

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021723\
 Data File : BG056664.D
 Acq On : 17 Feb 2023 20:32
 Operator : CG/JU
 Sample : 01572-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-277-281MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/18/2023
 Supervised By :mohammad ahmed 02/20/2023

Quant Time: Feb 18 00:08:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 16 01:33:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.435	152	17345	20.000	ng	0.00
21) Naphthalene-d8	11.273	136	67138	20.000	ng	# 0.00
39) Acenaphthene-d10	15.039	164	51244	20.000	ng	0.00
64) Phenanthrene-d10	17.771	188	129929	20.000	ng	0.00
76) Chrysene-d12	22.090	240	127268	20.000	ng	-0.01
86) Perylene-d12	25.633	264	123469	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.944	112	164909	154.695	ng	0.00
7) Phenol-d6	7.560	99	216146	137.263	ng	0.00
23) Nitrobenzene-d5	9.610	82	132524	101.066	ng	0.00
42) 2,4,6-Tribromophenol	16.514	330	110409	157.369	ng	0.00
45) 2-Fluorobiphenyl	13.670	172	360143	94.109	ng	0.00
79) Terphenyl-d14	20.339	244	772552	99.317	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.770	88	21932	46.927	ng	# 60
3) Pyridine	4.187	79	64108	43.366	ng	96
4) n-Nitrosodimethylamine	4.087	42	35472	51.478	ng	92
6) Aniline	7.748	93	39583	18.087	ng	97
8) 2-Chlorophenol	7.989	128	56887	53.934	ng	96
9) Benzaldehyde	7.554	77	16570	19.898	ng	85
10) Phenol	7.589	94	78587	48.788	ng	97
11) bis(2-Chloroethyl)ether	7.836	93	59115	48.912	ng	98
12) 1,3-Dichlorobenzene	8.323	146	58699	46.710	ng	99
13) 1,4-Dichlorobenzene	8.470	146	58602	46.305	ng	98
14) 1,2-Dichlorobenzene	8.799	146	58219	47.859	ng	99
15) Benzyl Alcohol	8.664	79	69412	49.229	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.952	45	73628	45.377	ng	99
17) 2-Methylphenol	8.858	107	54309	47.977	ng	98
18) Hexachloroethane	9.540	117	19059	47.541	ng	93
19) n-Nitroso-di-n-propyla...	9.240	70	55954	47.464	ng	97
20) 3+4-Methylphenols	9.187	107	74501	47.910	ng	92
22) Acetophenone	9.264	105	100914	49.193	ng	# 97
24) Nitrobenzene	9.651	77	74362	48.650	ng	96
25) Isophorone	10.174	82	151832	47.578	ng	97
26) 2-Nitrophenol	10.368	139	27099	50.191	ng	94
27) 2,4-Dimethylphenol	10.409	122	63350	51.346	ng	96
28) bis(2-Chloroethoxy)met...	10.650	93	80896	49.741	ng	98
29) 2,4-Dichlorophenol	10.909	162	67178	54.937	ng	95
30) 1,2,4-Trichlorobenzene	11.132	180	70032	48.077	ng	92
31) Naphthalene	11.326	128	176145	47.339	ng	99
32) Benzoic acid	10.527	122	35979m	45.245	ng	
34) Hexachlorobutadiene	11.602	225	49057	47.126	ng	98
35) Caprolactam	12.178	113	18326m	46.595	ng	
36) 4-Chloro-3-methylphenol	12.501	107	70056	51.951	ng	98
37) 2-Methylnaphthalene	12.895	142	133158	45.323	ng	97
38) 1-Methylnaphthalene	13.112	142	125261	45.691	ng	100
40) 1,2,4,5-Tetrachloroben...	13.253	216	93274	48.963	ng	97
41) Hexachlorocyclopentadiene	13.235	237	114473	110.792	ng	99
43) 2,4,6-Trichlorophenol	13.482	196	63831	55.227	ng	99
44) 2,4,5-Trichlorophenol	13.553	196	68689	49.586	ng	97

