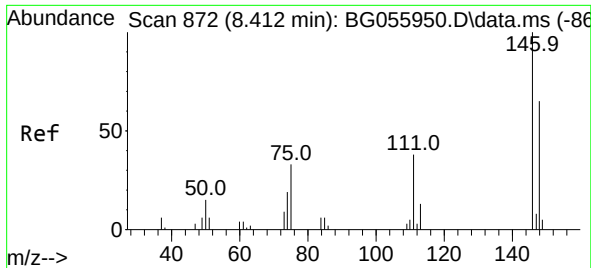
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#12
1,3-Dichlorobenzene
Concen: 46.288 ng
RT: 8.260 min Scan# 846
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

Tgt Ion:146 Resp: 19293
Ion Ratio Lower Upper
146 100
148 68.2 49.7 74.5
75 32.8 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 46.413 ng

RT: 8.407 min Scan# 81

Delta R.T. -0.005 min

Lab File: BG055962.D

Acq: 14 Dec 2022 16:44

Instrument :

BNA_G

ClientSampleId :

AOC2-B1-W5MSD

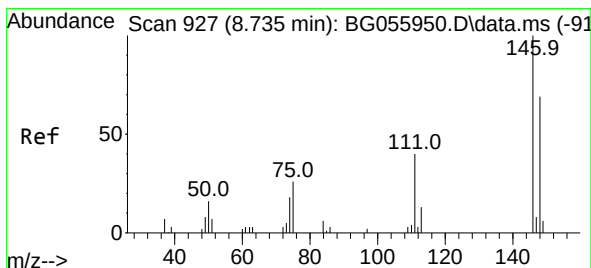
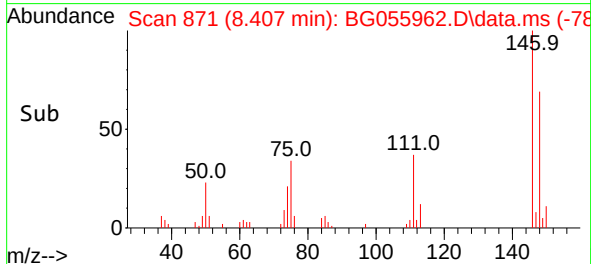
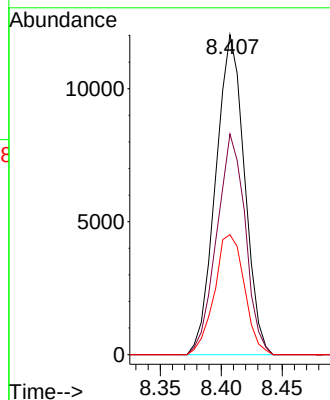
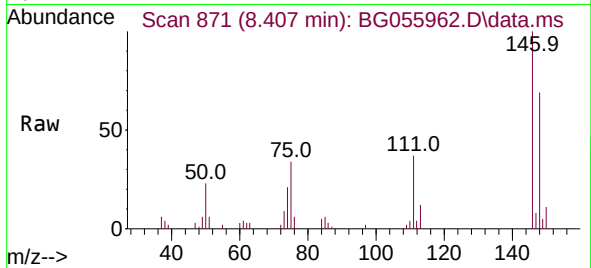
Tgt Ion:146 Resp: 19776

Ion	Ratio	Lower	Upper
146	100		
148	68.9	52.4	78.6
111	37.5	30.6	46.0

Manual Integrations

APPROVED

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



#14

1,2-Dichlorobenzene

Concen: 46.956 ng

RT: 8.730 min Scan# 926

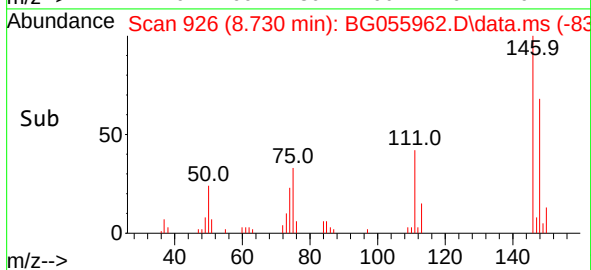
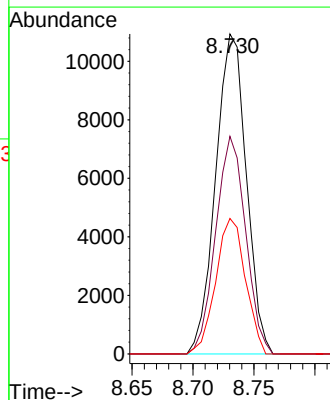
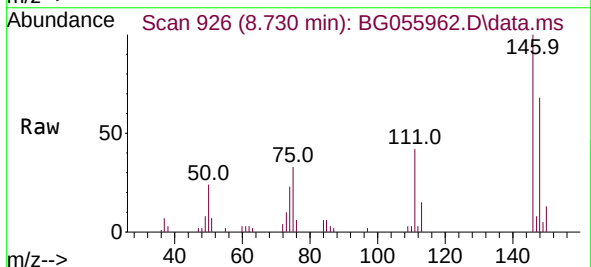
Delta R.T. -0.005 min

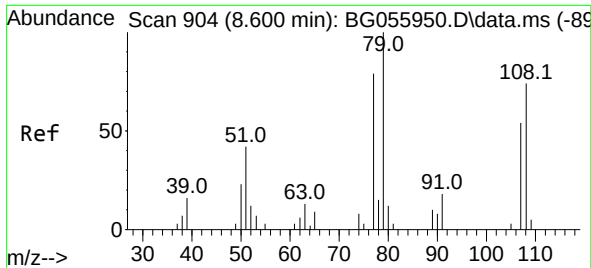
Lab File: BG055962.D

Acq: 14 Dec 2022 16:44

Tgt Ion:146 Resp: 19115

Ion	Ratio	Lower	Upper
146	100		
148	68.0	55.1	82.7
111	42.3	32.4	48.6





#15
Benzyl Alcohol
Concen: 47.915 ng
RT: 8.601 min Scan# 904
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

Instrument :

BNA_G

ClientSampleId :

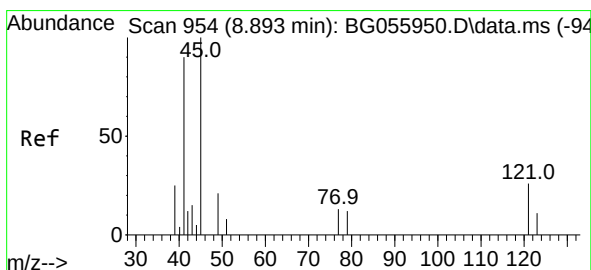
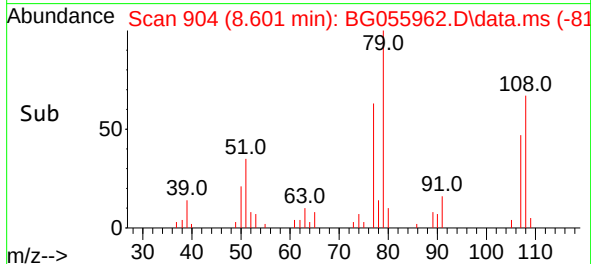
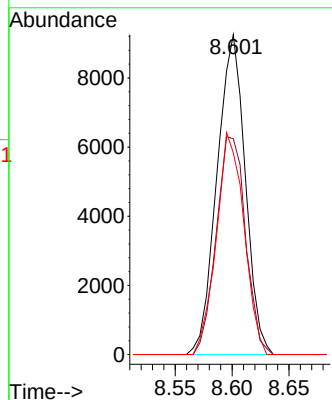
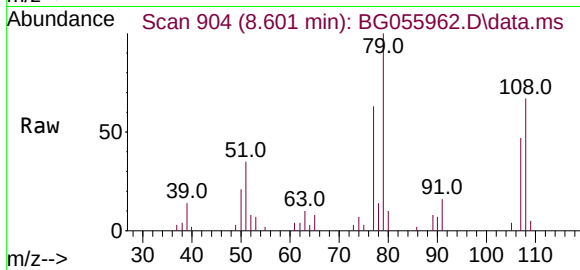
AOC2-B1-W5MSD

Tgt Ion: 79 Resp: 15992
Ion Ratio Lower Upper
79 100
108 67.5 59.5 89.3
77 63.0 63.0 94.6

Manual Integrations

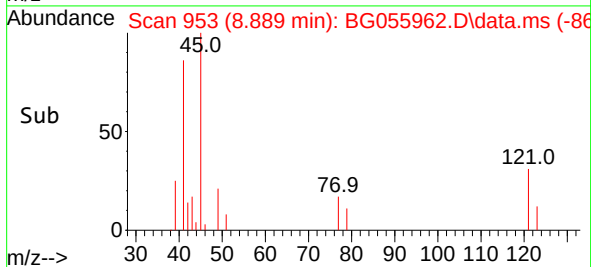
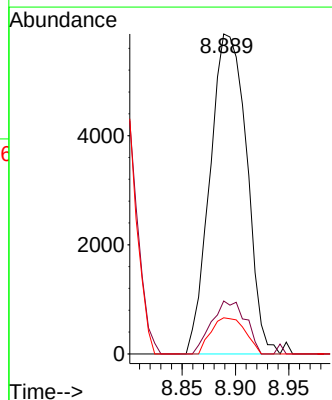
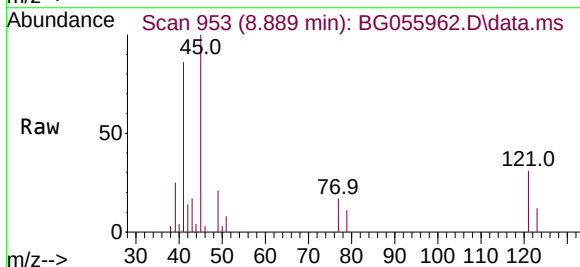
APPROVED

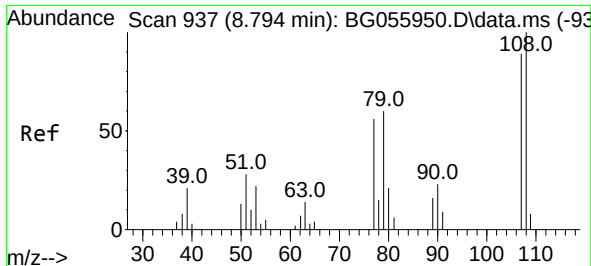
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.938 ng
RT: 8.889 min Scan# 953
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

Tgt Ion: 45 Resp: 13989
Ion Ratio Lower Upper
45 100
77 16.5 0.0 33.4
79 11.3 0.0 31.8





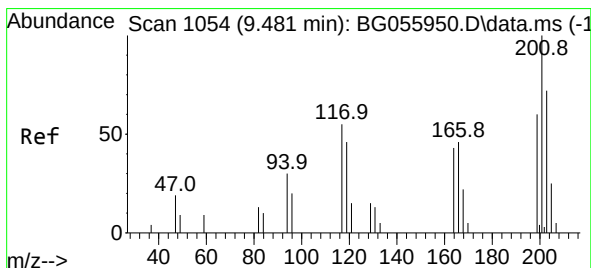
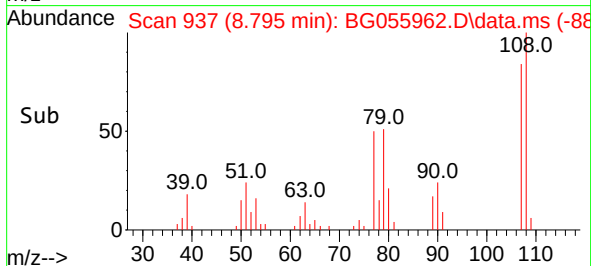
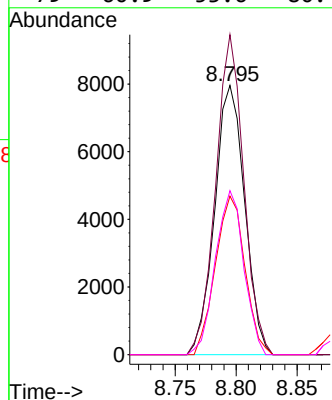
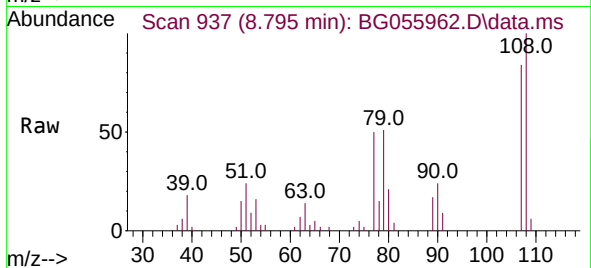
#17
2-Methylphenol
Concen: 49.325 ng
RT: 8.795 min Scan# 937
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

Instrument :
BNA_G
ClientSampleId :
AOC2-B1-W5MSD

Tgt Ion:	107	Resp:	1364
Ion Ratio	Lower	Upper	
107	100		
108	118.9	89.8	134.8
77	58.9	50.2	75.2
79	60.9	53.6	80.4

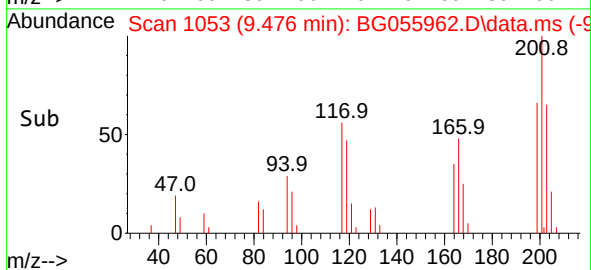
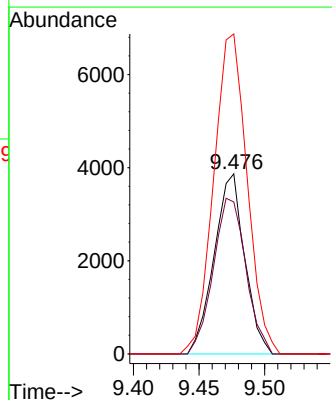
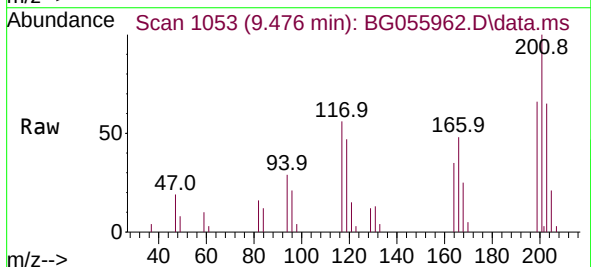
Manual Integrations
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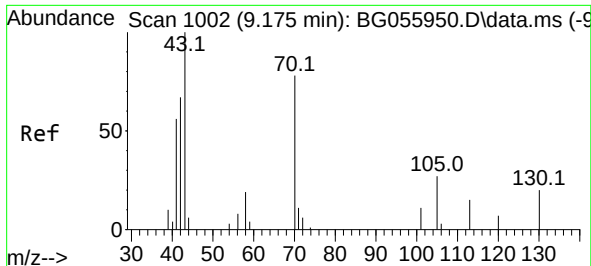
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#18
Hexachloroethane
Concen: 48.469 ng
RT: 9.476 min Scan# 1053
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

Tgt Ion:	117	Resp:	6267
Ion Ratio	Lower	Upper	
117	100		
119	84.3	66.8	100.2
201	183.2	144.6	217.0





#19

n-Nitroso-di-n-propylamine

Concen: 45.366 ng

RT: 9.171 min Scan# 1002

Delta R.T. -0.005 min

Lab File: BG055962.D

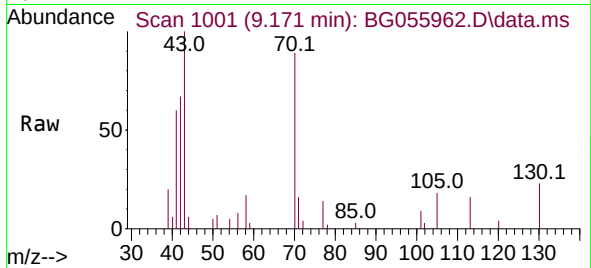
Acq: 14 Dec 2022 16:44

Instrument :

BNA_G

ClientSampleId :

AOC2-B1-W5MSD



Tgt Ion: 70 Resp: 1044

Ion Ratio Lower Upper

70 100

42 76.2 69.0 103.4

101 10.6 11.8 17.8

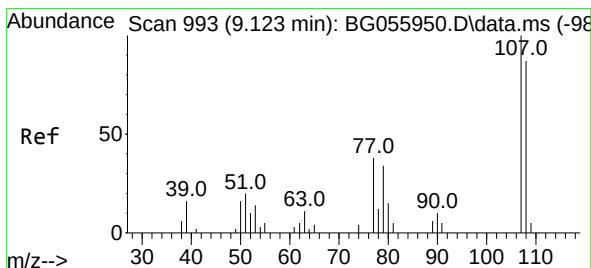
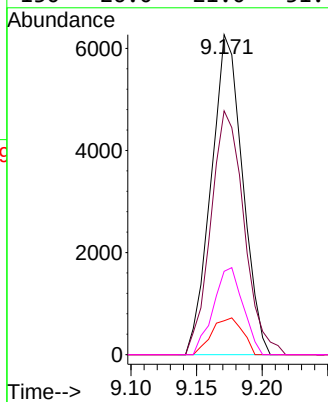
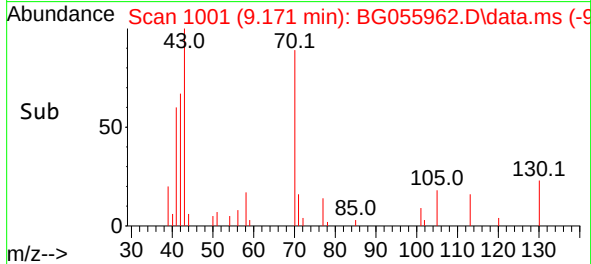
130 26.0 21.0 31.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022

Supervised By :mohammad ahmed 12/16/2022



#20

3+4-Methylphenols

Concen: 47.505 ng

RT: 9.124 min Scan# 993

Delta R.T. 0.001 min

Lab File: BG055962.D

Acq: 14 Dec 2022 16:44

Tgt Ion:107 Resp: 18751

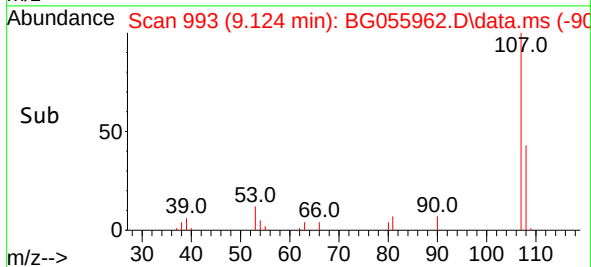
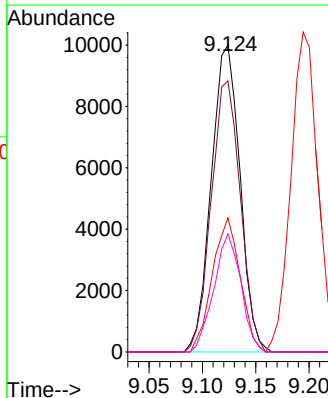
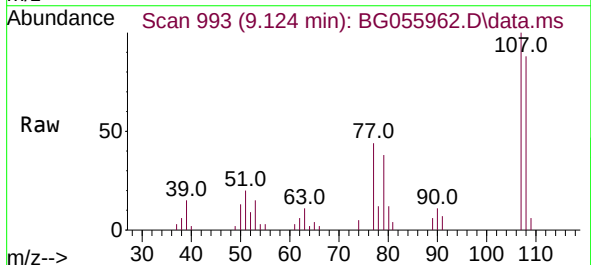
Ion Ratio Lower Upper

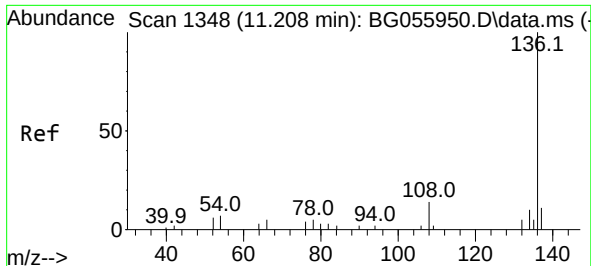
107 100

108 88.3 67.0 107.0

77 43.7 18.3 58.3

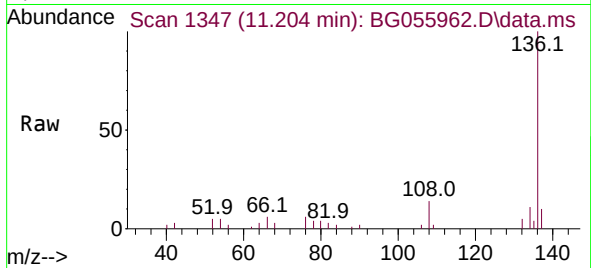
79 38.4 13.5 53.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.204 min Scan# 1348
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

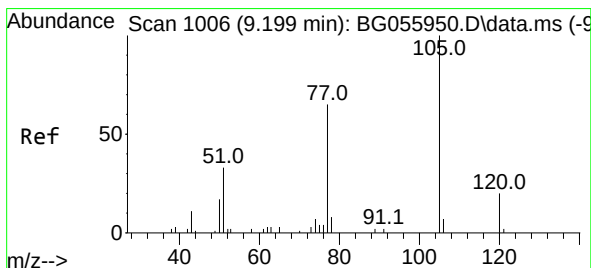
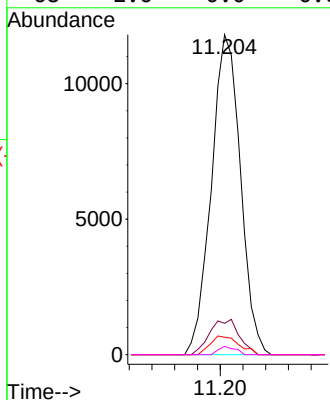
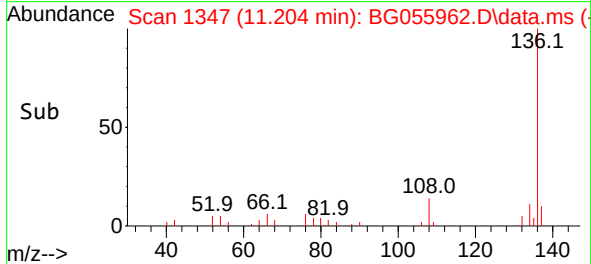
Instrument :
BNA_G
ClientSampleId :
AOC2-B1-W5MSD



Tgt Ion:136 Resp: 20981
Ion Ratio Lower Upper
136 100
137 9.8 9.2 13.8
54 5.4 5.6 8.4
68 2.6 0.0 0.0#

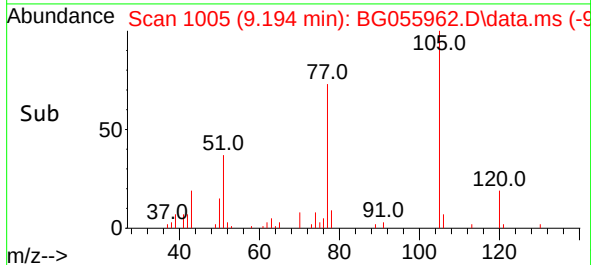
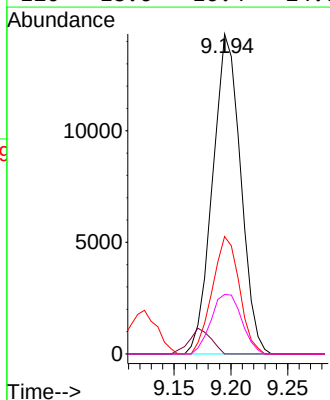
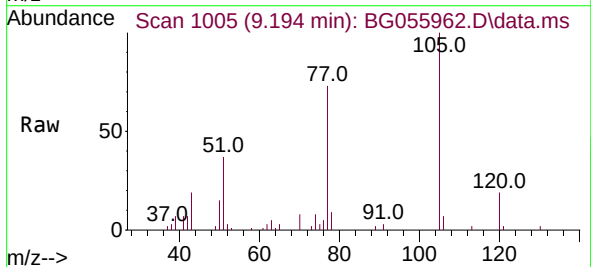
Manual Integrations
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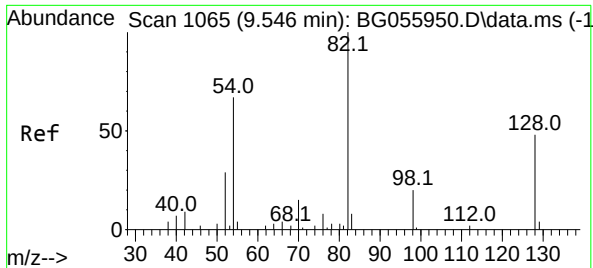
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#22
Acetophenone
Concen: 47.086 ng
RT: 9.194 min Scan# 1005
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

Tgt Ion:105 Resp: 24490
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 36.7 26.7 40.1
120 18.6 16.4 24.6





#23
Nitrobenzene-d5
Concen: 91.978 ng
RT: 9.541 min Scan# 1065
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

Instrument :

BNA_G

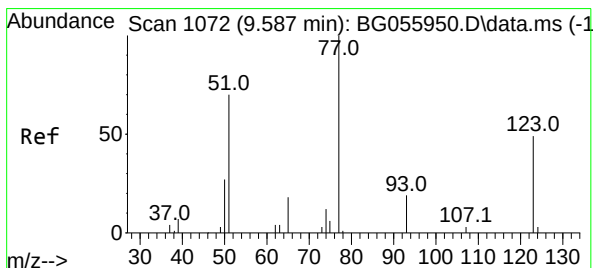
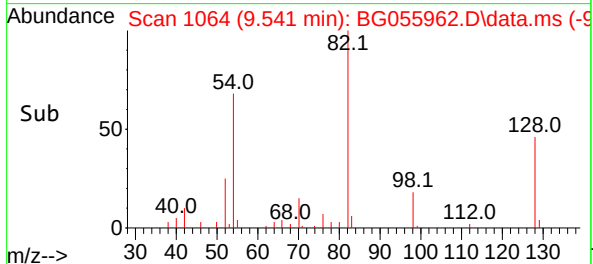
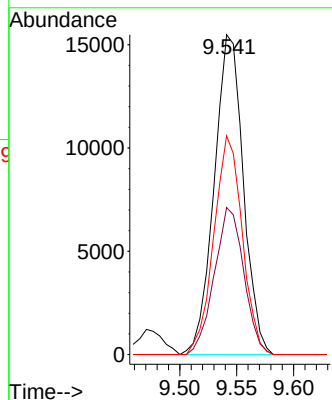
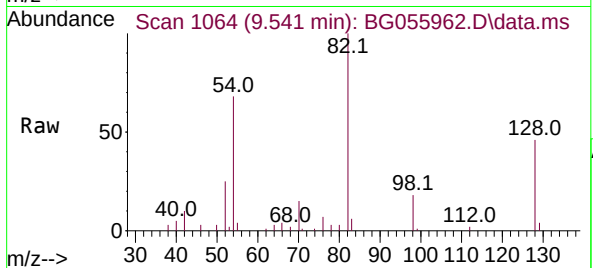
ClientSampleId :

AOC2-B1-W5MSD

Tgt Ion: 82 Resp: 27615
Ion Ratio Lower Upper
82 100
128 46.0 38.4 57.6
54 68.4 53.3 79.9

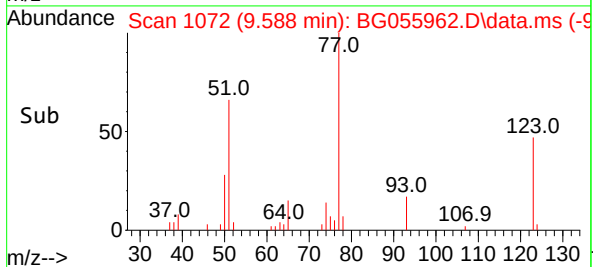
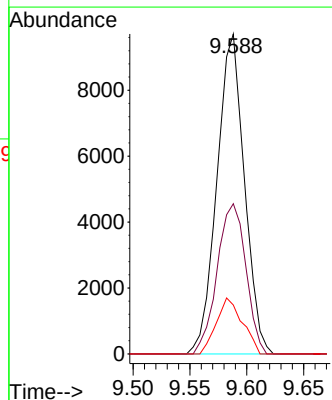
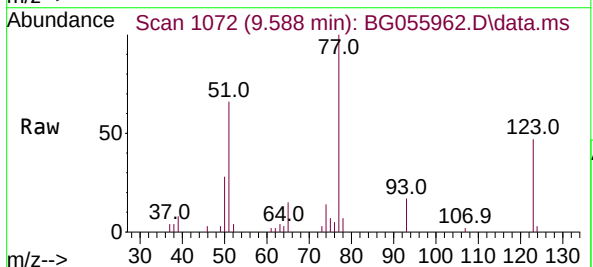
Manual Integrations
APPROVED

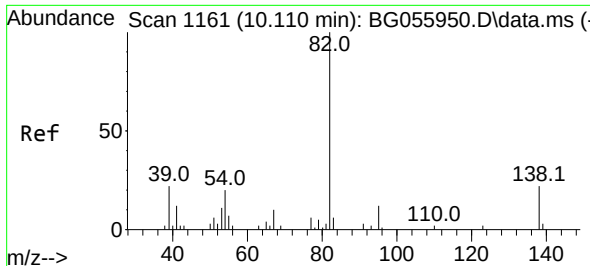
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#24
Nitrobenzene
Concen: 53.838 ng
RT: 9.588 min Scan# 1072
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

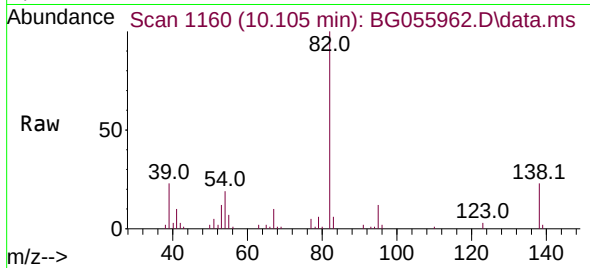
Tgt Ion: 77 Resp: 16270
Ion Ratio Lower Upper
77 100
123 46.9 38.9 58.3
65 15.3 14.7 22.1





#25
Isophorone
Concen: 47.897 ng
RT: 10.105 min Scan# 1160
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

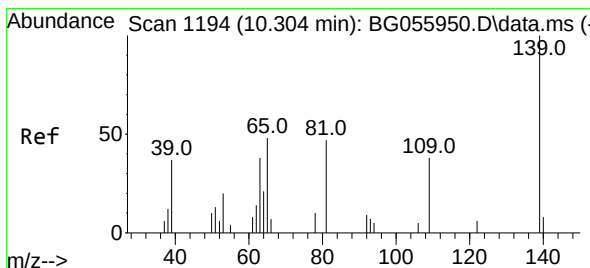
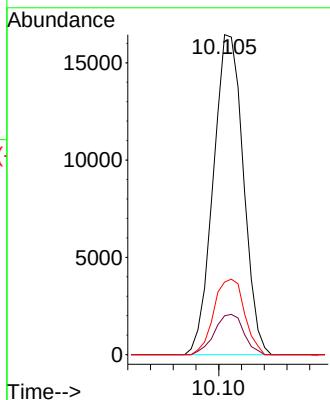
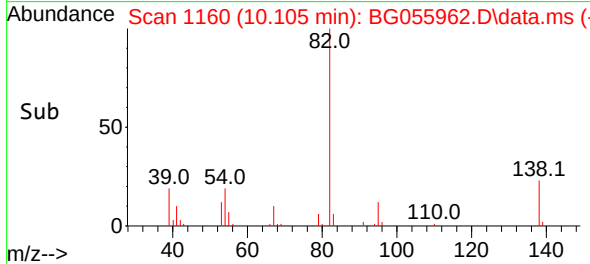
Instrument :
BNA_G
ClientSampleId :
AOC2-B1-W5MSD



Tgt Ion: 82 Resp: 30154
Ion Ratio Lower Upper
82 100
95 12.1 9.4 14.0
138 22.7 17.7 26.5

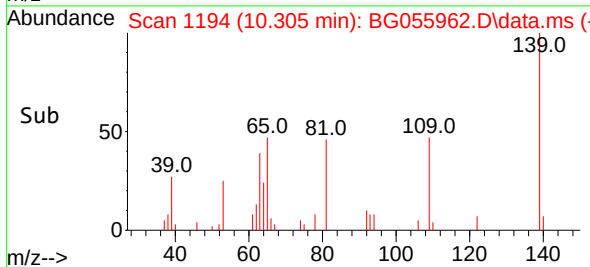
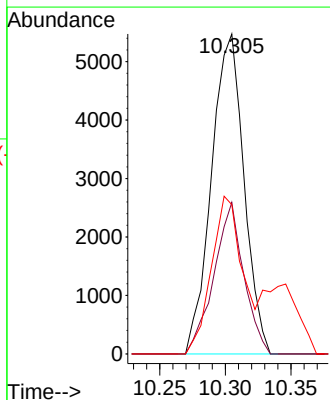
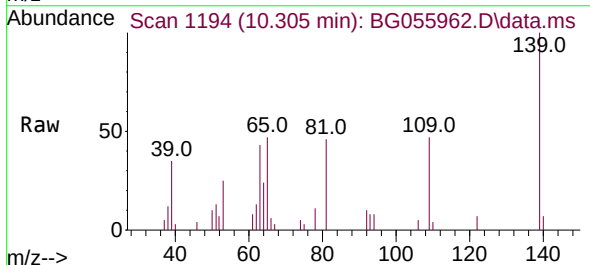
Manual Integrations
APPROVED

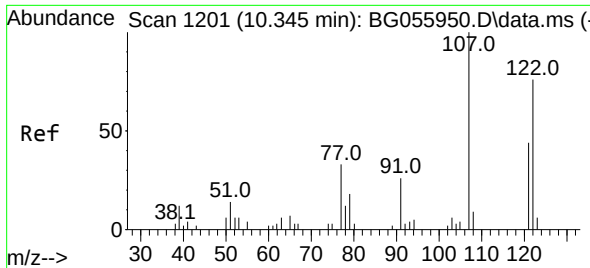
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#26
2-Nitrophenol
Concen: 52.667 ng
RT: 10.305 min Scan# 1194
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

Tgt Ion:139 Resp: 9422
Ion Ratio Lower Upper
139 100
109 47.3 30.7 46.1#
65 46.6 38.8 58.2





#27
2,4-Dimethylphenol
Concen: 58.526 ng m
RT: 10.340 min Scan# 1201
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

Instrument :

BNA_G

ClientSampleId :

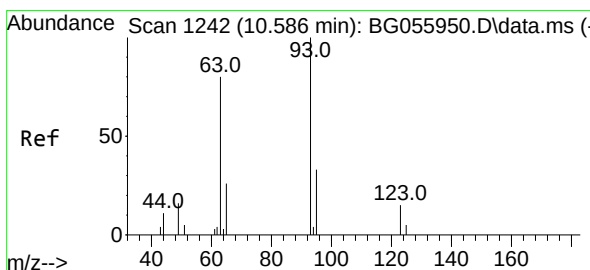
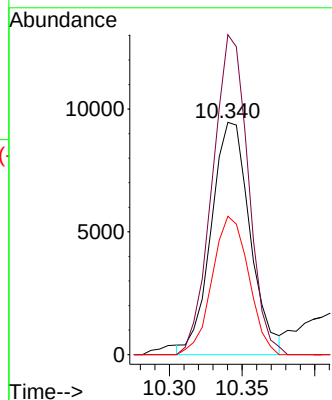
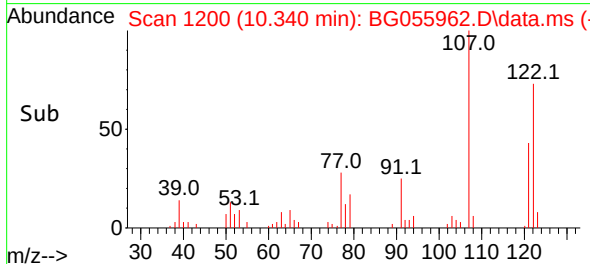
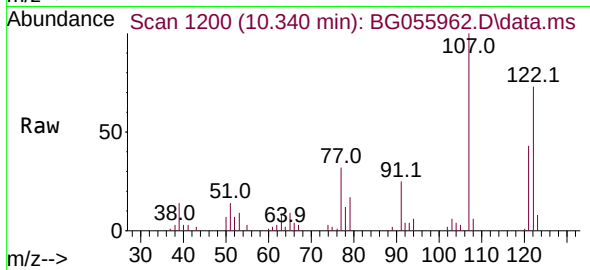
AOC2-B1-W5MSD

Tgt Ion:122 Resp: 17584
Ion Ratio Lower Upper
122 100
107 137.8 105.9 158.9
121 59.6 46.1 69.1

Manual Integrations

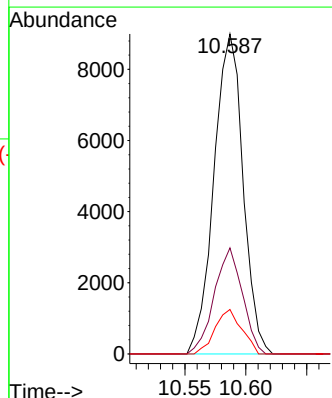
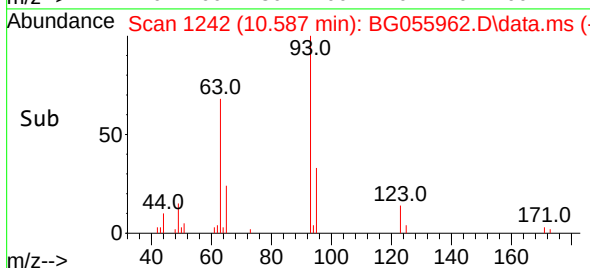
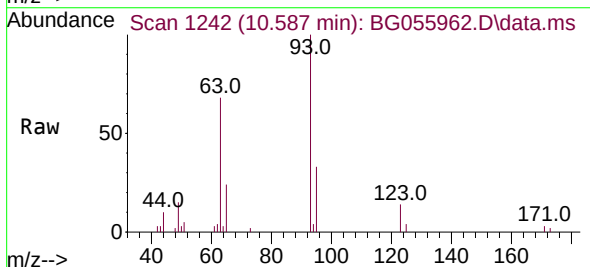
APPROVED

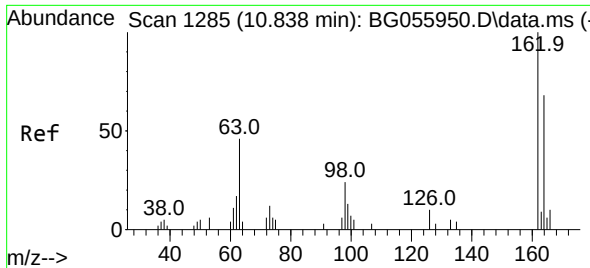
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#28
bis(2-Chloroethoxy)methane
Concen: 53.590 ng
RT: 10.587 min Scan# 1242
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

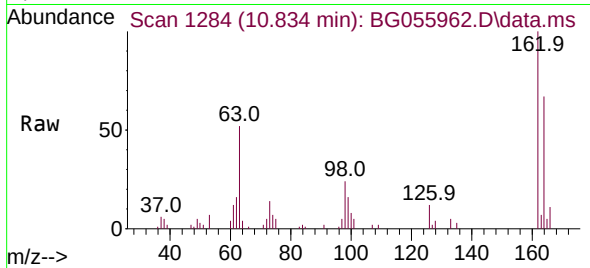
Tgt Ion: 93 Resp: 14911
Ion Ratio Lower Upper
93 100
95 33.1 26.3 39.5
123 13.9 12.2 18.2





#29
2,4-Dichlorophenol
Concen: 52.380 ng
RT: 10.834 min Scan# 1284
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

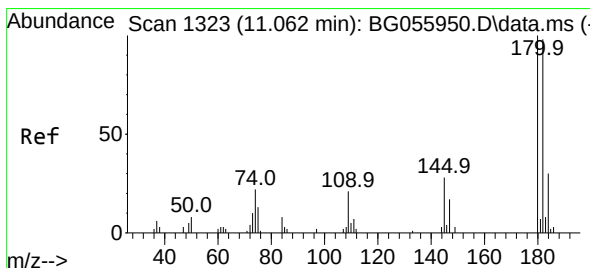
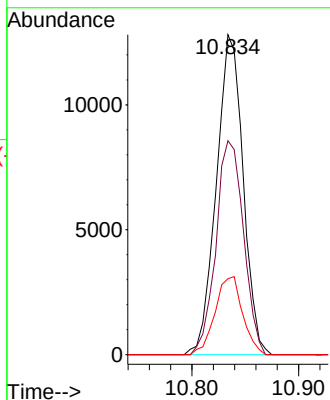
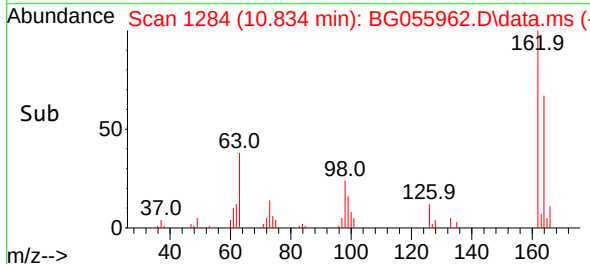
Instrument :
BNA_G
ClientSampleId :
AOC2-B1-W5MSD



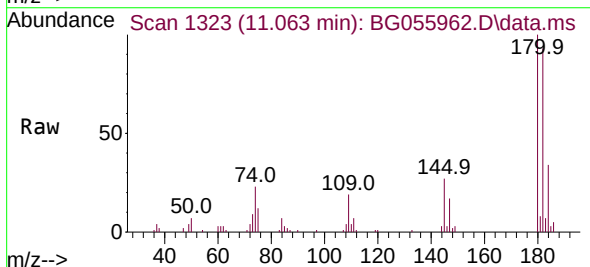
Tgt Ion:162 Resp: 2233
Ion Ratio Lower Upper
162 100
164 66.8 47.5 87.5
98 23.7 4.3 44.3

Manual Integrations
APPROVED

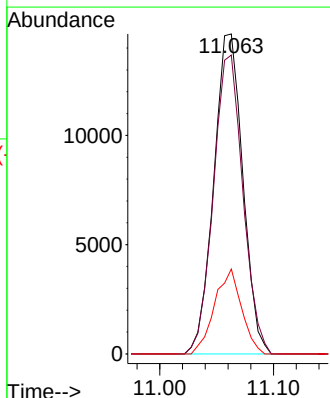
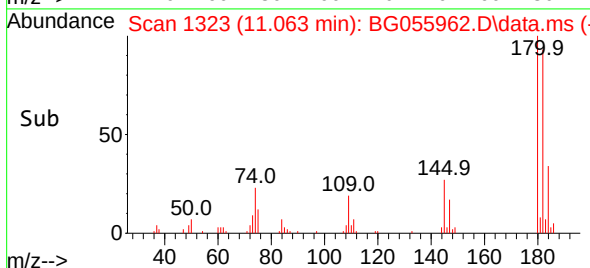
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

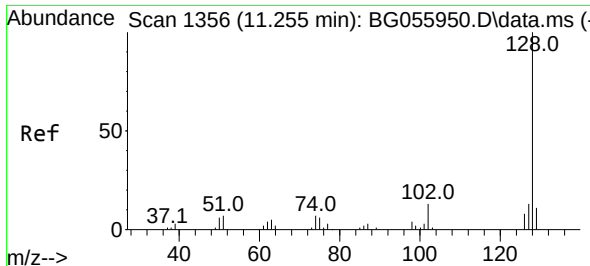


#30
1,2,4-Trichlorobenzene
Concen: 46.942 ng
RT: 11.063 min Scan# 1323
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44



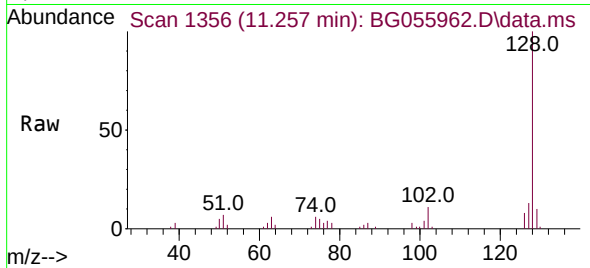
Tgt Ion:180 Resp: 26022
Ion Ratio Lower Upper
180 100
182 93.4 78.1 117.1
145 26.5 22.4 33.6





#31
Naphthalene
Concen: 46.206 ng
RT: 11.257 min Scan# 1356
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

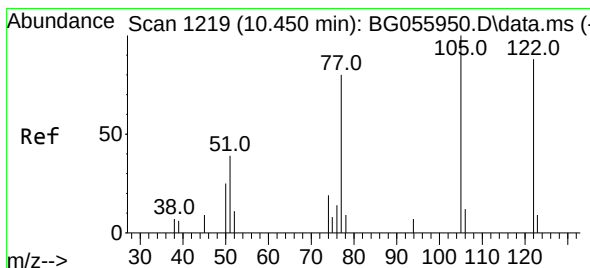
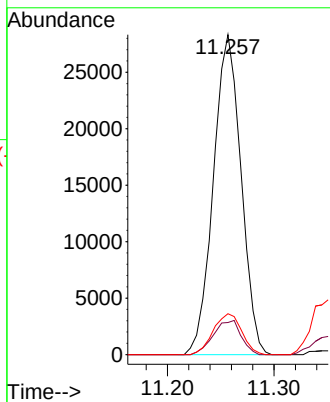
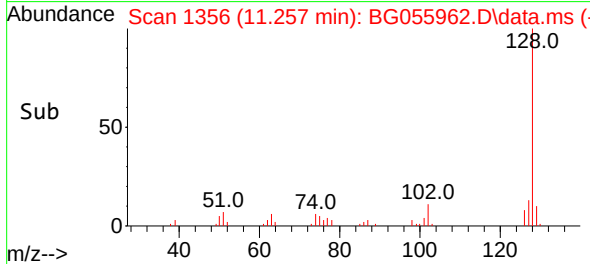
Instrument :
BNA_G
ClientSampleId :
AOC2-B1-W5MSD



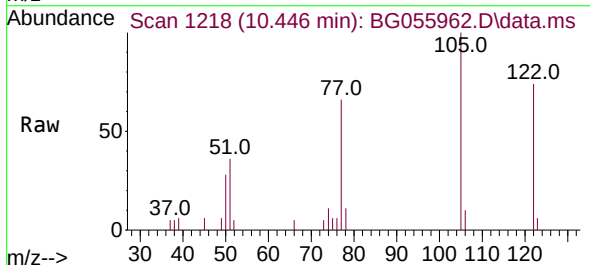
Tgt Ion:128 Resp: 51153
Ion Ratio Lower Upper
128 100
129 10.0 8.7 13.1
127 12.8 10.3 15.5

Manual Integrations
APPROVED

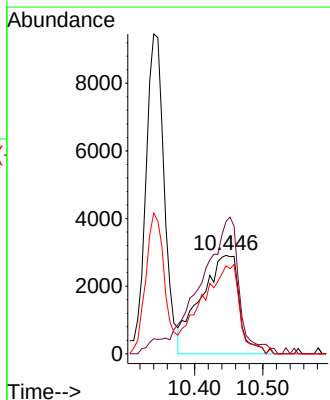
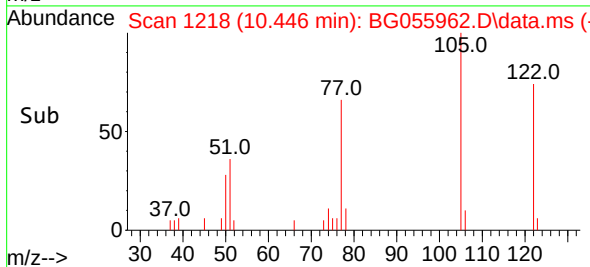
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