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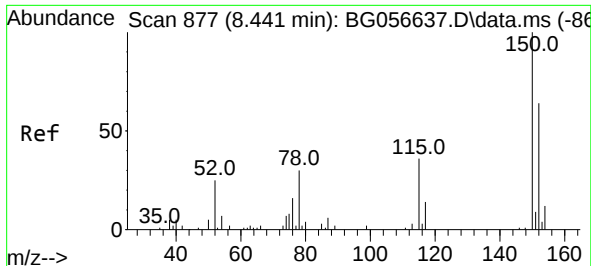
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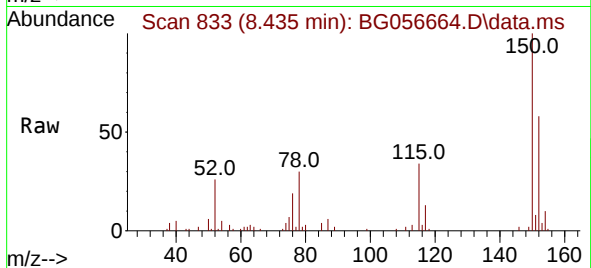
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.882	154	190895	49.177	ng	100
47) 2-Chloronaphthalene	13.929	162	155309	50.559	ng	99
48) 2-Nitroaniline	14.117	65	38801	43.868	ng	91
49) Acenaphthylene	14.769	152	241913	48.467	ng	99
50) Dimethylphthalate	14.481	163	213007	50.283	ng	98
51) 2,6-Dinitrotoluene	14.598	165	39842	48.286	ng	88
52) Acenaphthene	15.104	154	164414	53.402	ng	98
53) 3-Nitroaniline	14.922	138	10630	12.927	ng	# 90
54) 2,4-Dinitrophenol	15.127	184	52580	107.438	ng	# 60
55) Dibenzofuran	15.433	168	254689	48.966	ng	99
56) 4-Nitrophenol	15.209	139	66737	105.929	ng	91
57) 2,4-Dinitrotoluene	15.380	165	56005	54.209	ng	# 91
58) Fluorene	16.079	166	199570	48.527	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.644	232	65216	53.717	ng	# 93
60) Diethylphthalate	15.826	149	208117	48.704	ng	98
61) 4-Chlorophenyl-phenyle...	16.061	204	121298	48.279	ng	100
62) 4-Nitroaniline	16.085	138	32737	38.200	ng	90
63) Azobenzene	16.355	77	202612	47.377	ng	98
65) 4,6-Dinitro-2-methylph...	16.138	198	33371	49.736	ng	95
66) n-Nitrosodiphenylamine	16.273	169	161933	42.841	ng	97
67) 4-Bromophenyl-phenylether	16.954	248	82294	49.332	ng	95
68) Hexachlorobenzene	17.078	284	89090	52.420	ng	97
69) Atrazine	17.201	200	31362	21.608	ng	96
70) Pentachlorophenol	17.413	266	109495	97.283	ng	95
71) Phenanthrene	17.818	178	351285	49.695	ng	99
72) Anthracene	17.906	178	357922	49.484	ng	99
73) Carbazole	18.165	167	268762	43.104	ng	98
74) Di-n-butylphthalate	18.700	149	349130	50.035	ng	100
75) Fluoranthene	19.798	202	454468	48.726	ng	99
78) Pyrene	20.163	202	467112	48.599	ng	99
80) Butylbenzylphthalate	21.026	149	146670	50.817	ng	97
81) Benzo(a)anthracene	22.066	228	465813	49.216	ng	98
82) 3,3'-Dichlorobenzidine	21.966	252	7369m	2.400	ng	
83) Chrysene	22.143	228	431688	48.790	ng	99
84) Bis(2-ethylhexyl)phtha...	21.937	149	213813	49.436	ng	99
85) Di-n-octyl phthalate	23.265	149	354608	49.330	ng	100
87) Indeno(1,2,3-cd)pyrene	29.722	276	522931	54.079	ng	# 98
88) Benzo(b)fluoranthene	24.499	252	486102	60.263	ng	99
89) Benzo(k)fluoranthene	24.575	252	452497	57.045	ng	99
90) Benzo(a)pyrene	25.468	252	399062	51.468	ng	97
91) Dibenzo(a,h)anthracene	29.798	278	449991	56.188	ng	98
92) Benzo(g,h,i)perylene	31.015	276	392603	50.170	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.435 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