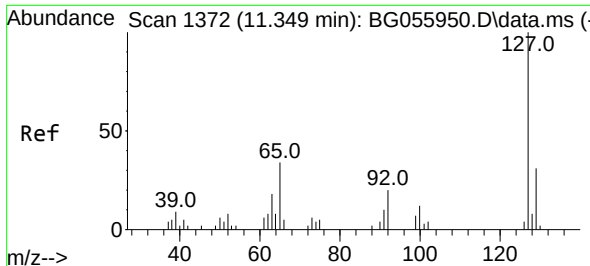


#32
Benzoic acid
Concen: 45.093 ng
RT: 10.446 min Scan# 1218
Delta R.T. -0.004 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44



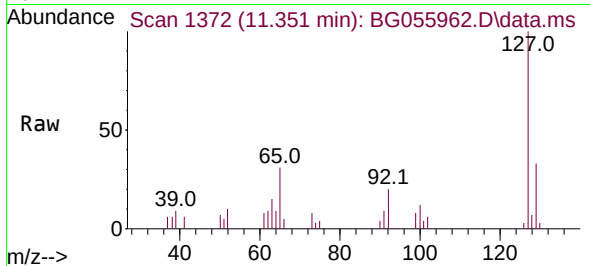
Tgt Ion:122 Resp: 11516
Ion Ratio Lower Upper
122 100
105 134.6 90.6 130.6#
77 89.4 61.0 101.0





#33
4-Chloroaniline
Concen: 19.097 ng
RT: 11.351 min Scan# 1372
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

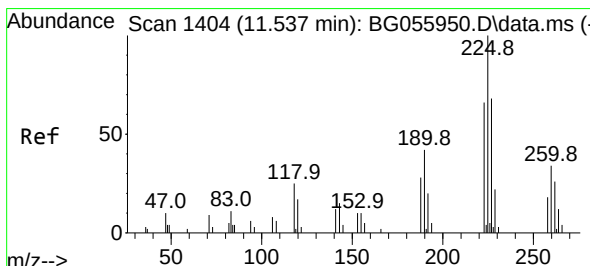
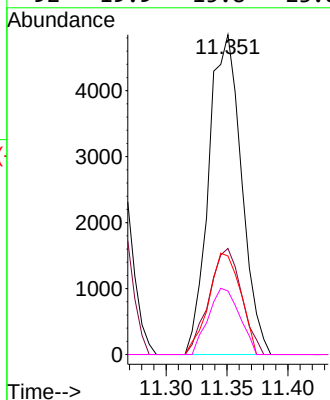
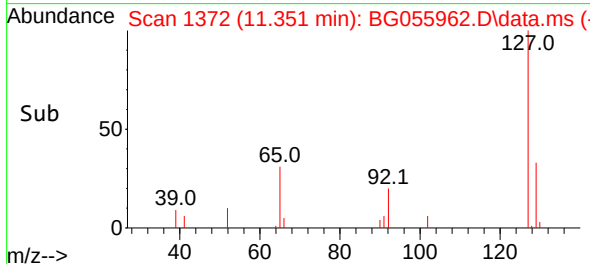
Instrument :
BNA_G
ClientSampleId :
AOC2-B1-W5MSD



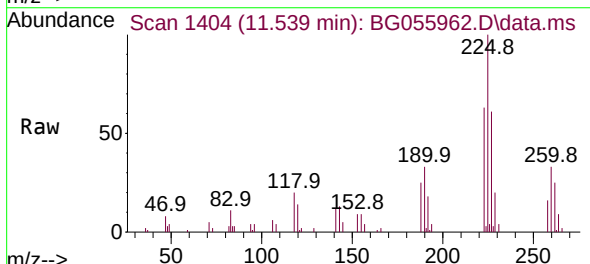
Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.2	24.5	36.7
65	30.8	27.1	40.7
92	19.9	15.8	23.8

Manual Integrations
APPROVED

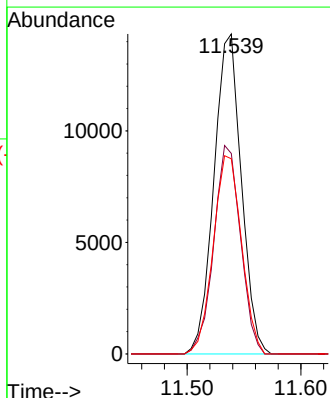
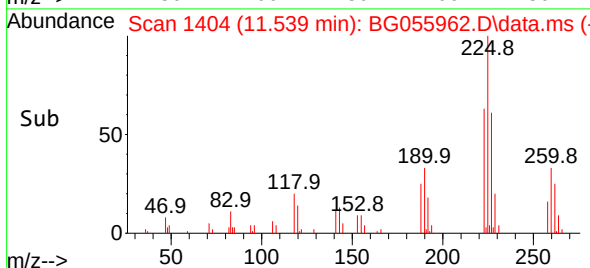
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

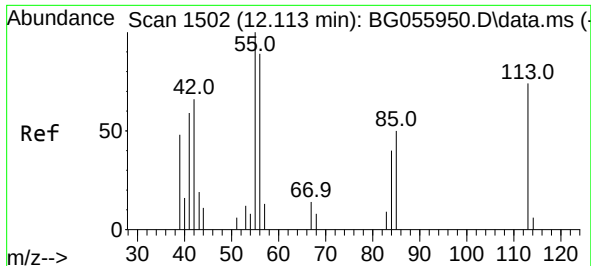


#34
Hexachlorobutadiene
Concen: 46.053 ng
RT: 11.539 min Scan# 1404
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44



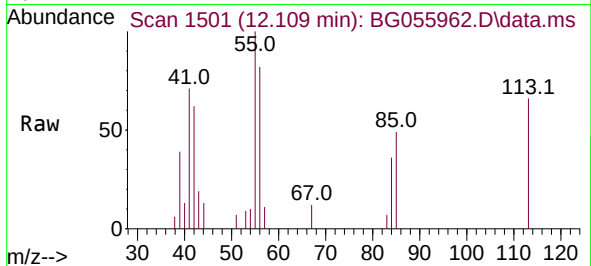
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	53.2	79.8
227	61.0	54.7	82.1





#35
Caprolactam
Concen: 46.695 ng m
RT: 12.109 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

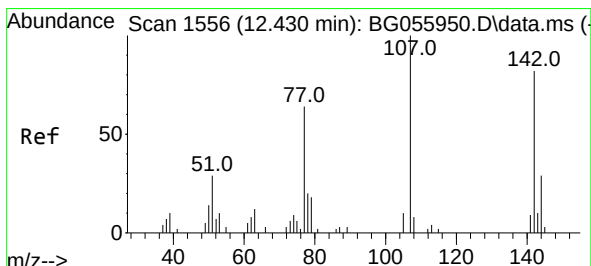
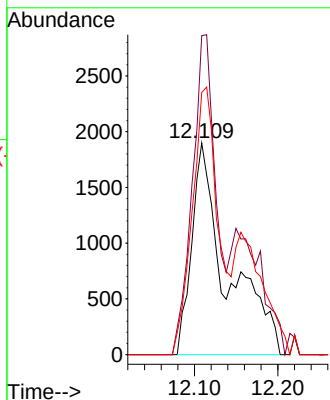
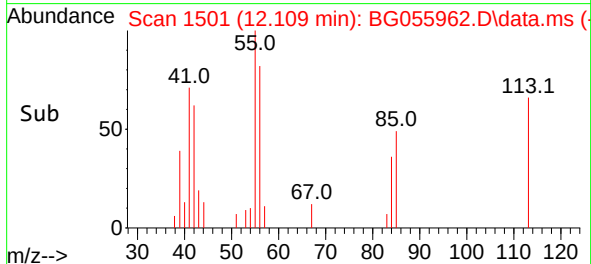
Instrument :
BNA_G
ClientSampleId :
AOC2-B1-W5MSD



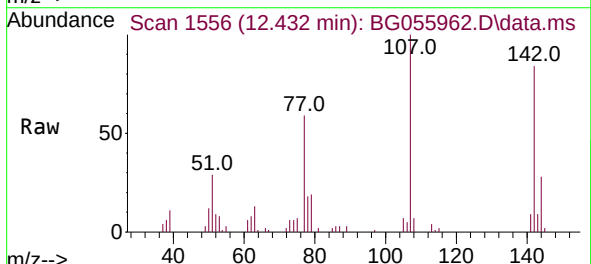
Tgt Ion:113 Resp: 5548
Ion Ratio Lower Upper
113 100
55 150.7 114.8 154.8
56 123.8 99.8 139.8

Manual Integrations
APPROVED

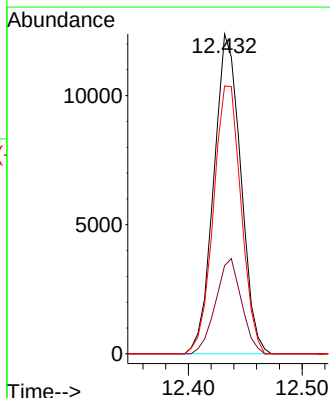
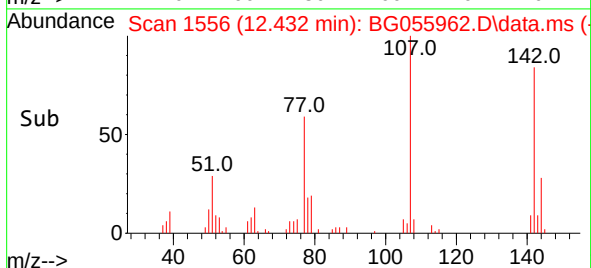
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

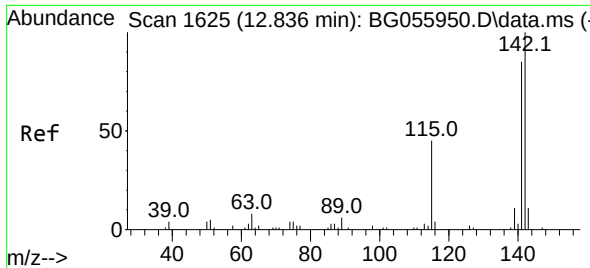


#36
4-Chloro-3-methylphenol
Concen: 50.969 ng
RT: 12.432 min Scan# 1556
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44



Tgt Ion:107 Resp: 20381
Ion Ratio Lower Upper
107 100
144 27.6 23.3 34.9
142 83.7 65.6 98.4





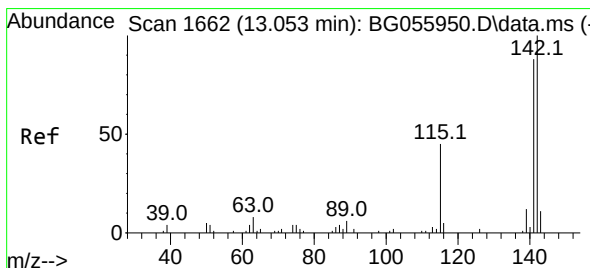
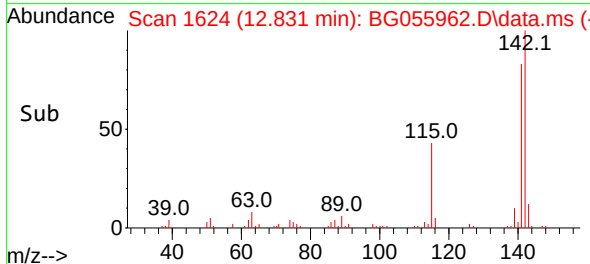
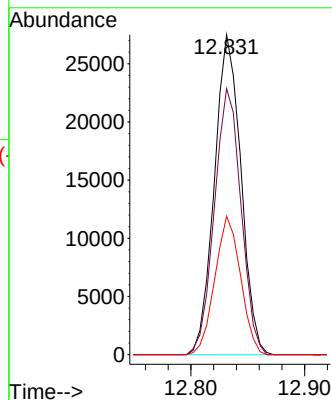
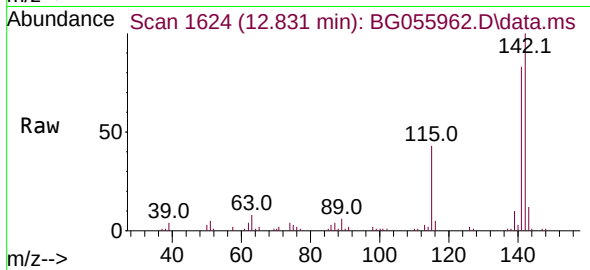
#37
2-Methylnaphthalene
Concen: 45.508 ng
RT: 12.831 min Scan# 1625
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

Instrument :
BNA_G
ClientSampleId :
AOC2-B1-W5MSD

Tgt Ion:142 Resp: 44510
Ion Ratio Lower Upper
142 100
141 83.1 67.8 101.6
115 43.2 35.7 53.5

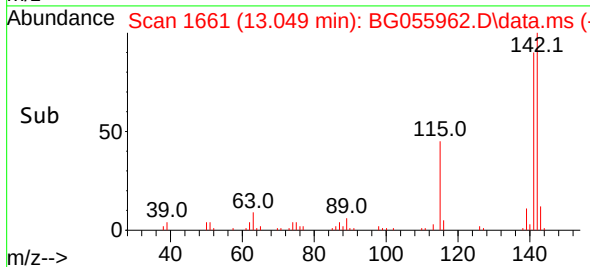
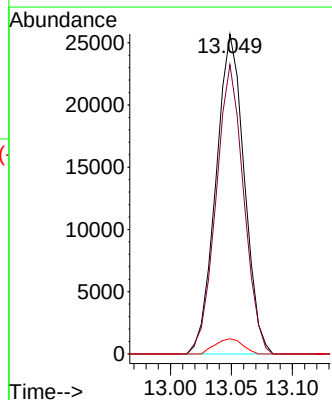
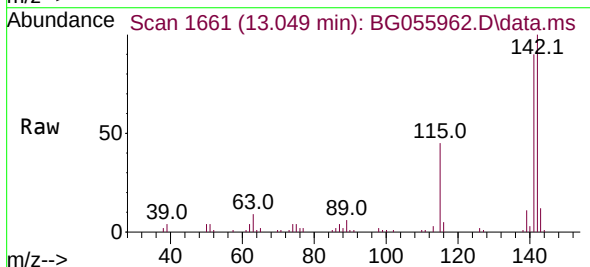
Manual Integrations
APPROVED

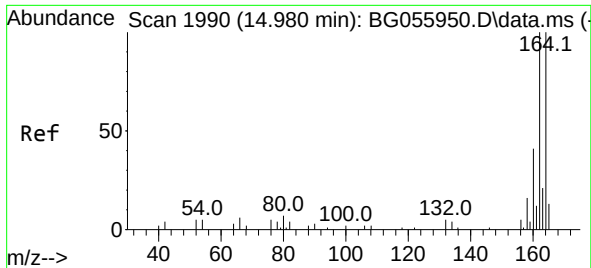
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#38
1-Methylnaphthalene
Concen: 43.494 ng
RT: 13.049 min Scan# 1661
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

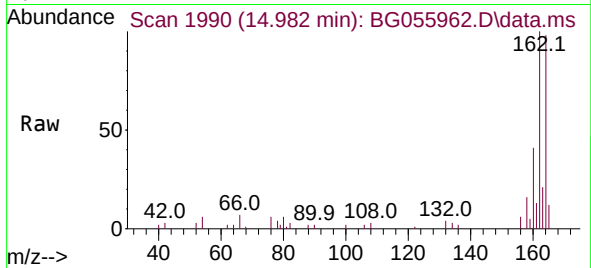
Tgt Ion:142 Resp: 41442
Ion Ratio Lower Upper
142 100
141 90.4 70.2 105.2
116 4.8 3.8 5.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.982 min Scan# 1990
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

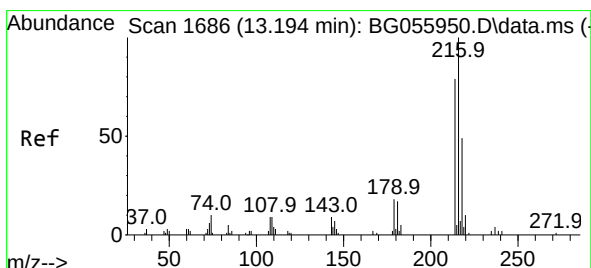
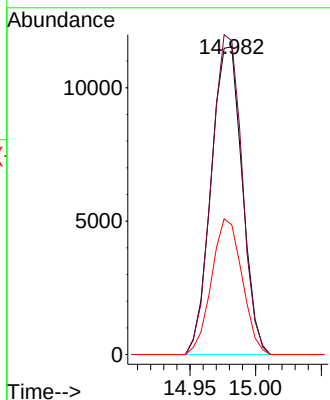
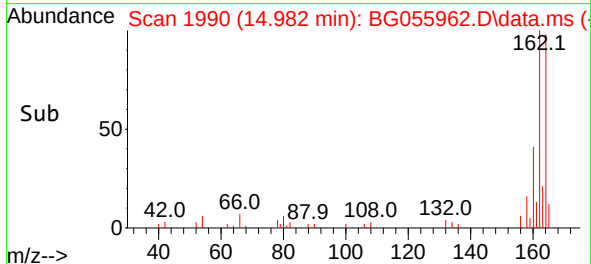
Instrument :
BNA_G
ClientSampleId :
AOC2-B1-W5MSD



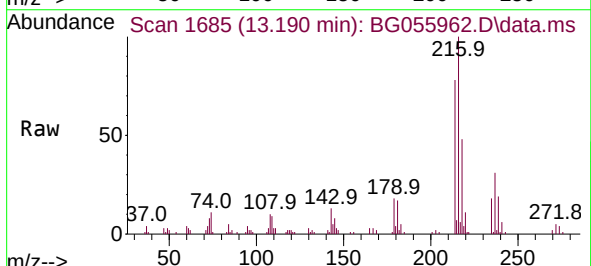
Tgt Ion:164 Resp: 19002
Ion Ratio Lower Upper
164 100
162 102.0 79.8 119.8
160 42.2 33.0 49.4

Manual Integrations
APPROVED

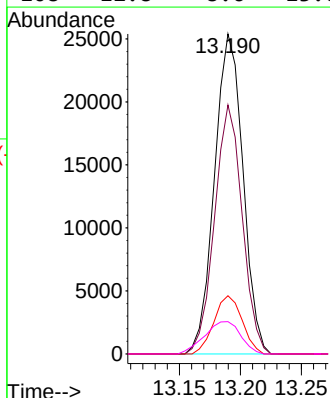
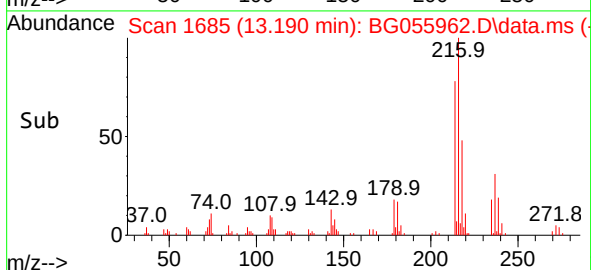
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

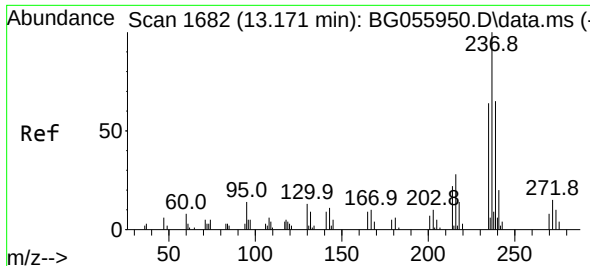


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.392 ng
RT: 13.190 min Scan# 1685
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44



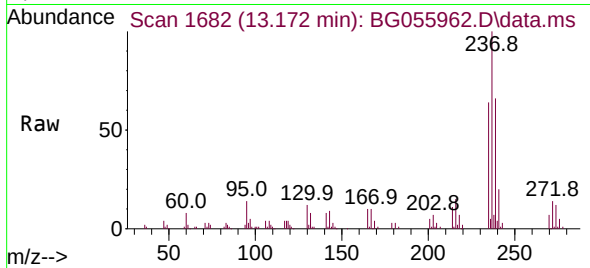
Tgt Ion:216 Resp: 41202
Ion Ratio Lower Upper
216 100
214 75.5 61.5 92.3
179 17.9 14.6 21.8
108 12.8 8.6 13.0





#41
Hexachlorocyclopentadiene
Concen: 131.340 ng
RT: 13.172 min Scan# 1682
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

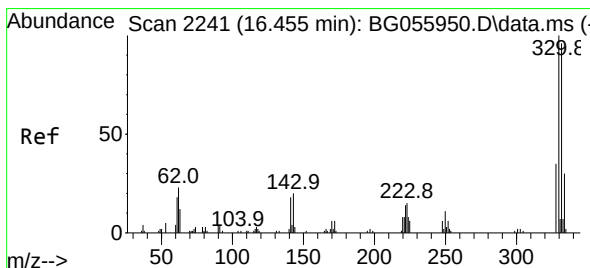
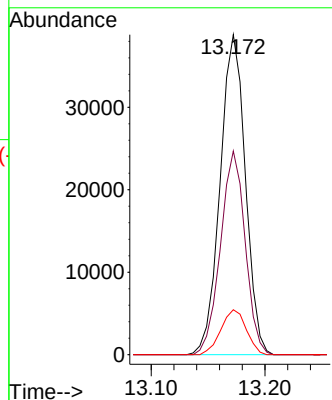
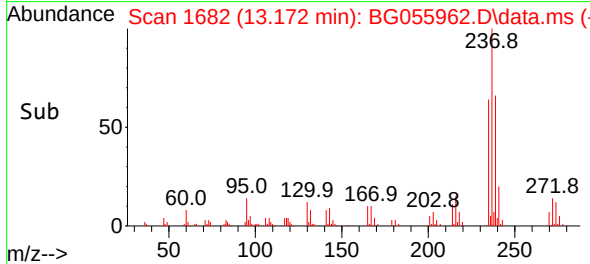
Instrument :
BNA_G
ClientSampleId :
AOC2-B1-W5MSD



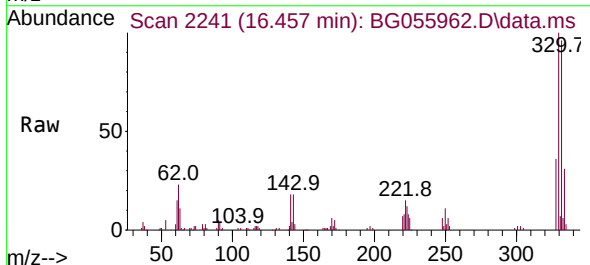
Tgt Ion:237 Resp: 5973
Ion Ratio Lower Upper
237 100
235 63.6 43.7 83.7
272 14.0 0.0 35.1

Manual Integrations
APPROVED

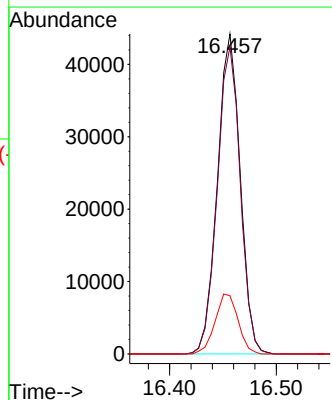
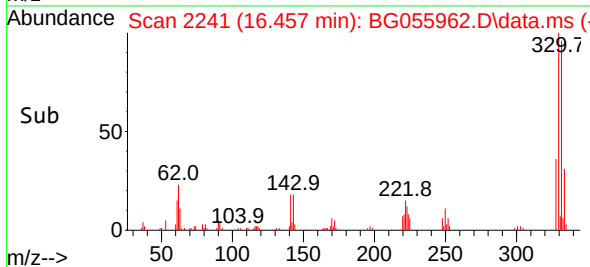
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

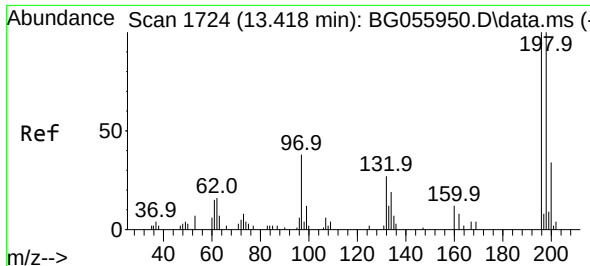


#42
2,4,6-Tribromophenol
Concen: 143.882 ng
RT: 16.457 min Scan# 2241
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44



Tgt Ion:330 Resp: 65926
Ion Ratio Lower Upper
330 100
332 96.7 76.6 114.8
141 18.8 15.0 22.4





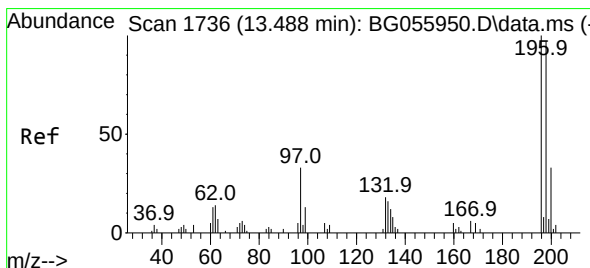
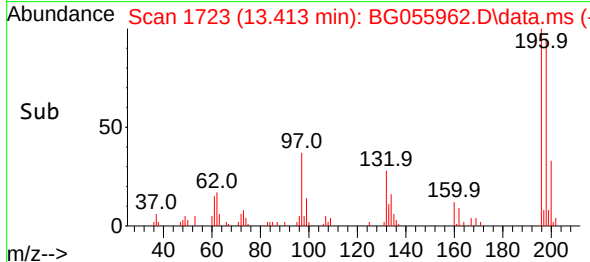
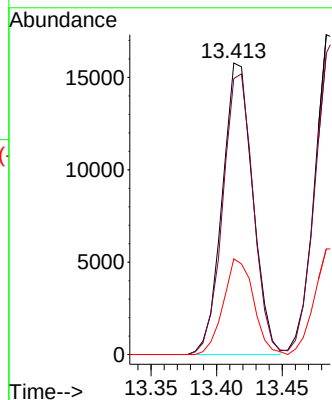
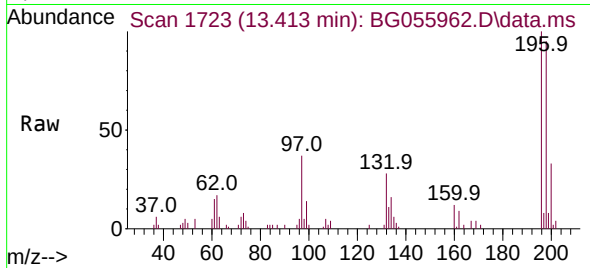
#43
2,4,6-Trichlorophenol
Concen: 53.746 ng
RT: 13.413 min Scan# 1724
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

Instrument :
BNA_G
ClientSampleId :
AOC2-B1-W5MSD

Tgt Ion:196 Resp: 2550
Ion Ratio Lower Upper
196 100
198 94.7 80.2 120.4
200 32.8 27.6 41.4

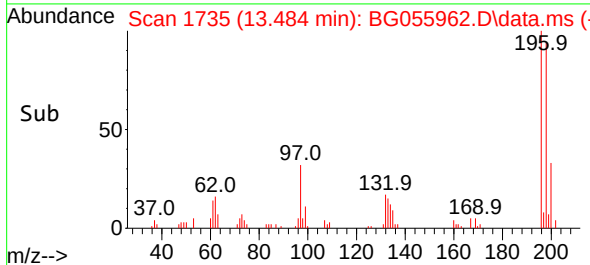
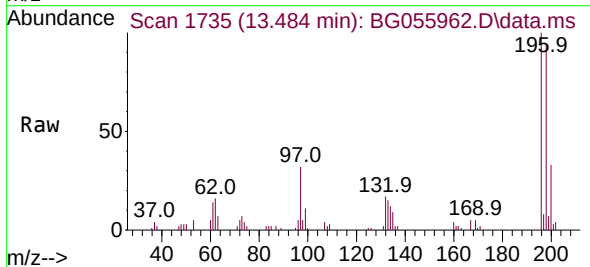
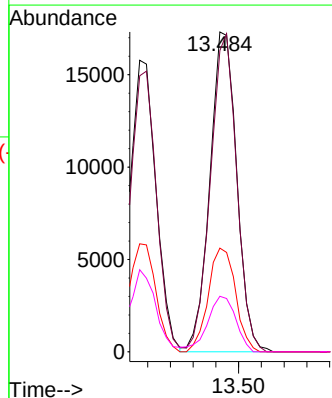
Manual Integrations
APPROVED

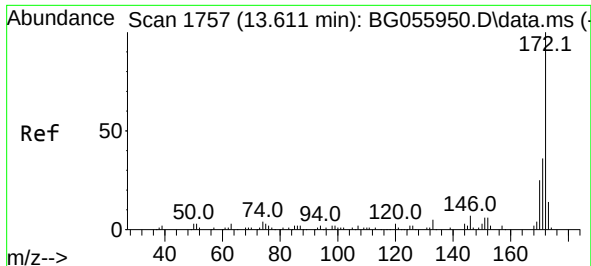
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#44
2,4,5-Trichlorophenol
Concen: 53.234 ng
RT: 13.484 min Scan# 1735
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

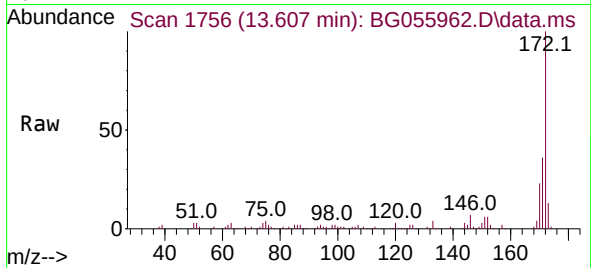
Tgt Ion:196 Resp: 28479
Ion Ratio Lower Upper
196 100
198 94.2 78.0 117.0
97 32.4 26.0 39.0
132 17.4 14.5 21.7





#45
2-Fluorobiphenyl
Concen: 88.230 ng
RT: 13.607 min Scan# 1756
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

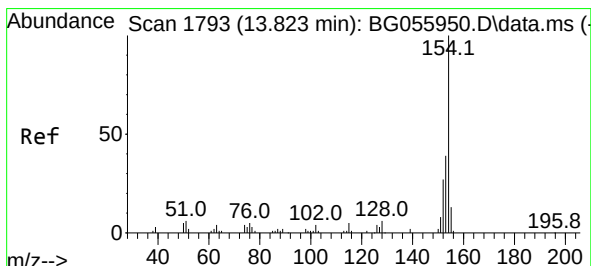
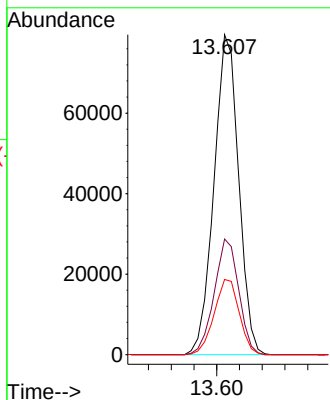
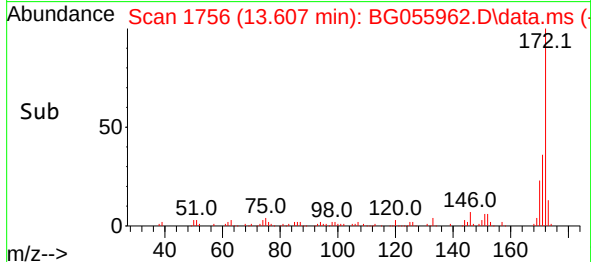
Instrument :
BNA_G
ClientSampleId :
AOC2-B1-W5MSD



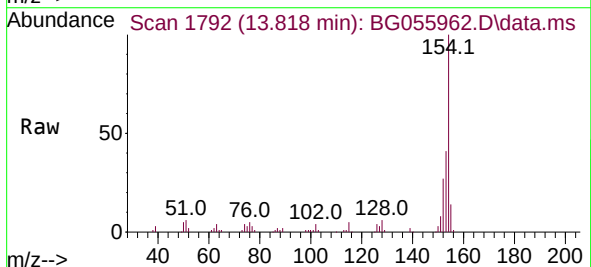
Tgt Ion:172 Resp: 119541
Ion Ratio Lower Upper
172 100
171 36.1 28.6 42.8
170 23.5 19.9 29.9

Manual Integrations
APPROVED

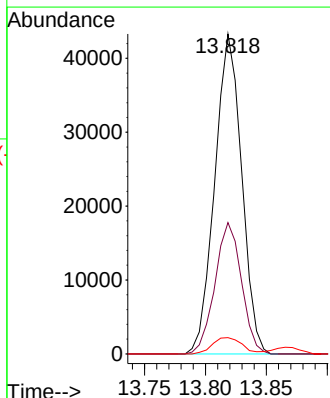
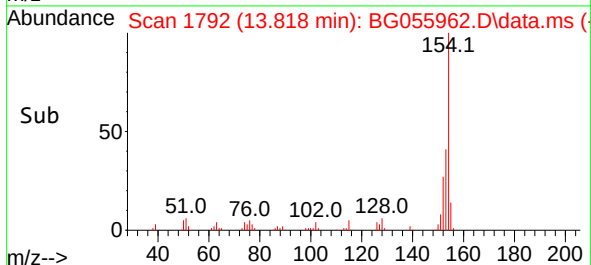
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

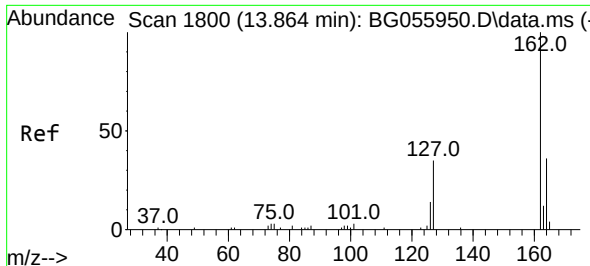


#46
1,1'-Biphenyl
Concen: 51.497 ng
RT: 13.818 min Scan# 1792
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44



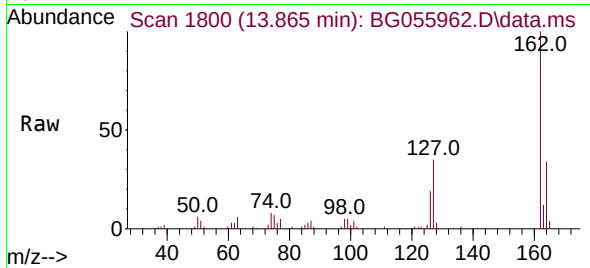
Tgt Ion:154 Resp: 66328
Ion Ratio Lower Upper
154 100
153 41.0 19.5 59.5
76 5.1 0.0 25.5





#47
2-Chloronaphthalene
Concen: 49.216 ng
RT: 13.865 min Scan# 1800
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

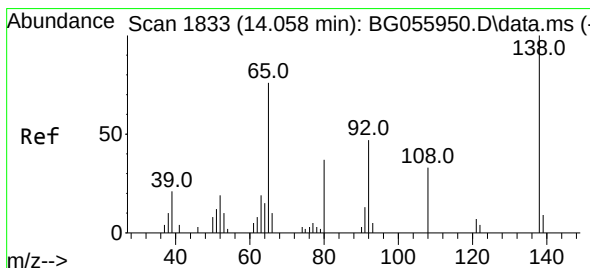
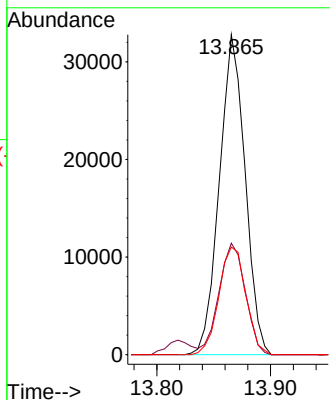
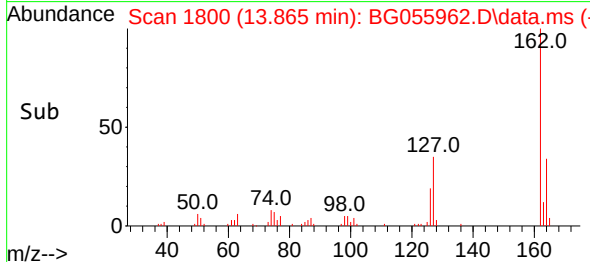
Instrument :
BNA_G
ClientSampleId :
AOC2-B1-W5MSD



Tgt Ion:162 Resp: 51507
Ion Ratio Lower Upper
162 100
127 34.8 31.0 46.4
164 33.6 28.6 42.8

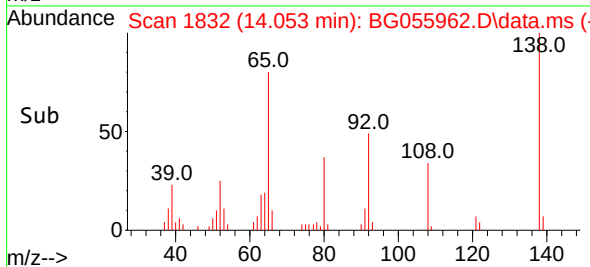
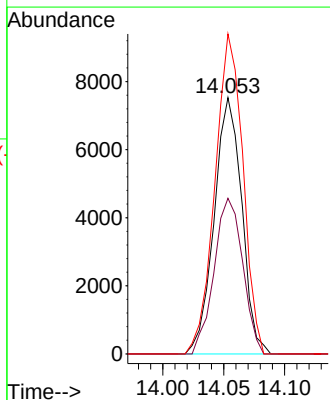
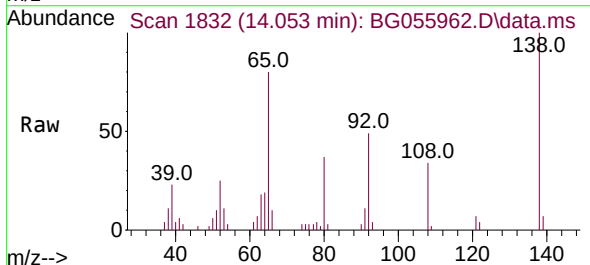
Manual Integrations
APPROVED

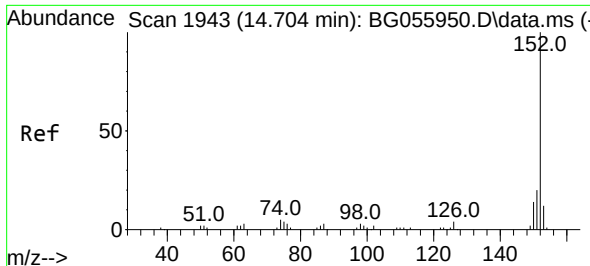
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#48
2-Nitroaniline
Concen: 56.981 ng
RT: 14.053 min Scan# 1832
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

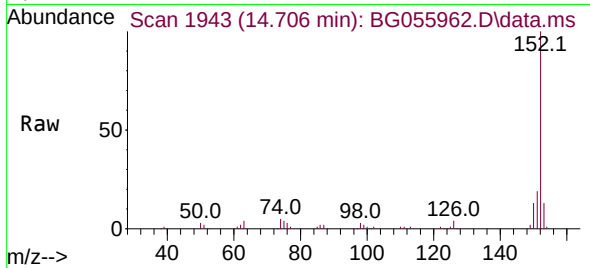
Tgt Ion: 65 Resp: 11871
Ion Ratio Lower Upper
65 100
92 60.7 49.7 74.5
138 124.9 105.0 157.6





#49
Acenaphthylene
Concen: 49.884 ng
RT: 14.706 min Scan# 1943
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

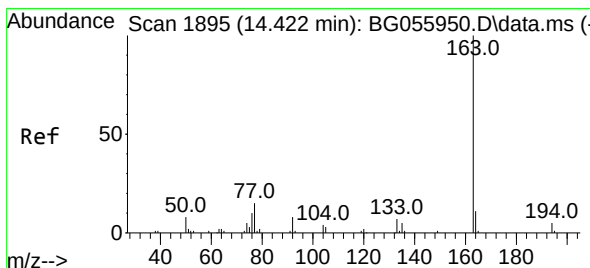
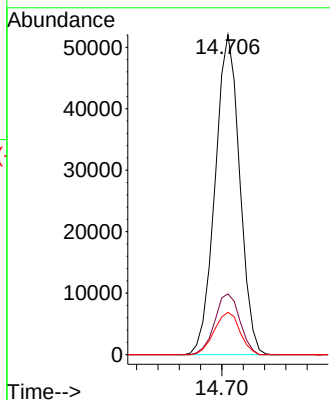
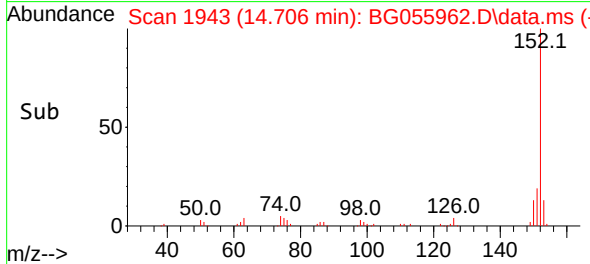
Instrument :
BNA_G
ClientSampleId :
AOC2-B1-W5MSD



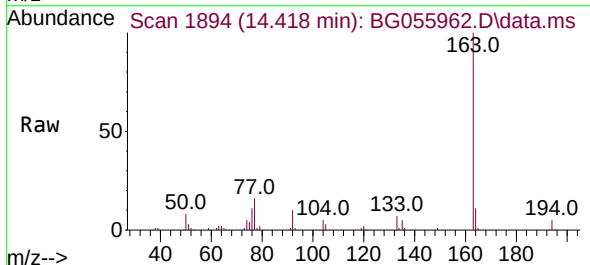
Tgt Ion:152 Resp: 83331
Ion Ratio Lower Upper
152 100
151 19.0 15.8 23.8
153 13.2 10.0 15.0

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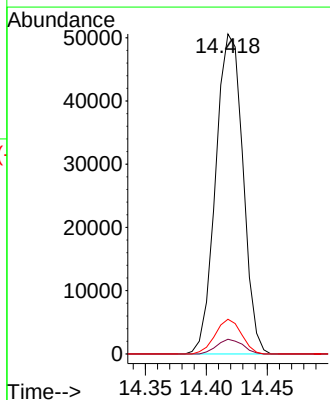
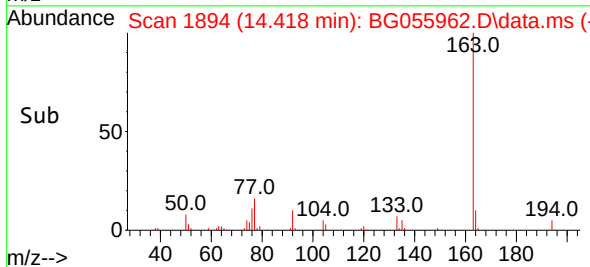
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

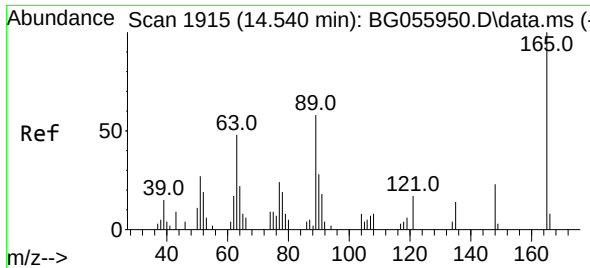


#50
Dimethylphthalate
Concen: 47.885 ng
RT: 14.418 min Scan# 1894
Delta R.T. -0.004 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44



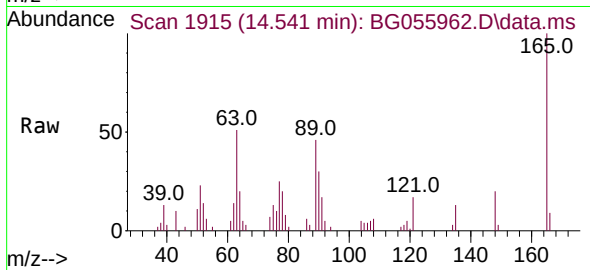
Tgt Ion:163 Resp: 78667
Ion Ratio Lower Upper
163 100
194 4.6 3.8 5.6
164 10.8 8.6 13.0





#51
2,6-Dinitrotoluene
Concen: 59.766 ng
RT: 14.541 min Scan# 1915
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

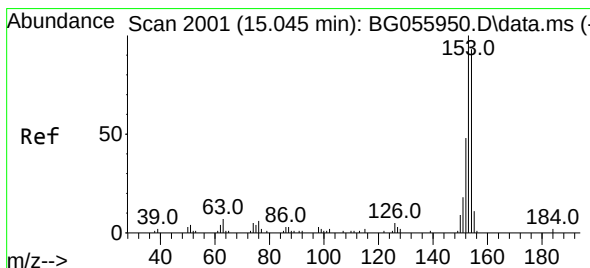
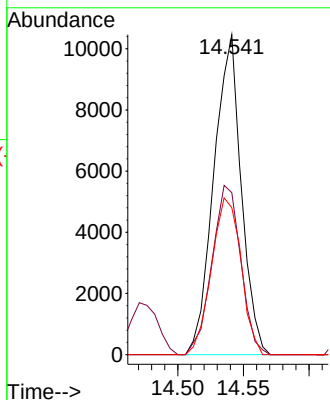
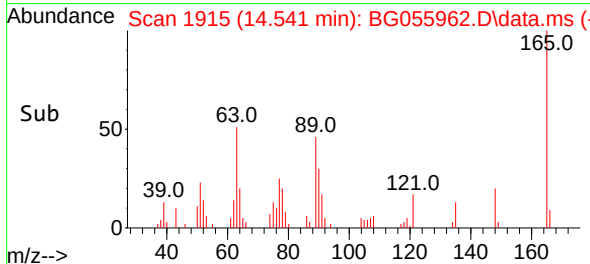
Instrument :
BNA_G
ClientSampleId :
AOC2-B1-W5MSD



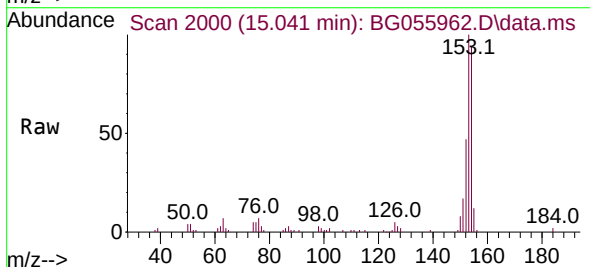
Tgt Ion:165 Resp: 15194
Ion Ratio Lower Upper
165 100
63 50.6 38.3 57.5
89 45.9 46.3 69.5

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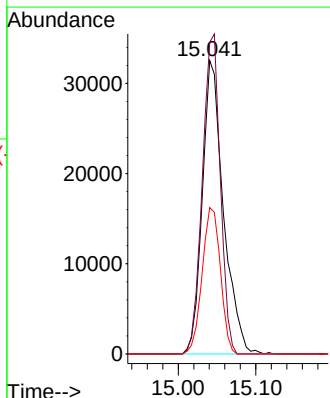
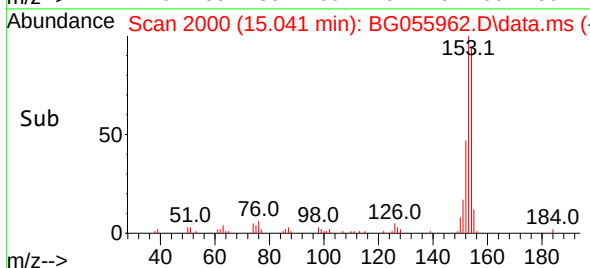
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