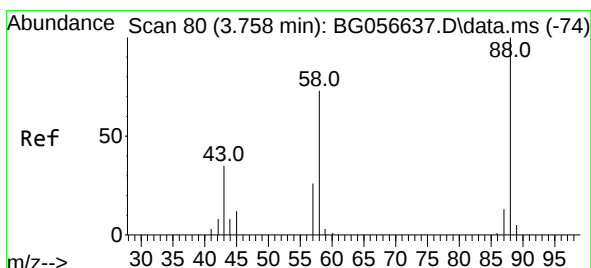
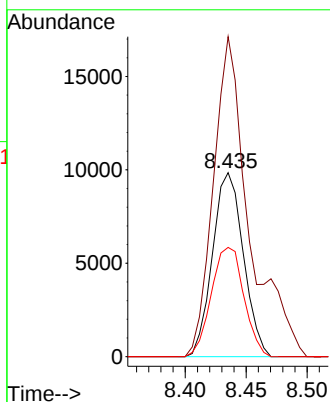
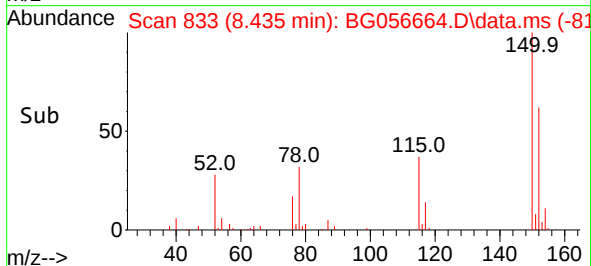
Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD



Tgt Ion:152 Resp: 1734
Ion Ratio Lower Upper
152 100
150 173.9 124.8 187.2
115 59.4 44.7 67.1

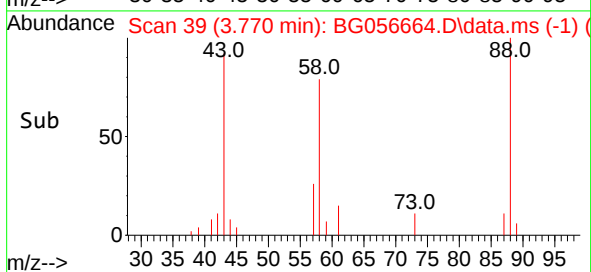
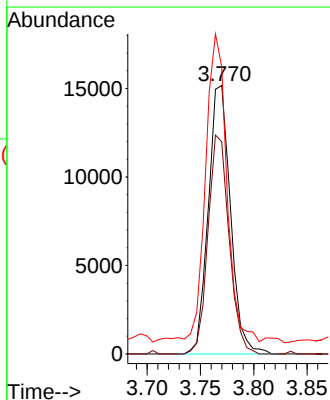
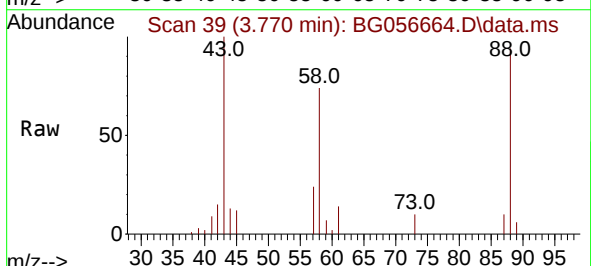
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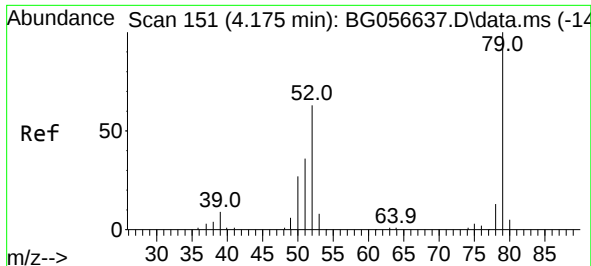
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023