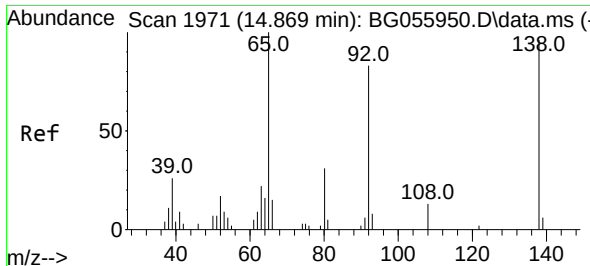


#52
Acenaphthene
Concen: 54.933 ng
RT: 15.041 min Scan# 2000
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44



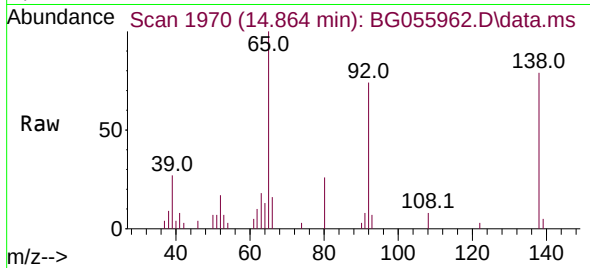
Tgt Ion:154 Resp: 61606
Ion Ratio Lower Upper
154 100
153 106.2 86.2 129.2
152 49.9 41.4 62.0





#53
3-Nitroaniline
Concen: 27.329 ng
RT: 14.864 min Scan# 1971
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

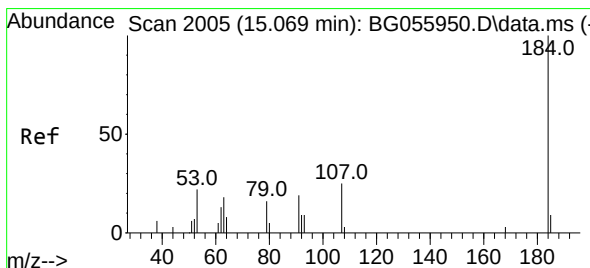
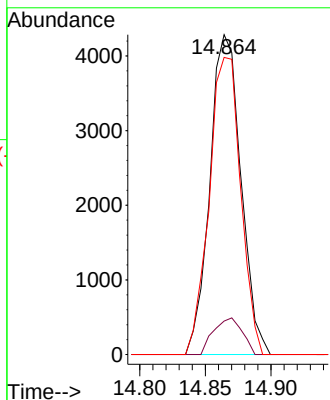
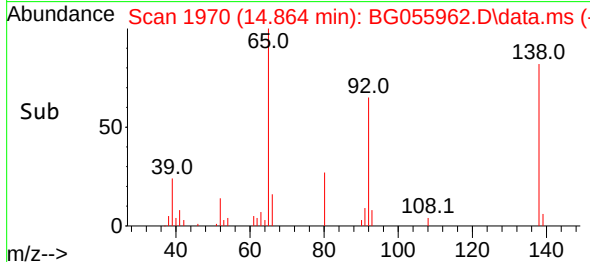
Instrument :
BNA_G
ClientSampleId :
AOC2-B1-W5MSD



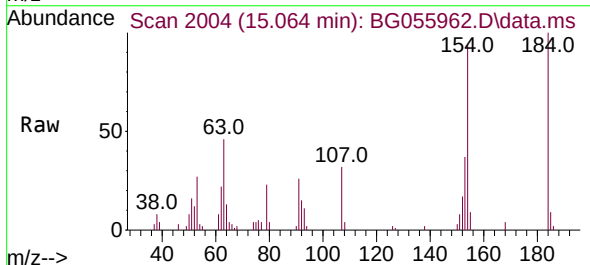
Tgt Ion:138 Resp: 7062
Ion Ratio Lower Upper
138 100
108 10.5 10.9 16.3#
92 92.9 69.4 104.0

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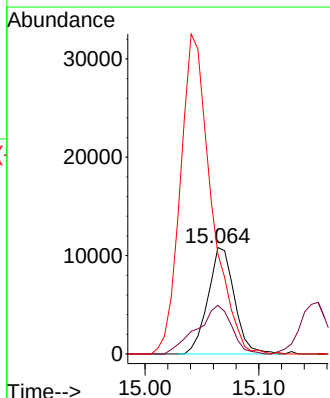
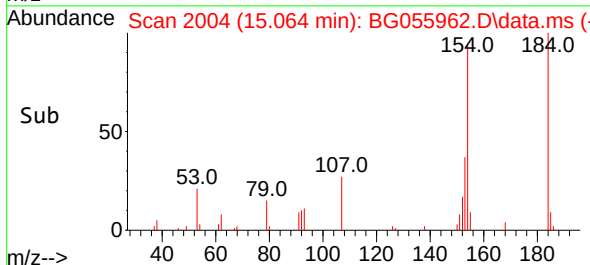
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

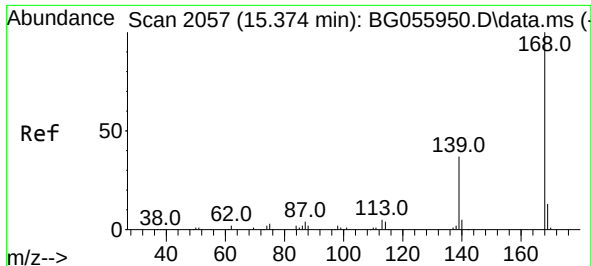


#54
2,4-Dinitrophenol
Concen: 92.435 ng
RT: 15.064 min Scan# 2004
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44



Tgt Ion:184 Resp: 17470
Ion Ratio Lower Upper
184 100
63 45.6 23.0 34.4#
154 93.9 67.0 100.4





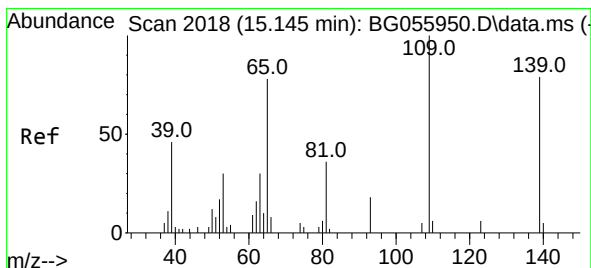
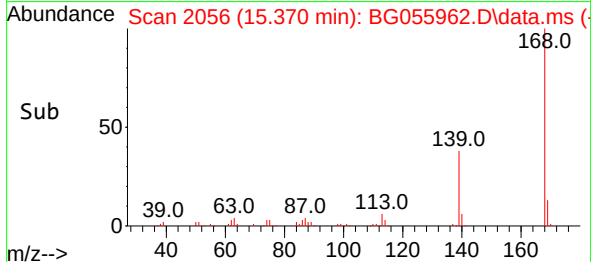
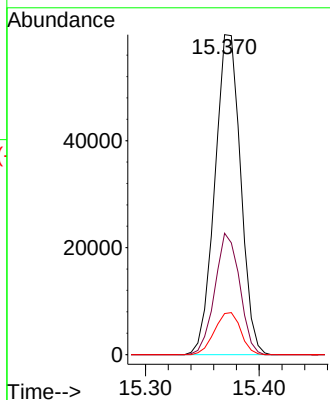
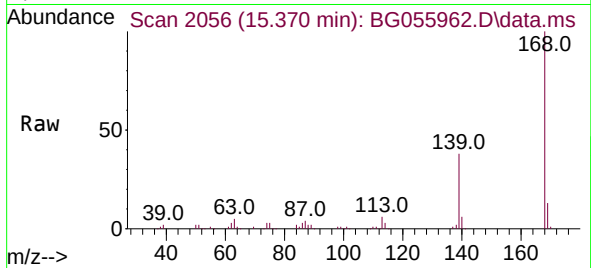
#55
Dibenzenofuran
Concen: 49.900 ng
RT: 15.370 min Scan# 2057
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

Instrument :
BNA_G
ClientSampleId :
AOC2-B1-W5MSD

Tgt Ion:168 Resp: 94105
Ion Ratio Lower Upper
168 100
139 37.9 29.8 44.8
169 12.8 10.6 16.0

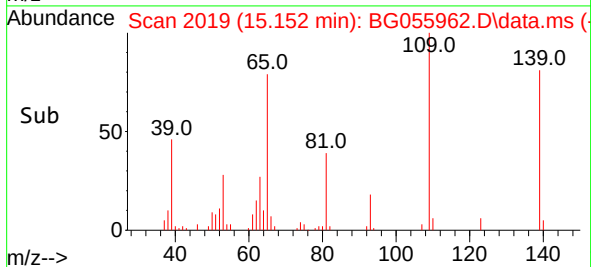
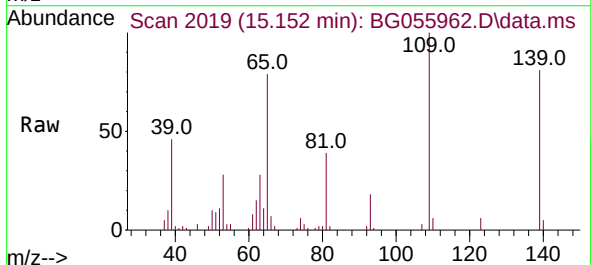
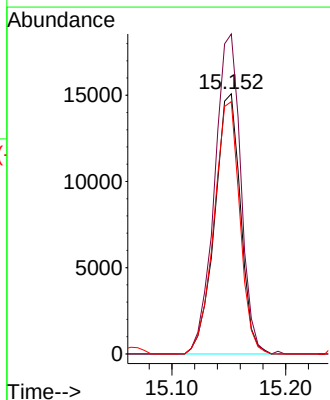
Manual Integrations
APPROVED

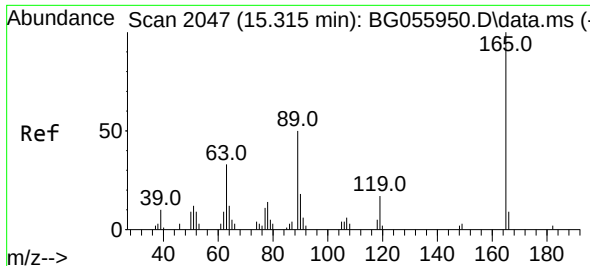
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#56
4-Nitrophenol
Concen: 114.632 ng
RT: 15.152 min Scan# 2019
Delta R.T. 0.007 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

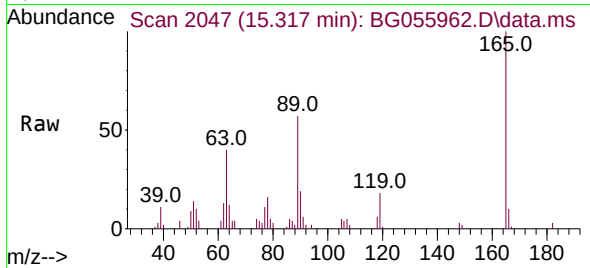
Tgt Ion:139 Resp: 23754
Ion Ratio Lower Upper
139 100
109 123.1 106.7 146.7
65 97.0 79.2 119.2





#57
2,4-Dinitrotoluene
Concen: 58.875 ng
RT: 15.317 min Scan# 2047
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

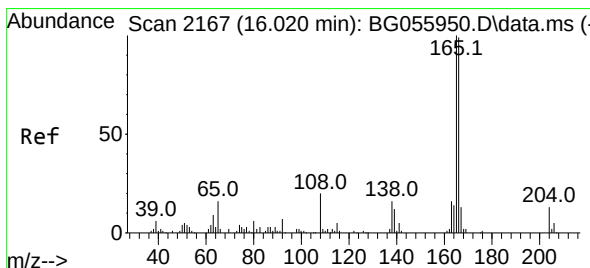
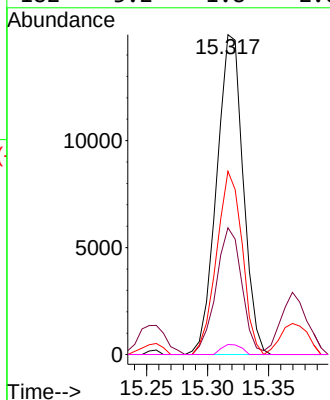
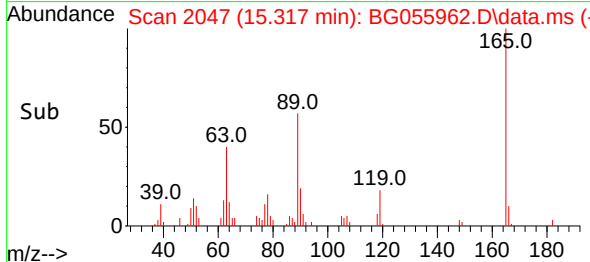
Instrument :
BNA_G
ClientSampleId :
AOC2-B1-W5MSD



Tgt Ion:165 Resp: 22593
Ion Ratio Lower Upper
165 100
63 39.6 26.6 39.8
89 57.3 40.1 60.1
182 3.2 1.8 2.6#

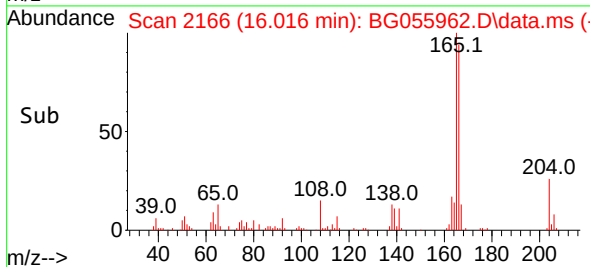
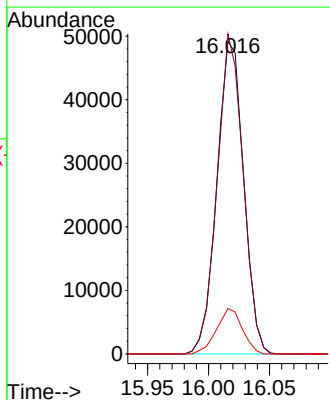
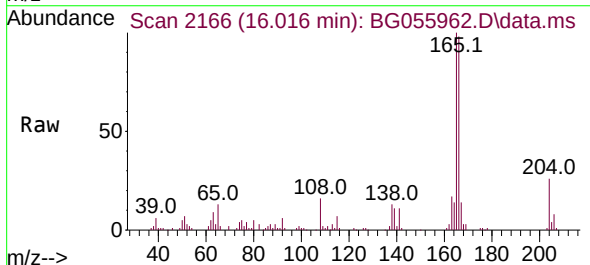
Manual Integrations
APPROVED

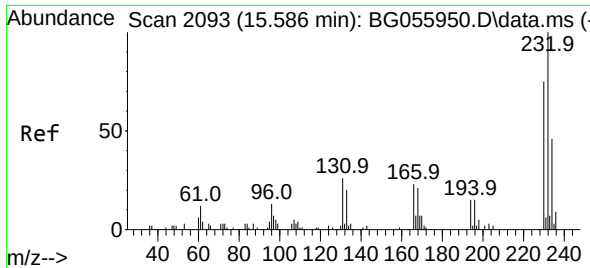
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#58
Fluorene
Concen: 48.800 ng
RT: 16.016 min Scan# 2166
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

Tgt Ion:166 Resp: 75231
Ion Ratio Lower Upper
166 100
165 102.4 81.1 121.7
167 14.5 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.450 ng
RT: 15.587 min Scan# 2093
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

Instrument :

BNA_G

ClientSampleId :

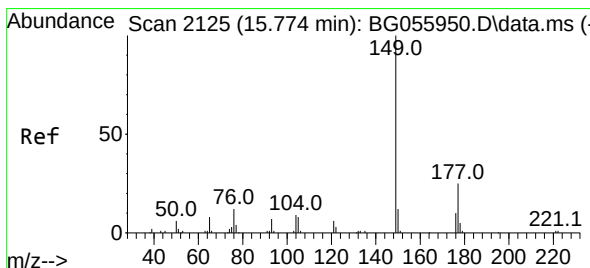
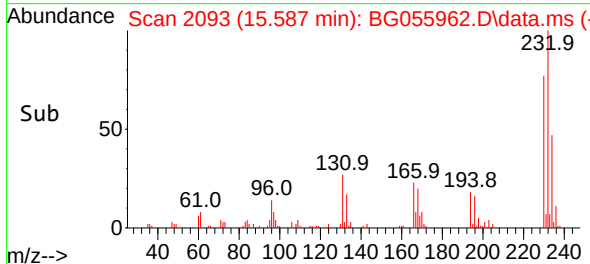
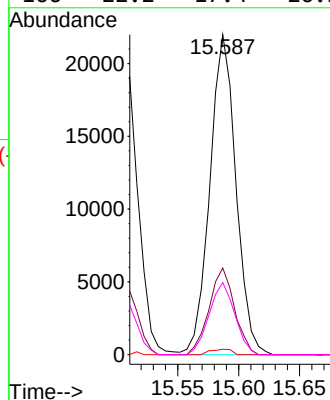
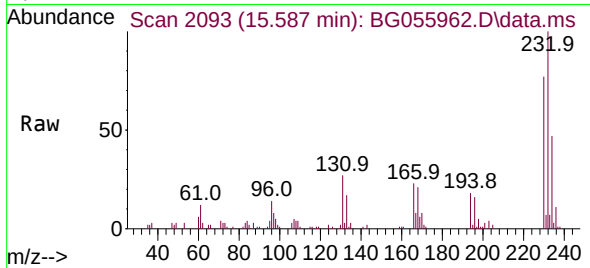
AOC2-B1-W5MSD

Tgt Ion:232 Resp: 3266
Ion Ratio Lower Upper
232 100
131 26.3 20.7 31.1
130 1.4 1.2 1.8
166 22.2 17.4 26.2

Manual Integrations

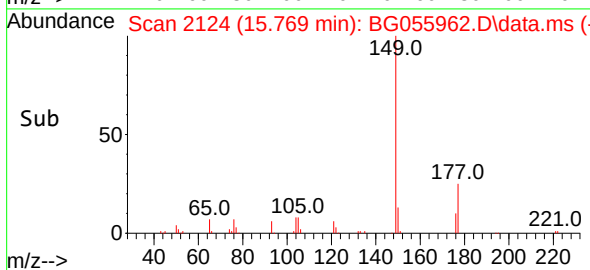
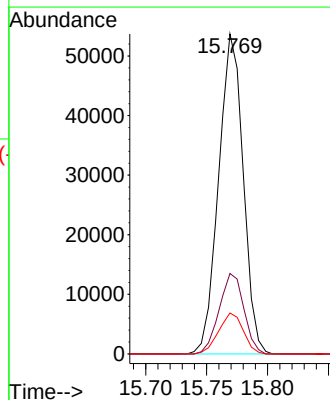
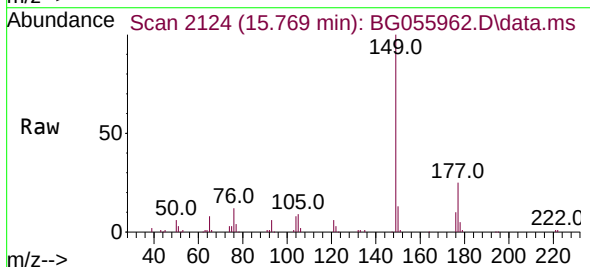
APPROVED

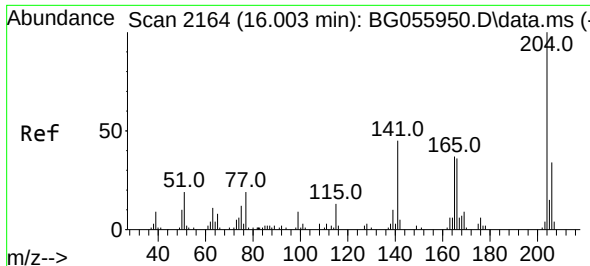
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#60
Diethylphthalate
Concen: 46.831 ng
RT: 15.769 min Scan# 2124
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

Tgt Ion:149 Resp: 75198
Ion Ratio Lower Upper
149 100
177 25.1 19.7 29.5
150 12.8 9.5 14.3





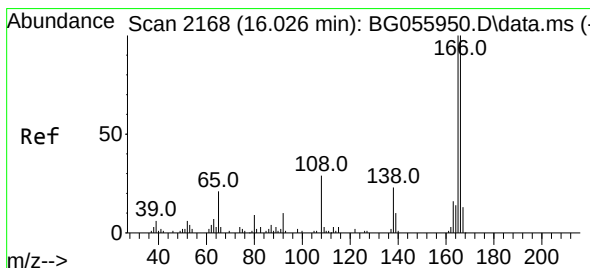
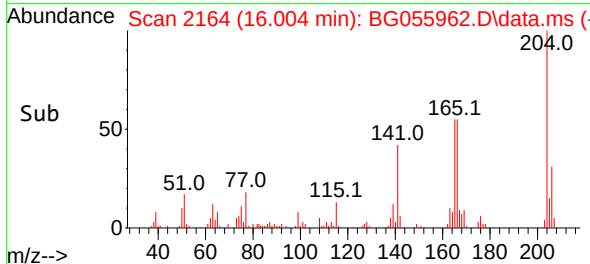
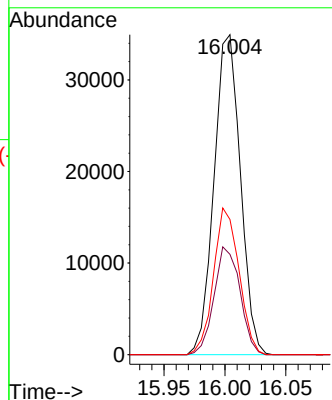
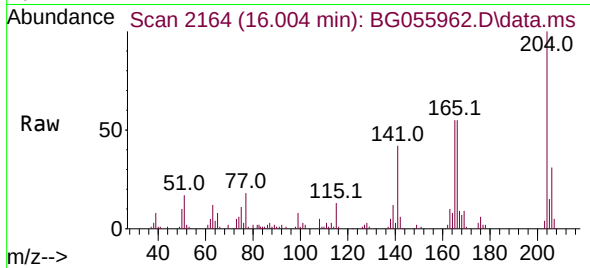
#61
4-Chlorophenyl-phenylether
Concen: 50.043 ng
RT: 16.004 min Scan# 2164
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

Instrument :
BNA_G
ClientSampleId :
AOC2-B1-W5MSD

Tgt Ion:204 Resp: 5255
Ion Ratio Lower Upper
204 100
206 31.3 27.0 40.4
141 42.2 36.3 54.5

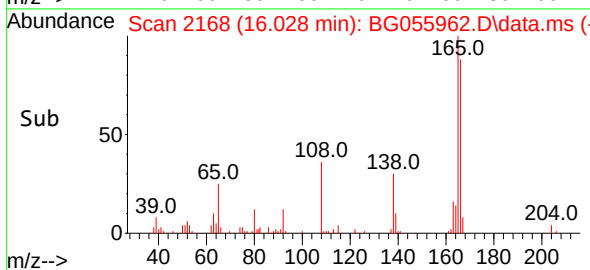
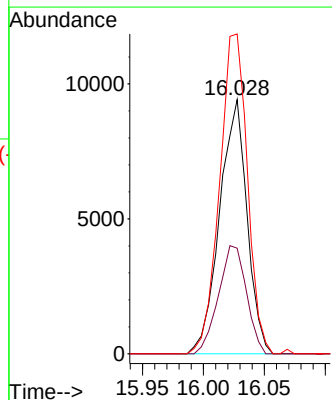
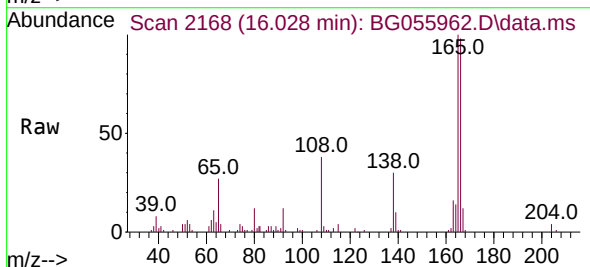
Manual Integrations
APPROVED