#2
1,4-Dioxane
Concen: 46.927 ng
RT: 3.770 min Scan# 39
Delta R.T. 0.012 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

Tgt Ion: 88 Resp: 21932
Ion Ratio Lower Upper
88 100
58 77.4 62.2 93.2
43 109.2 26.6 40.0#





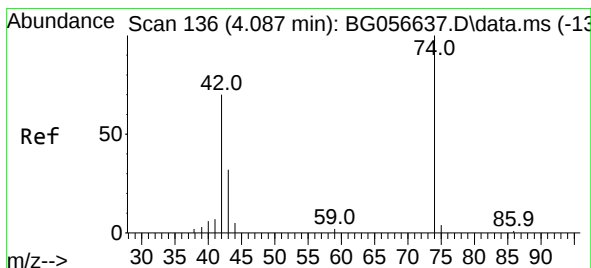
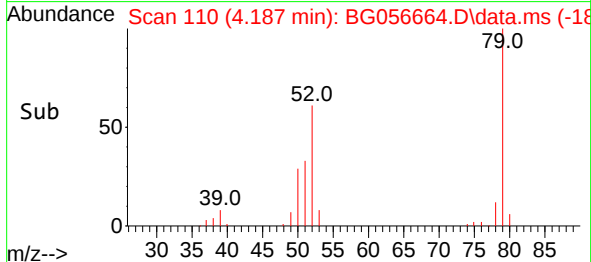
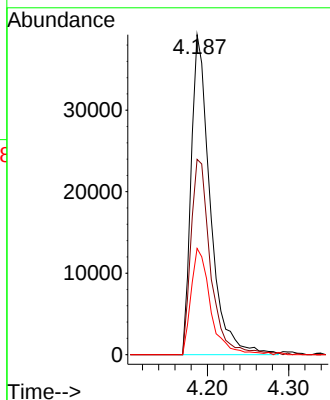
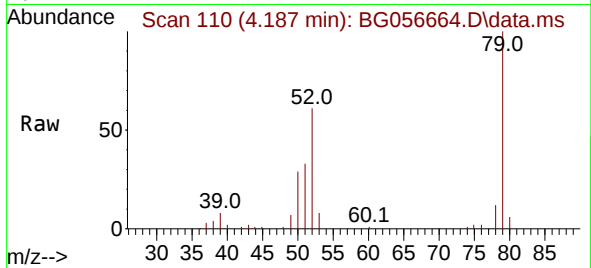
#3
Pyridine
Concen: 43.366 ng
RT: 4.187 min Scan# 11
Delta R.T. 0.012 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD

Tgt Ion: 79 Resp: 64108
Ion Ratio Lower Upper
79 100
52 61.0 50.8 76.2
51 33.2 29.1 43.7

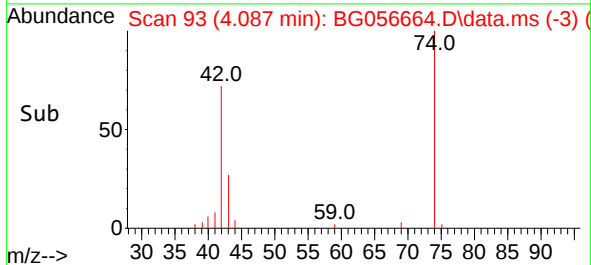
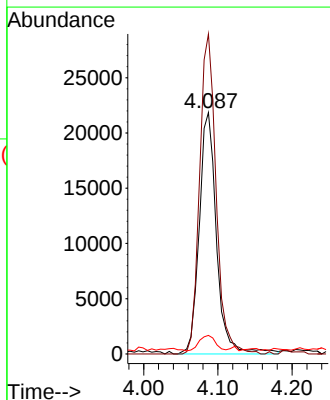
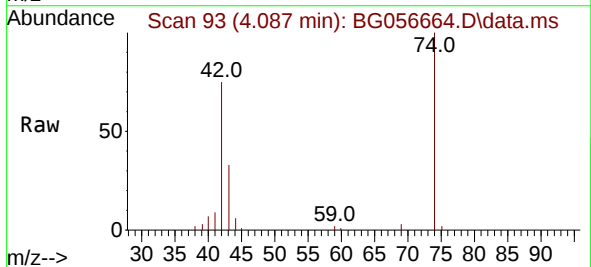
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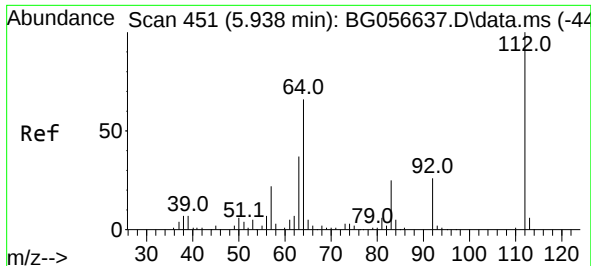
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023