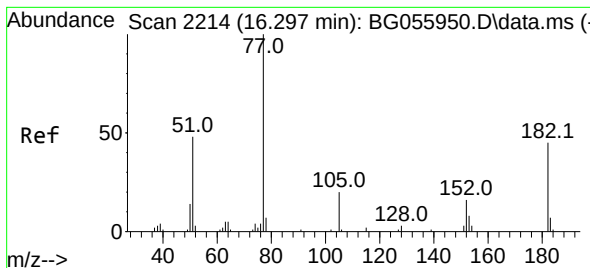
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#62
4-Nitroaniline
Concen: 52.346 ng
RT: 16.028 min Scan# 2168
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

Tgt Ion:138 Resp: 14741
Ion Ratio Lower Upper
138 100
92 41.5 24.4 64.4
108 125.8 110.1 150.1





#63

Azobenzene

Concen: 54.900 ng

RT: 16.298 min Scan# 2214

Delta R.T. 0.001 min

Lab File: BG055962.D

Acq: 14 Dec 2022 16:44

Instrument :

BNA_G

ClientSampleId :

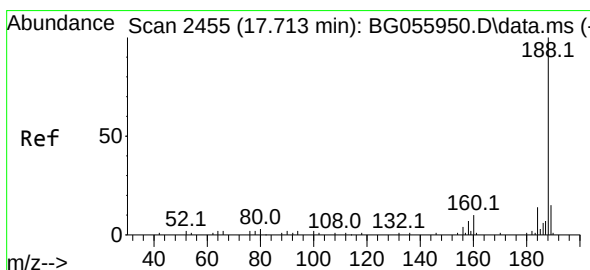
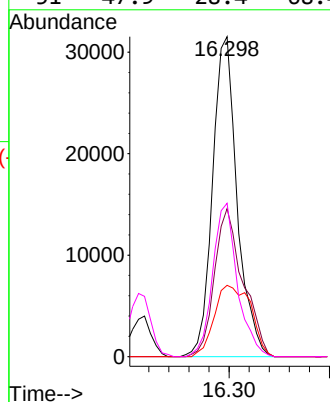
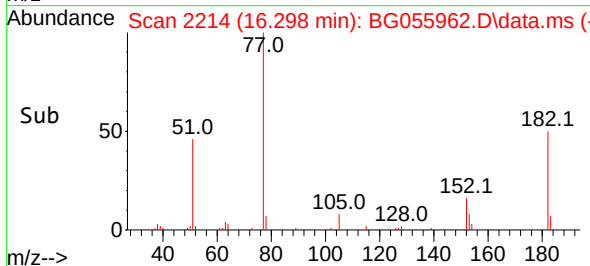
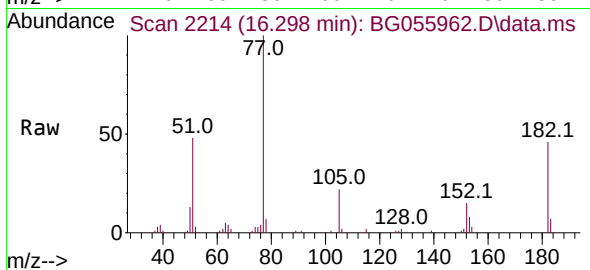
AOC2-B1-W5MSD

Tgt Ion: 77	Resp: 5365
Ion Ratio	Lower Upper
77 100	
182 46.2	24.7 64.7
105 22.3	0.3 40.3
51 47.9	28.4 68.4

Manual Integrations

APPROVED

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



#64

Phenanthrene-d10

Concen: 20.000 ng

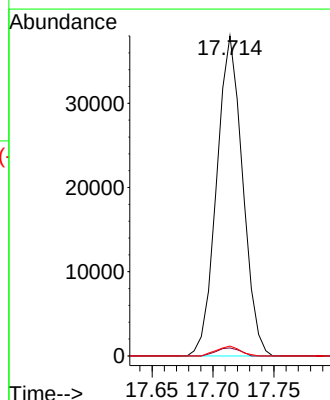
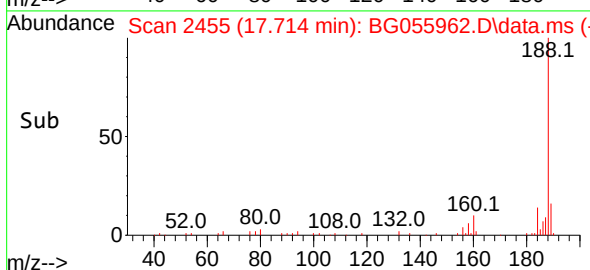
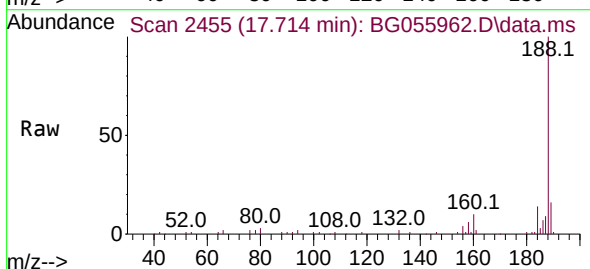
RT: 17.714 min Scan# 2455

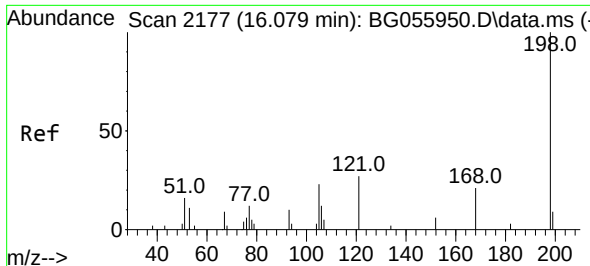
Delta R.T. 0.001 min

Lab File: BG055962.D

Acq: 14 Dec 2022 16:44

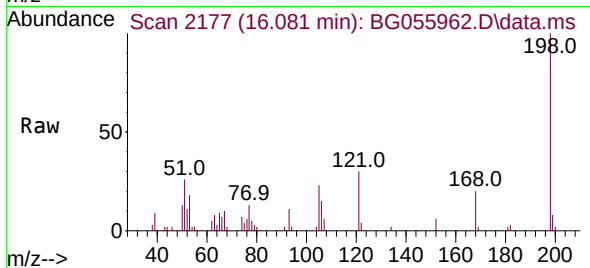
Tgt Ion:188	Resp: 56300
Ion Ratio	Lower Upper
188 100	
94 2.5	1.8 2.8
80 3.1	2.4 3.6





#65
4,6-Dinitro-2-methylphenol
Concen: 51.170 ng
RT: 16.081 min Scan# 2177
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

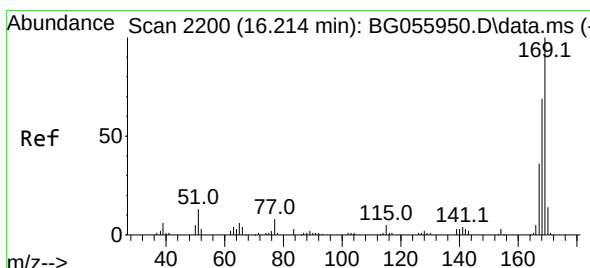
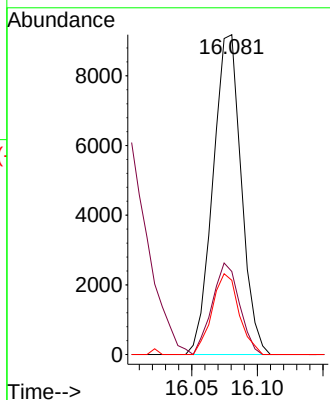
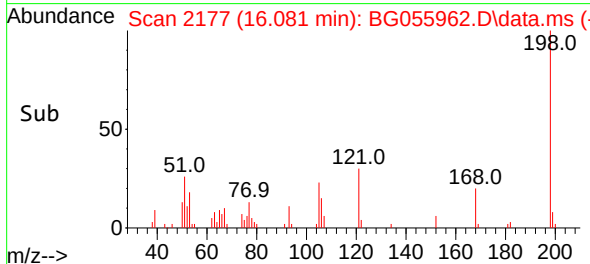
Instrument :
BNA_G
ClientSampleId :
AOC2-B1-W5MSD



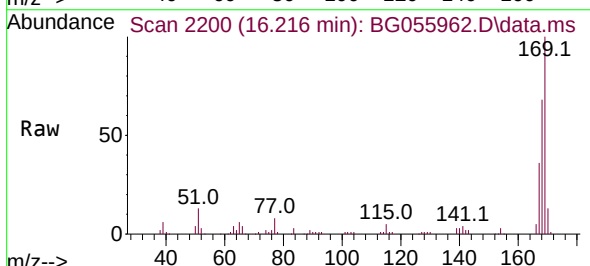
Tgt Ion:198 Resp: 13762
Ion Ratio Lower Upper
198 100
51 26.0 3.0 43.0
105 23.2 3.3 43.3

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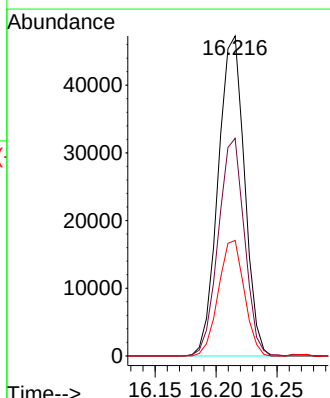
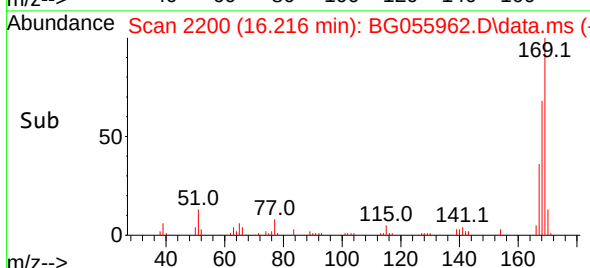
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

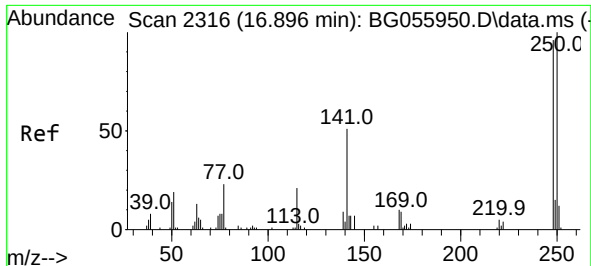


#66
n-Nitrosodiphenylamine
Concen: 48.021 ng
RT: 16.216 min Scan# 2200
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44



Tgt Ion:169 Resp: 70848
Ion Ratio Lower Upper
169 100
168 68.0 55.3 82.9
167 36.1 28.9 43.3





#67

4-Bromophenyl-phenylether

Concen: 46.456 ng

RT: 16.897 min Scan# 2316

Delta R.T. 0.001 min

Lab File: BG055962.D

Acq: 14 Dec 2022 16:44

Instrument :

BNA_G

ClientSampleId :

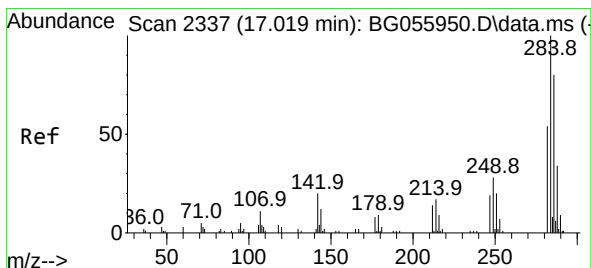
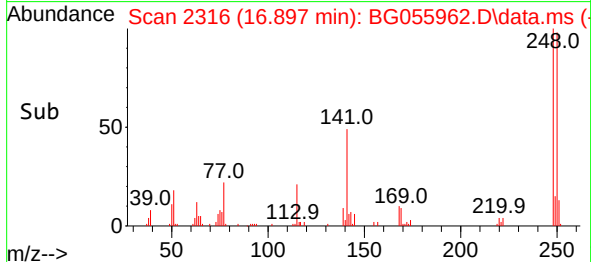
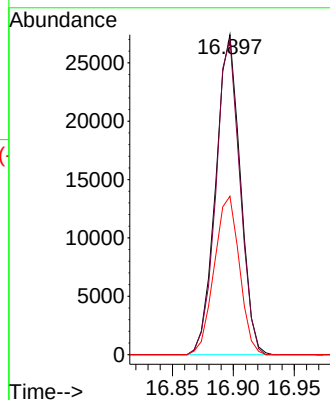
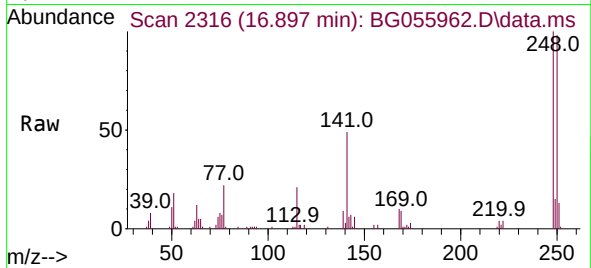
AOC2-B1-W5MSD

Tgt Ion:248 Resp: 38325
 Ion Ratio Lower Upper
 248 100
 250 98.5 83.0 124.6
 141 49.5 42.6 64.0

Manual Integrations

APPROVED

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



#68

Hexachlorobenzene

Concen: 48.675 ng

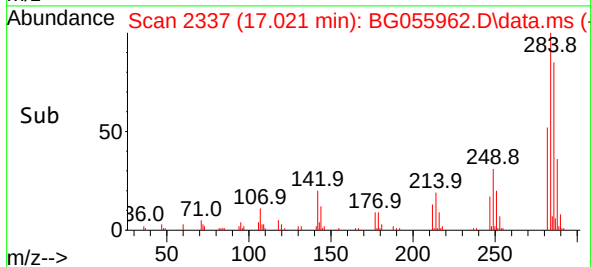
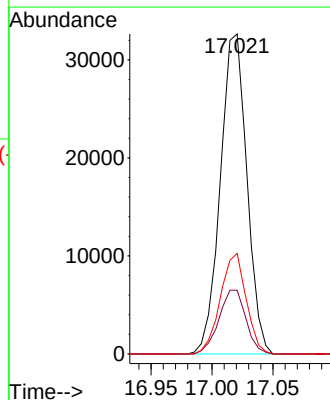
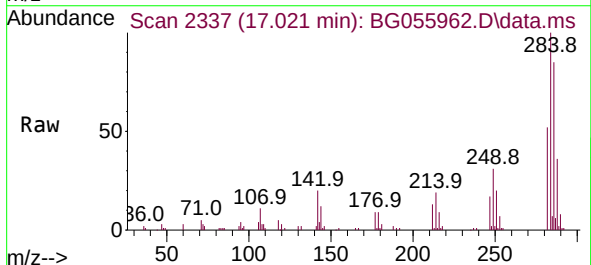
RT: 17.021 min Scan# 2337

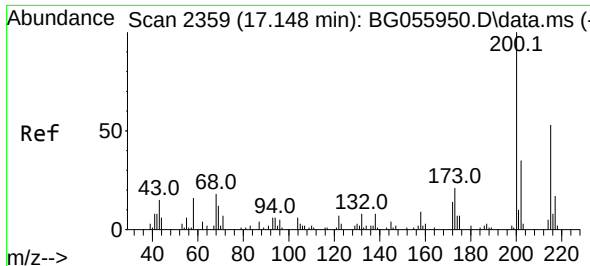
Delta R.T. 0.001 min

Lab File: BG055962.D

Acq: 14 Dec 2022 16:44

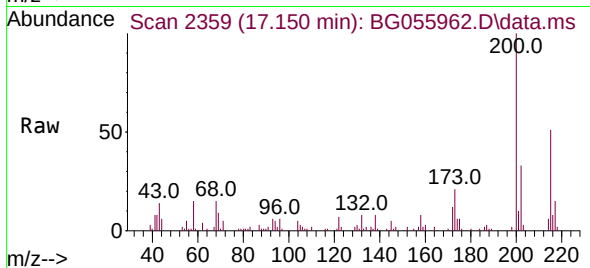
Tgt Ion:284 Resp: 49461
 Ion Ratio Lower Upper
 284 100
 142 19.9 16.2 24.2
 249 31.4 22.8 34.2





#69
Atrazine
 Concen: 53.818 ng
 RT: 17.150 min Scan# 2359
 Delta R.T. 0.001 min
 Lab File: BG055962.D
 Acq: 14 Dec 2022 16:44

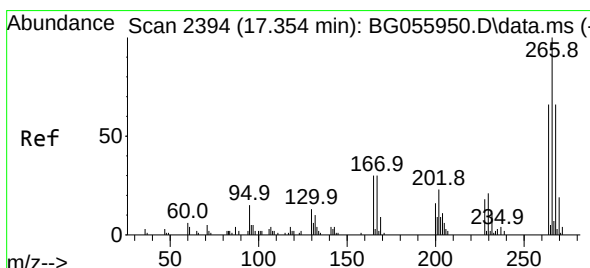
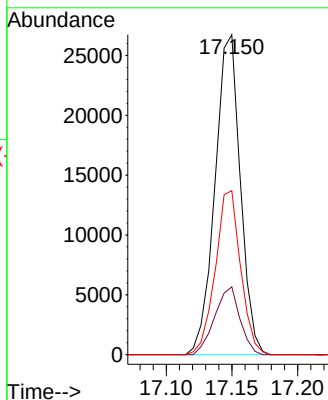
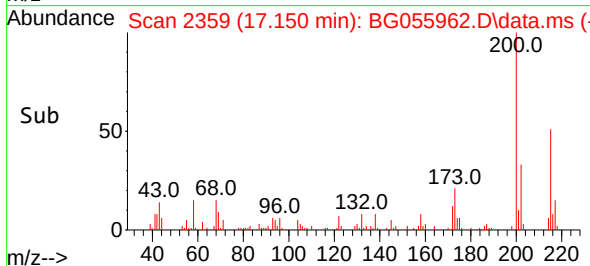
Instrument :
 BNA_G
ClientSampleId :
 AOC2-B1-W5MSD



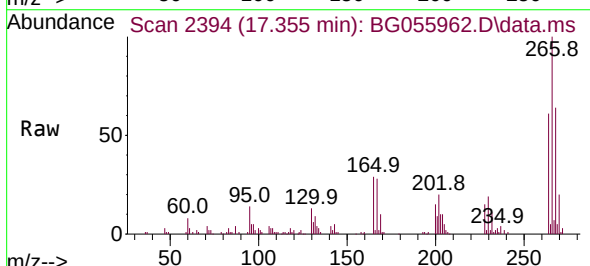
Tgt Ion:200 Resp: 35952
 Ion Ratio Lower Upper
 200 100
 173 21.2 1.4 41.4
 215 51.2 33.3 73.3

Manual Integrations
APPROVED

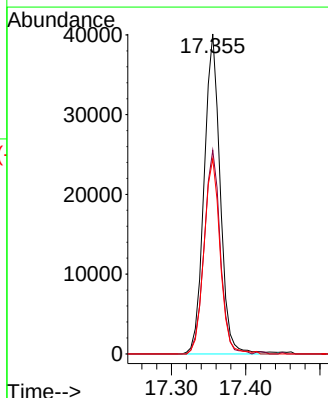
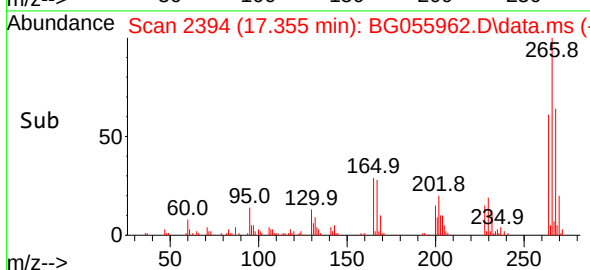
Reviewed By :Jagrut Upadhyay 12/15/2022
 Supervised By :mohammad ahmed 12/16/2022

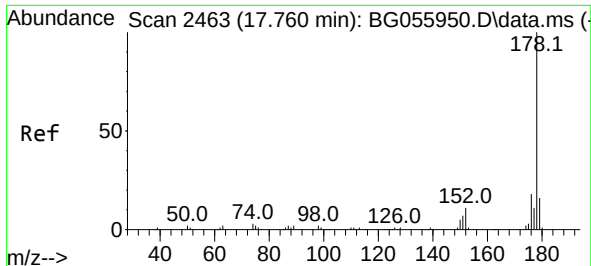


#70
Pentachlorophenol
 Concen: 103.700 ng
 RT: 17.355 min Scan# 2394
 Delta R.T. 0.001 min
 Lab File: BG055962.D
 Acq: 14 Dec 2022 16:44



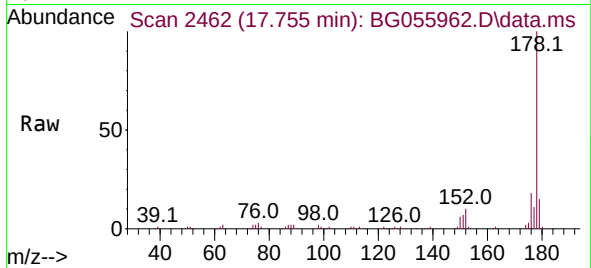
Tgt Ion:266 Resp: 60242
 Ion Ratio Lower Upper
 266 100
 268 68.3 55.5 83.3
 264 61.0 52.6 78.8





#71
Phenanthrene
Concen: 47.210 ng
RT: 17.755 min Scan# 2462
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

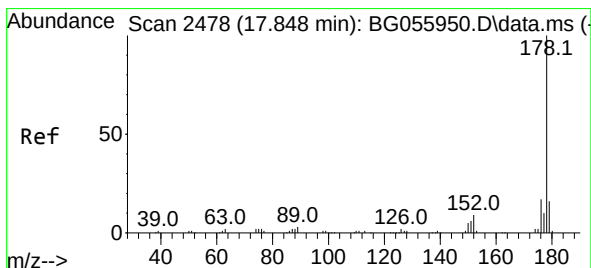
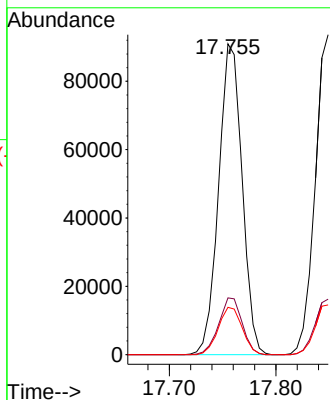
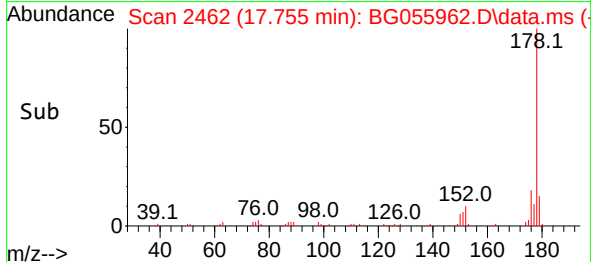
Instrument :
BNA_G
ClientSampleId :
AOC2-B1-W5MSD



Tgt Ion:178 Resp: 139289
Ion Ratio Lower Upper
178 100
176 18.2 14.4 21.6
179 15.2 12.7 19.1

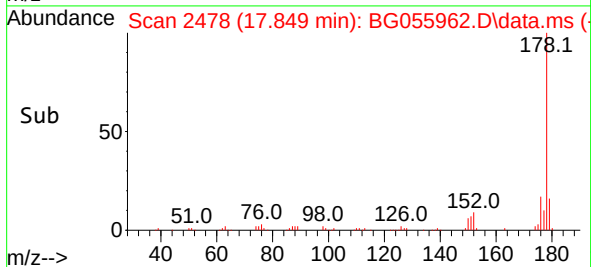
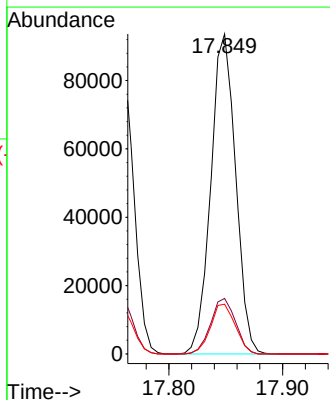
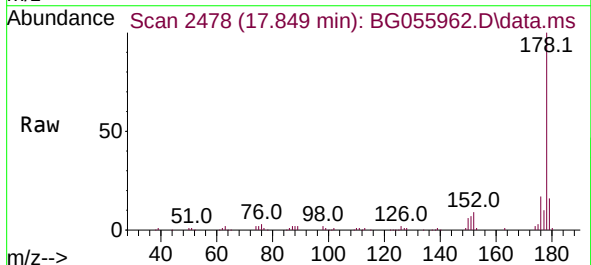
Manual Integrations
APPROVED

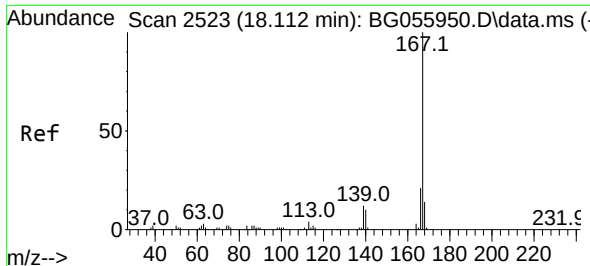
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#72
Anthracene
Concen: 48.559 ng
RT: 17.849 min Scan# 2478
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

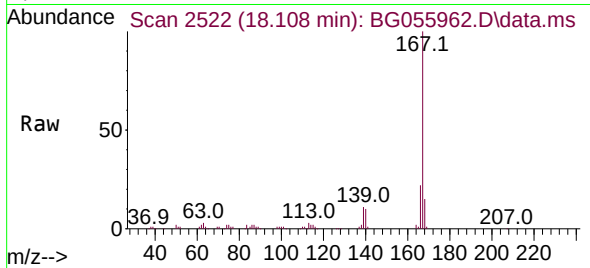
Tgt Ion:178 Resp: 141740
Ion Ratio Lower Upper
178 100
176 17.3 13.9 20.9
179 15.5 12.7 19.1





#73
Carbazole
Concen: 47.574 ng
RT: 18.108 min Scan# 2523
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

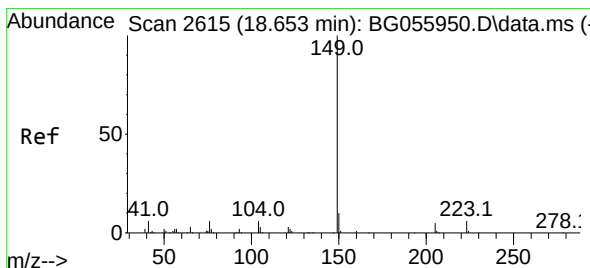
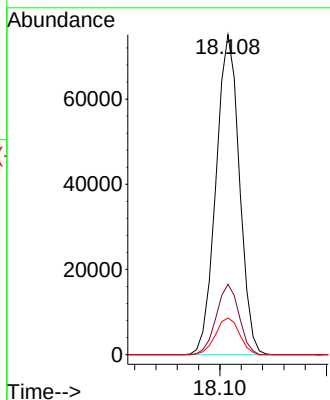
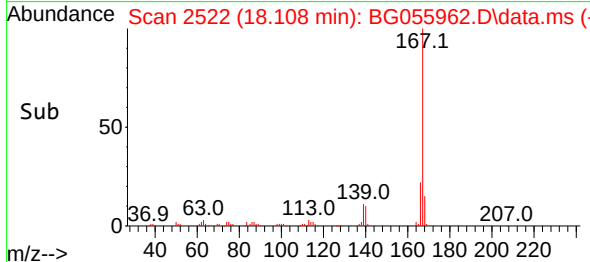
Instrument :
BNA_G
ClientSampleId :
AOC2-B1-W5MSD



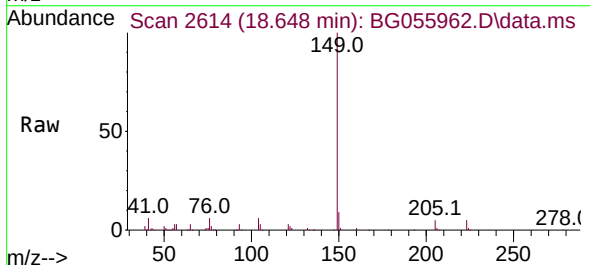
Tgt Ion:167 Resp: 114528
Ion Ratio Lower Upper
167 100
166 22.0 16.6 25.0
139 11.4 9.7 14.5

Manual Integrations
APPROVED

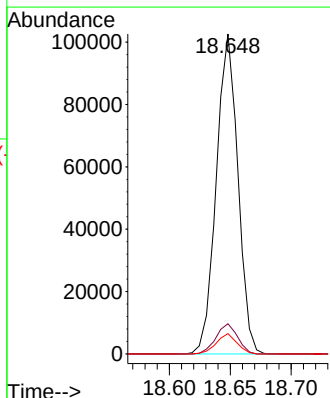
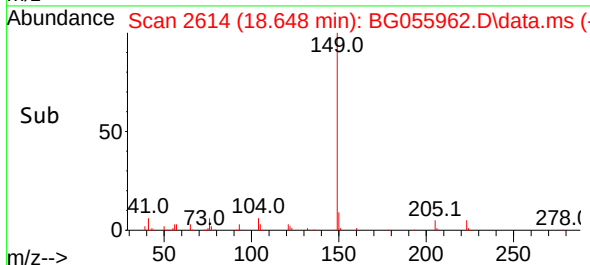
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

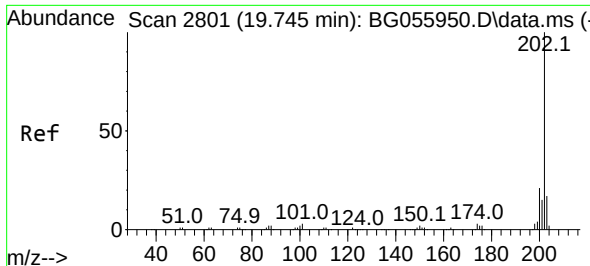


#74
Di-n-butylphthalate
Concen: 45.164 ng
RT: 18.648 min Scan# 2614
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44



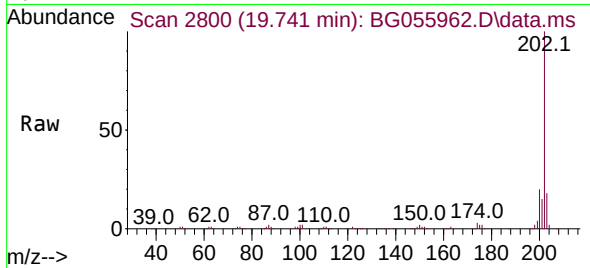
Tgt Ion:149 Resp: 126444
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 6.3 4.8 7.2





#75
Fluoranthene
Concen: 45.011 ng
RT: 19.741 min Scan# 2801
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

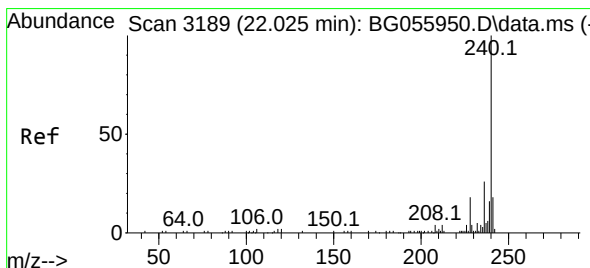
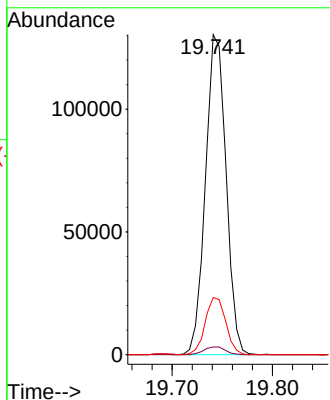
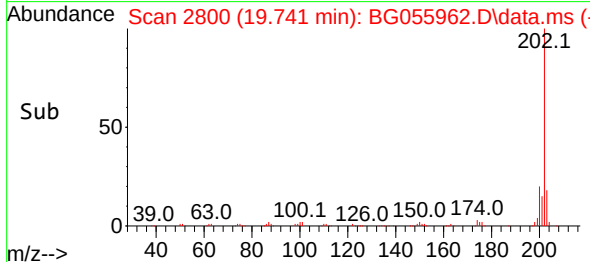
Instrument :
BNA_G
ClientSampleId :
AOC2-B1-W5MSD



Tgt Ion:202 Resp: 185963
Ion Ratio Lower Upper
202 100
101 2.4 0.0 22.6
203 17.8 0.0 37.1

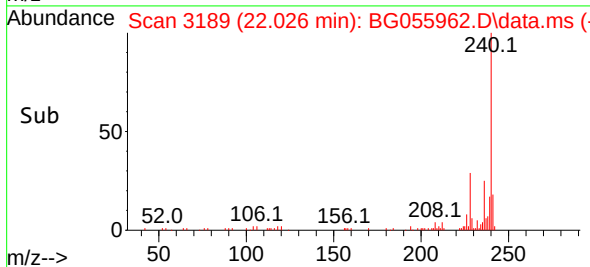
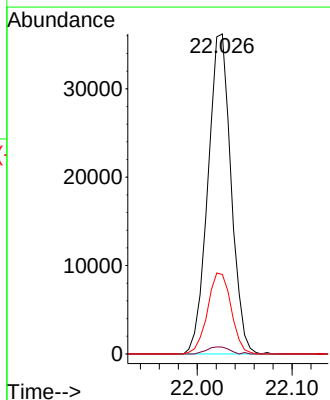
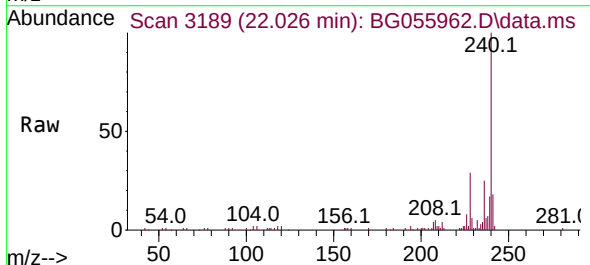
Manual Integrations
APPROVED

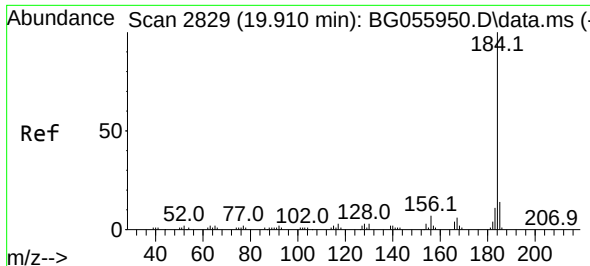
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.026 min Scan# 3189
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

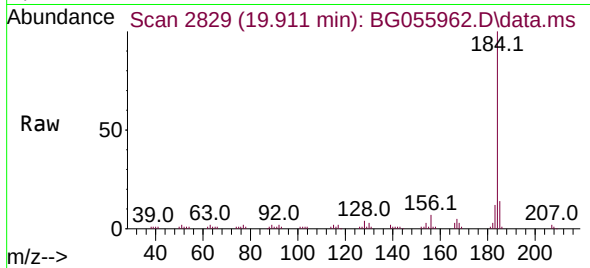
Tgt Ion:240 Resp: 61335
Ion Ratio Lower Upper
240 100
120 2.1 1.7 2.5
236 24.8 21.1 31.7





#77
Benzidine
Concen: 47.130 ng
RT: 19.911 min Scan# 2829
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

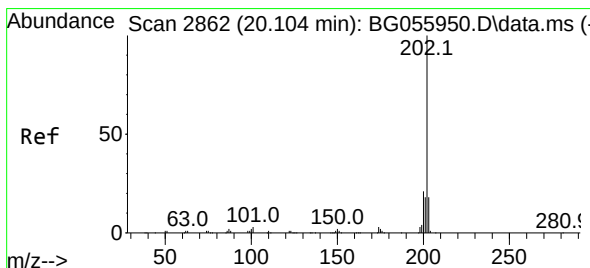
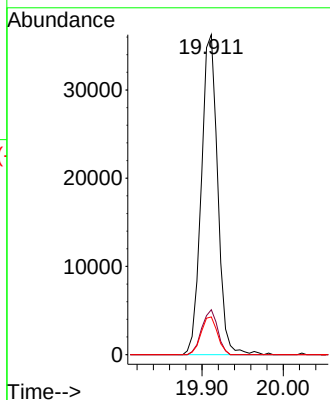
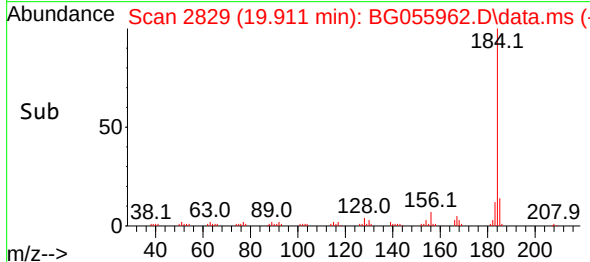
Instrument :
BNA_G
ClientSampleId :
AOC2-B1-W5MSD



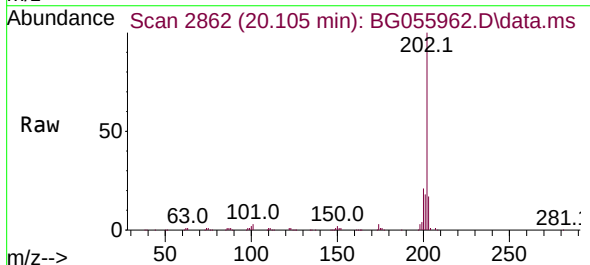
Tgt Ion:184 Resp: 50766
Ion Ratio Lower Upper
184 100
185 14.0 10.9 16.3
183 11.8 9.2 13.8

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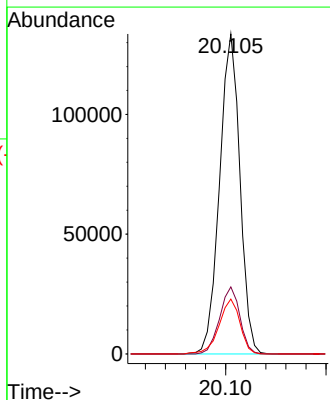
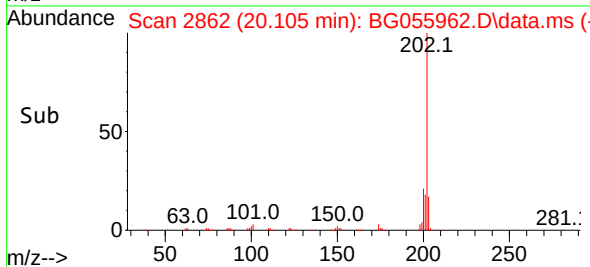
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

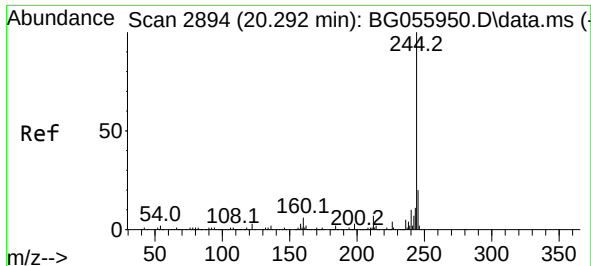


#78
Pyrene
Concen: 50.679 ng
RT: 20.105 min Scan# 2862
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44



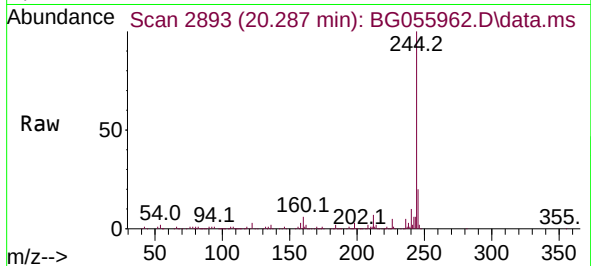
Tgt Ion:202 Resp: 188093
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.1 14.6 21.8





#79
 Terphenyl-d14
 Concen: 96.995 ng
 RT: 20.287 min Scan# 2894
 Delta R.T. -0.005 min
 Lab File: BG055962.D
 Acq: 14 Dec 2022 16:44

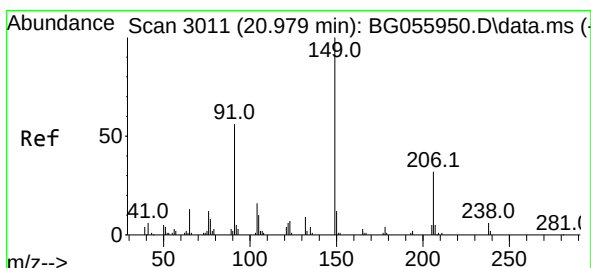
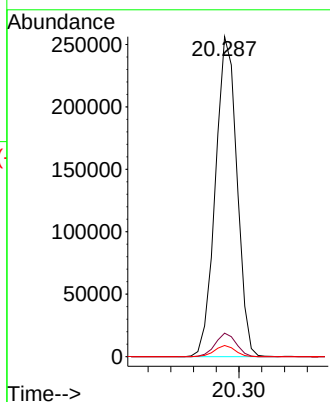
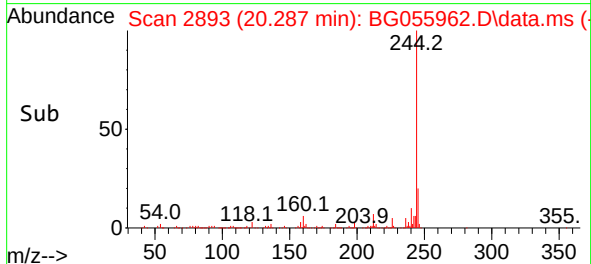
Instrument :
 BNA_G
 ClientSampleId :
 AOC2-B1-W5MSD



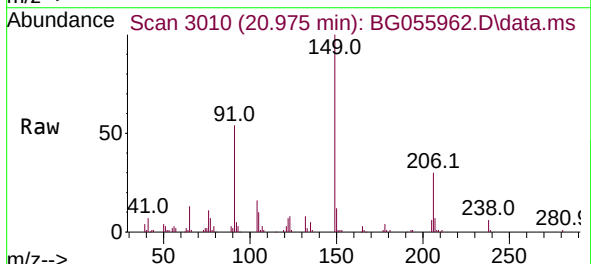
Tgt Ion:244 Resp: 336608
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 3.5 2.5 3.7

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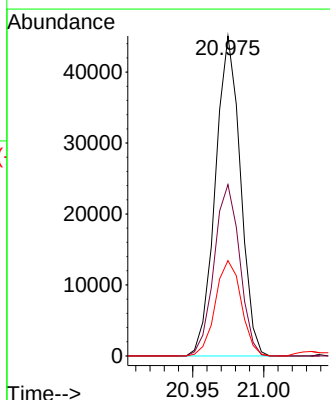
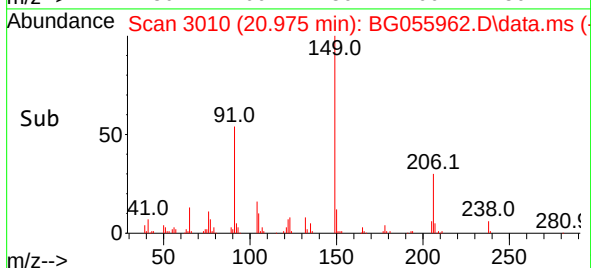
Reviewed By :Jagrut Upadhyay 12/15/2022
 Supervised By :mohammad ahmed 12/16/2022

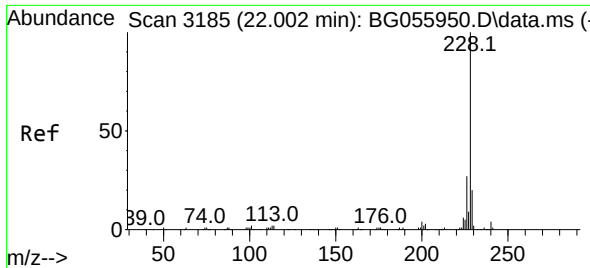


#80
 Butylbenzylphthalate
 Concen: 52.560 ng
 RT: 20.975 min Scan# 3010
 Delta R.T. -0.005 min
 Lab File: BG055962.D
 Acq: 14 Dec 2022 16:44



Tgt Ion:149 Resp: 55276
 Ion Ratio Lower Upper
 149 100
 91 53.5 44.5 66.7
 206 29.8 25.8 38.6





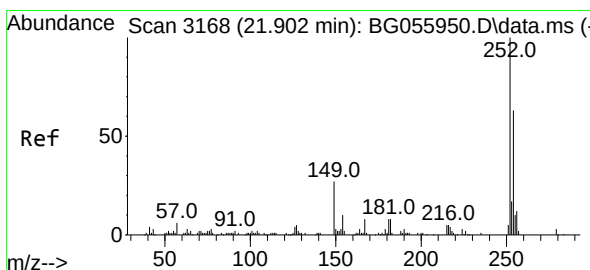
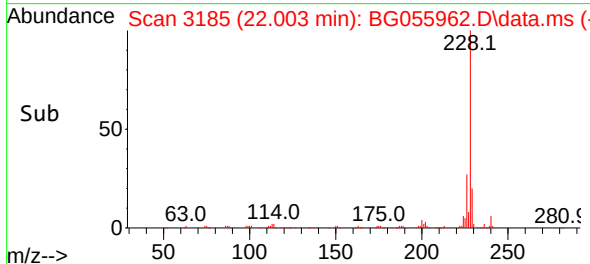
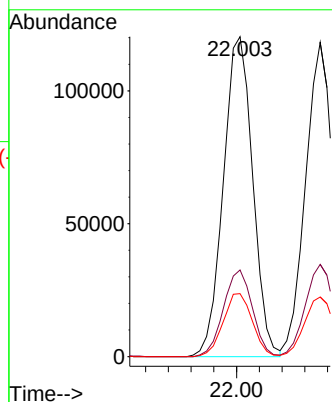
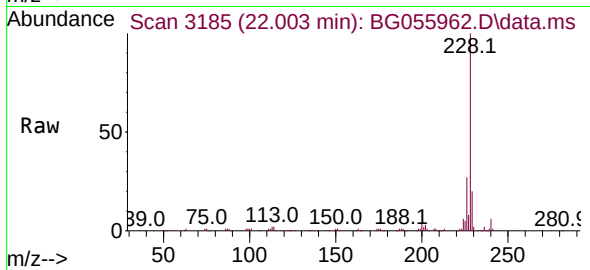
#81
Benzo(a)anthracene
Concen: 49.942 ng
RT: 22.003 min Scan# 3185
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

Instrument :
BNA_G
ClientSampleId :
AOC2-B1-W5MSD

Tgt Ion:228 Resp: 215549
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.6
229 19.7 15.9 23.9

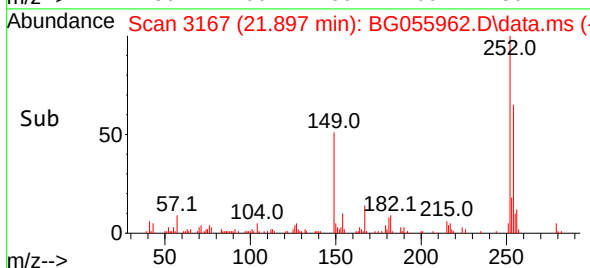
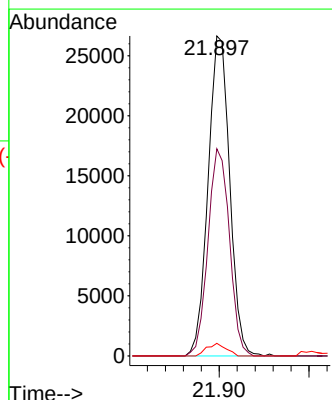
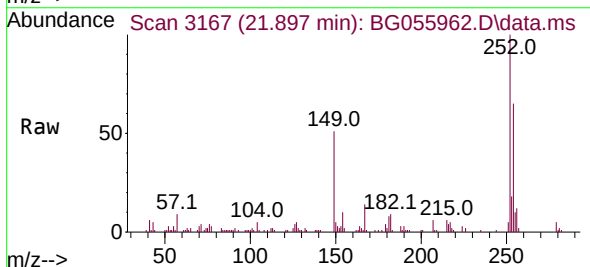
Manual Integrations
APPROVED

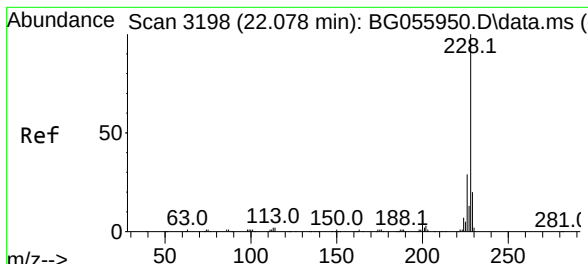
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#82
3,3'-Dichlorobenzidine
Concen: 28.719 ng
RT: 21.897 min Scan# 3167
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

Tgt Ion:252 Resp: 44596
Ion Ratio Lower Upper
252 100
254 64.7 50.2 75.2
126 3.9 3.1 4.7





#83

Chrysene

Concen: 49.337 ng

RT: 22.073 min Scan# 3197

Delta R.T. -0.005 min

Lab File: BG055962.D

Acq: 14 Dec 2022 16:44

Instrument :

BNA_G

ClientSampleId :

AOC2-B1-W5MSD

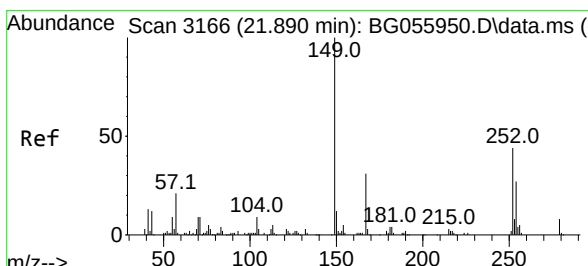
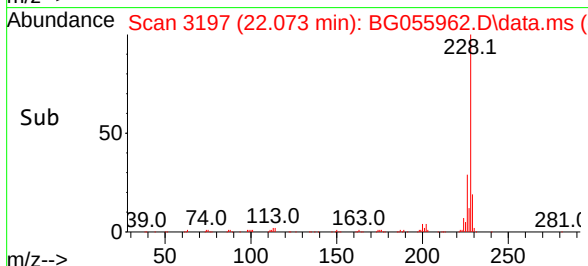
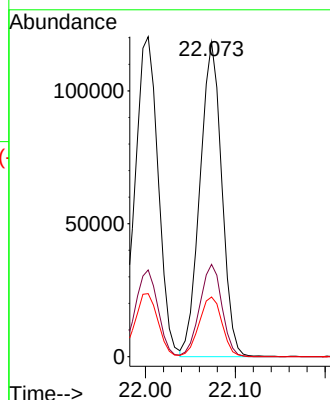
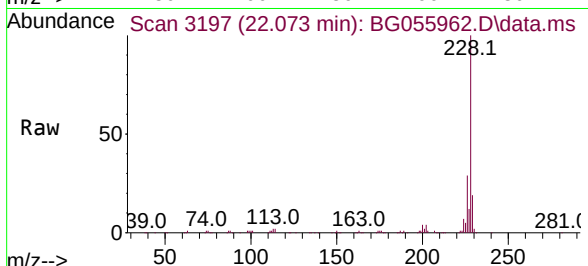
Tgt Ion:228 Resp: 19957

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.1	34.7
229	18.9	15.7	23.5

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.610 ng

RT: 21.880 min Scan# 3164

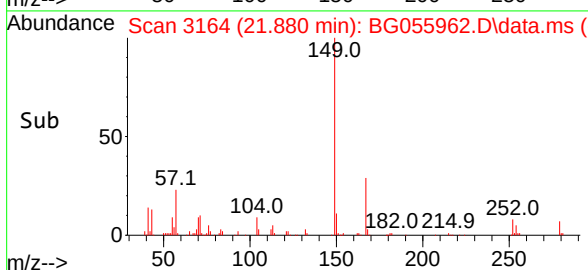
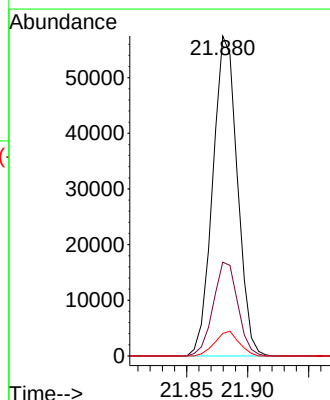
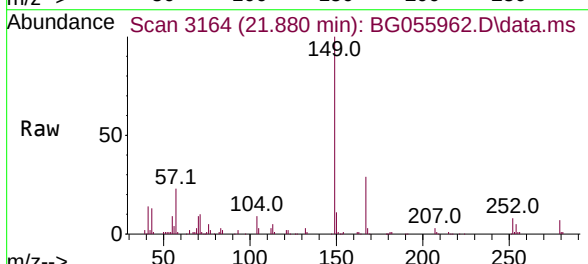
Delta R.T. -0.010 min

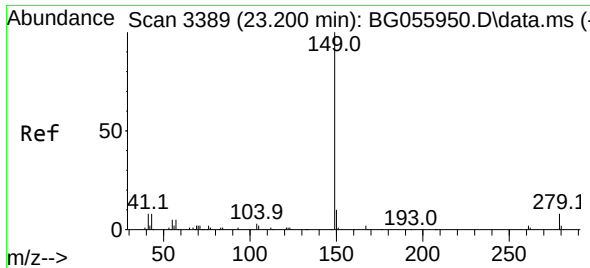
Lab File: BG055962.D

Acq: 14 Dec 2022 16:44

Tgt Ion:149 Resp: 80640

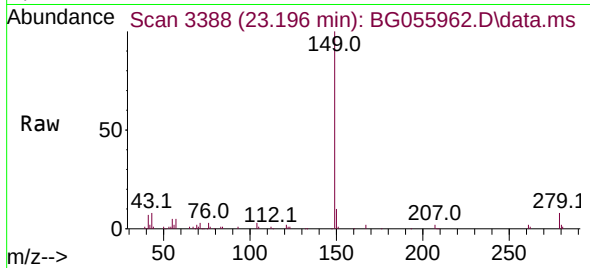
Ion	Ratio	Lower	Upper
149	100		
167	29.3	24.6	36.8
279	7.0	6.3	9.5





#85
Di-n-octyl phthalate
Concen: 50.958 ng
RT: 23.196 min Scan# 3389
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

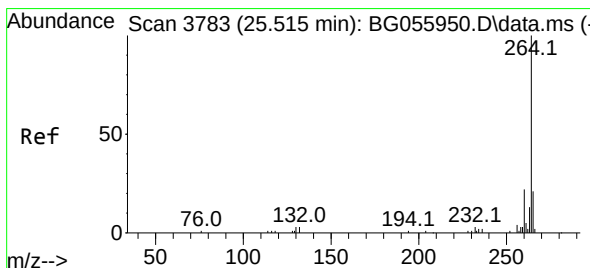
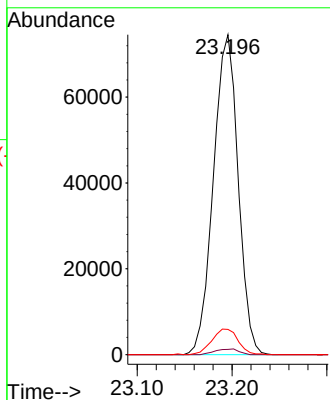
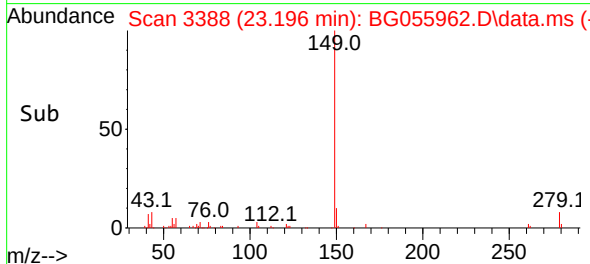
Instrument :
BNA_G
ClientSampleId :
AOC2-B1-W5MSD



Tgt Ion:149 Resp: 135061
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 8.5 6.9 10.3

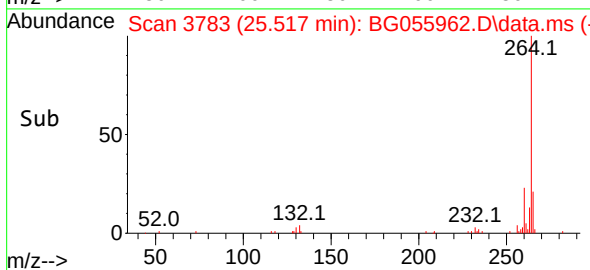
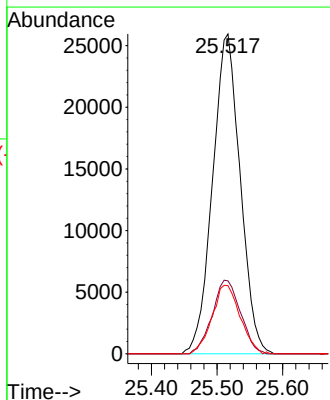
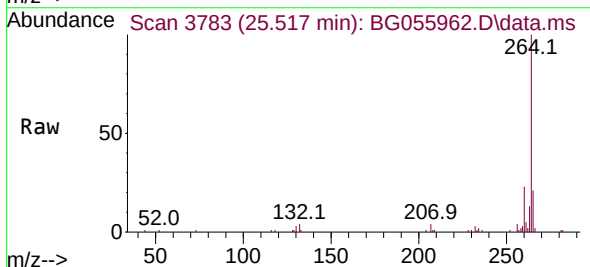
Manual Integrations
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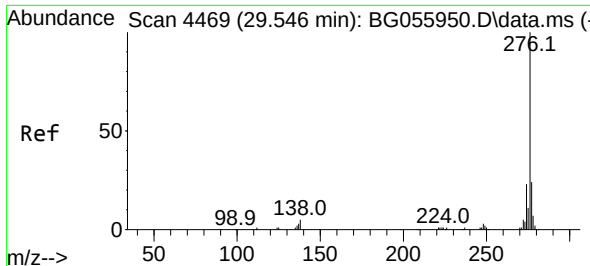
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.517 min Scan# 3783
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

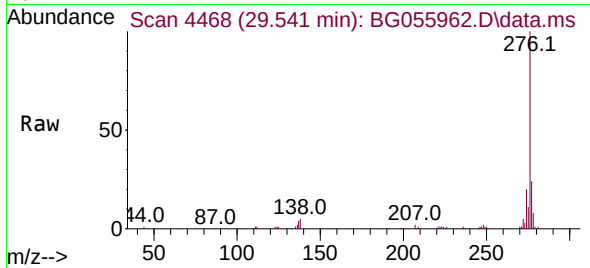
Tgt Ion:264 Resp: 75827
Ion Ratio Lower Upper
264 100
260 22.8 17.8 26.8
265 21.3 16.6 25.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.024 ng
 RT: 29.541 min Scan# 4469
 Delta R.T. -0.005 min
 Lab File: BG055962.D
 Acq: 14 Dec 2022 16:44

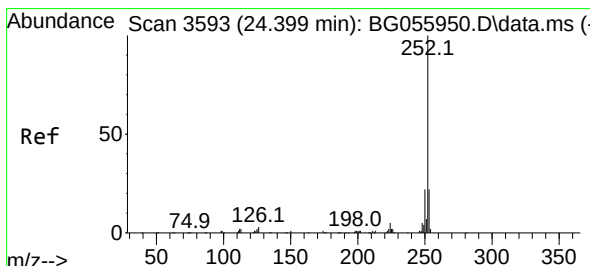
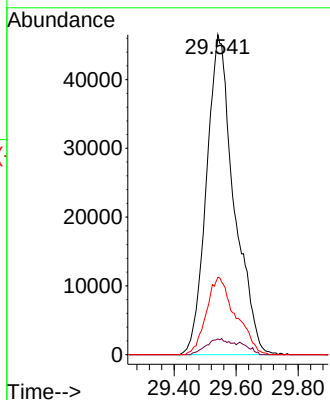
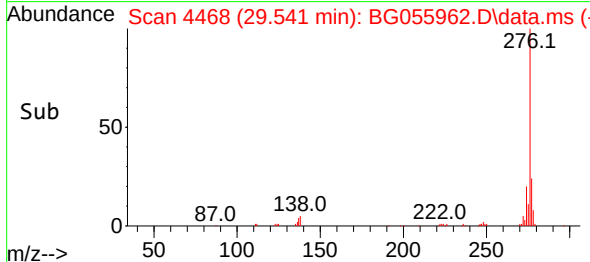
Instrument :
 BNA_G
 ClientSampleId :
 AOC2-B1-W5MSD



Tgt Ion:276 Resp: 286731
 Ion Ratio Lower Upper
 276 100
 138 4.5 3.0 4.4
 277 25.7 20.4 30.6

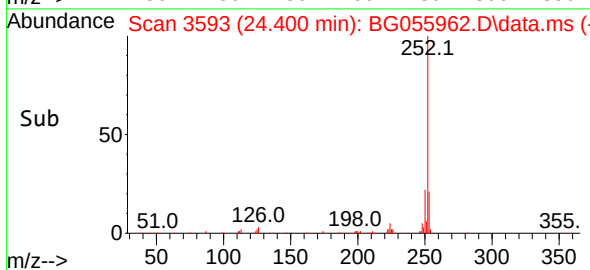
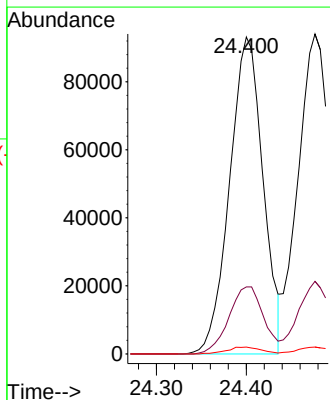
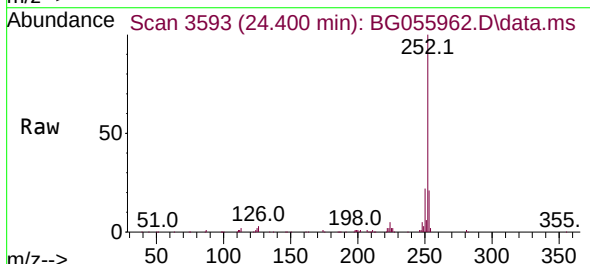
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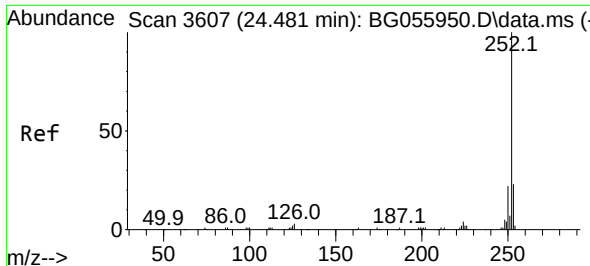
Reviewed By :Jagrut Upadhyay 12/15/2022
 Supervised By :mohammad ahmed 12/16/2022



#88
 Benzo(b)fluoranthene
 Concen: 49.146 ng
 RT: 24.400 min Scan# 3593
 Delta R.T. 0.001 min
 Lab File: BG055962.D
 Acq: 14 Dec 2022 16:44

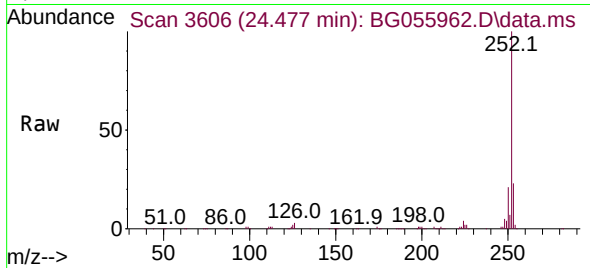
Tgt Ion:252 Resp: 241179
 Ion Ratio Lower Upper
 252 100
 253 21.1 17.4 26.0
 125 2.2 1.8 2.8





#89
Benzo(k)fluoranthene
Concen: 48.497 ng
RT: 24.477 min Scan# 3606
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

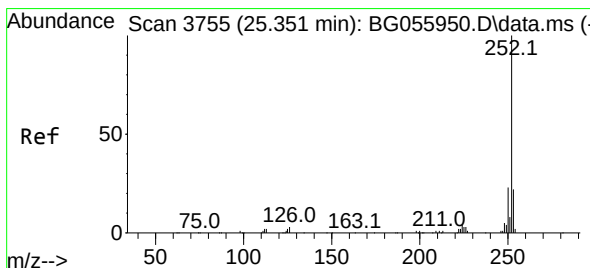
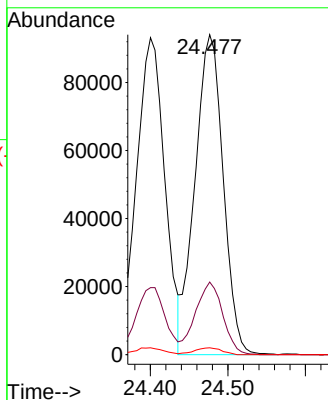
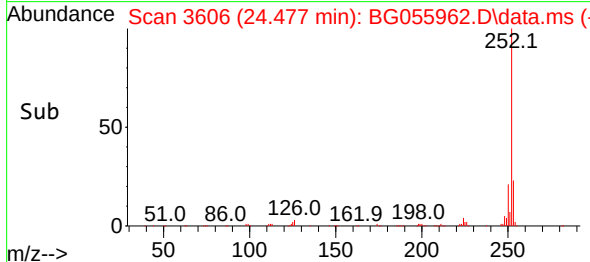
Instrument :
BNA_G
ClientSampleId :
AOC2-B1-W5MSD



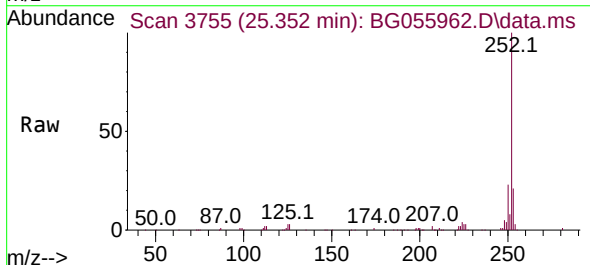
Tgt Ion:252 Resp: 237452
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 2.1 2.0 3.0

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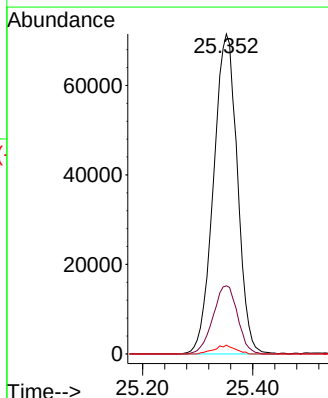
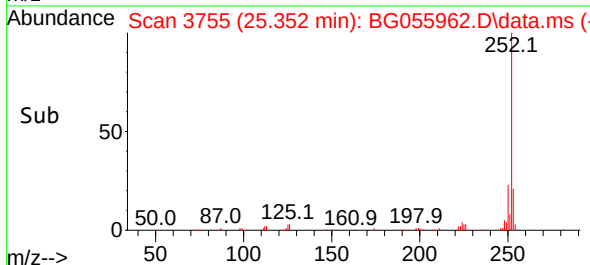
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

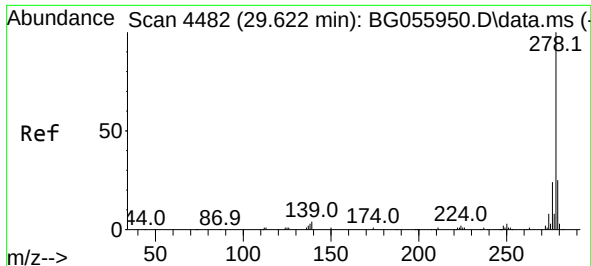


#90
Benzo(a)pyrene
Concen: 51.724 ng
RT: 25.352 min Scan# 3755
Delta R.T. 0.001 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44



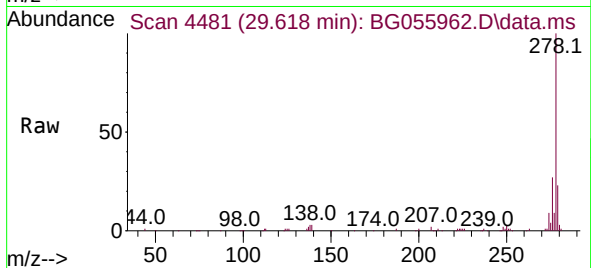
Tgt Ion:252 Resp: 214559
Ion Ratio Lower Upper
252 100
253 21.3 17.7 26.5
125 2.7 1.9 2.9





#91
Dibenzo(a,h)anthracene
Concen: 47.943 ng
RT: 29.618 min Scan# 4481
Delta R.T. -0.005 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44

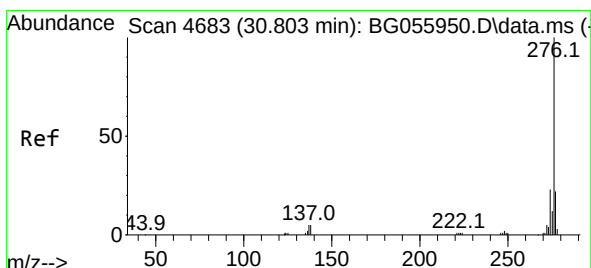
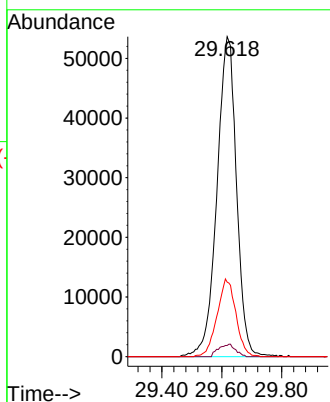
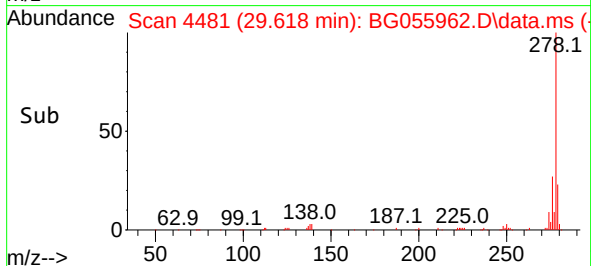
Instrument :
BNA_G
ClientSampleId :
AOC2-B1-W5MSD



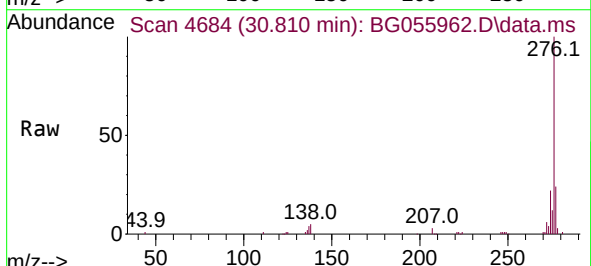
Tgt Ion:278 Resp: 244678
Ion Ratio Lower Upper
278 100
139 3.5 2.9 4.3
279 23.3 20.0 30.0

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 48.224 ng
RT: 30.810 min Scan# 4684
Delta R.T. 0.007 min
Lab File: BG055962.D
Acq: 14 Dec 2022 16:44



Tgt Ion:276 Resp: 237960
Ion Ratio Lower Upper
276 100
277 24.2 17.8 26.6
138 4.7 3.8 5.6