#4
n-Nitrosodimethylamine
Concen: 51.478 ng
RT: 4.087 min Scan# 93
Delta R.T. 0.000 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

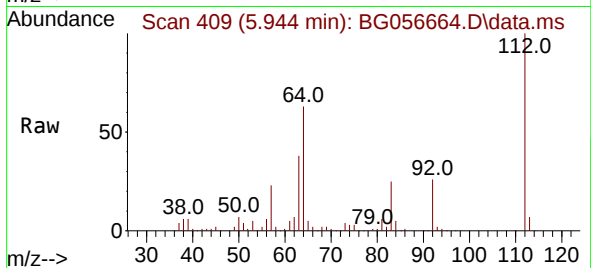
Tgt Ion: 42 Resp: 35472
Ion Ratio Lower Upper
42 100
74 132.5 114.5 171.7
44 7.7 7.2 10.8





#5
2-Fluorophenol
Concen: 154.695 ng
RT: 5.944 min Scan# 409
Delta R.T. 0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

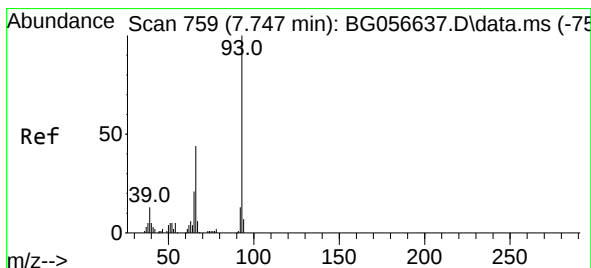
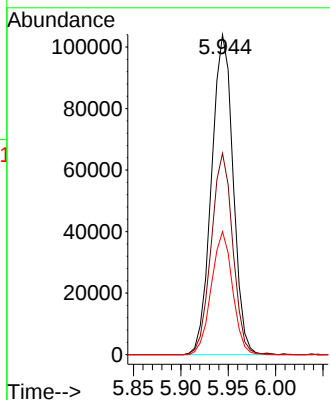
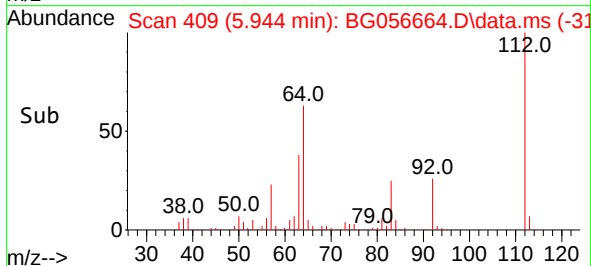
Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD



Tgt Ion:112 Resp: 164909
Ion Ratio Lower Upper
112 100
64 62.9 52.6 78.8
63 38.4 29.8 44.6

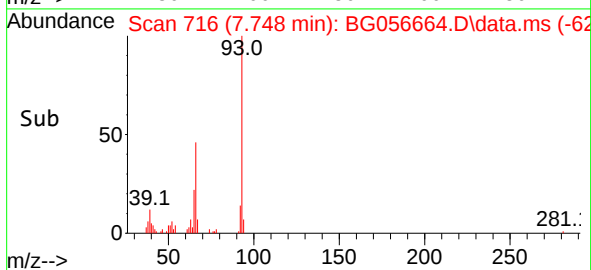
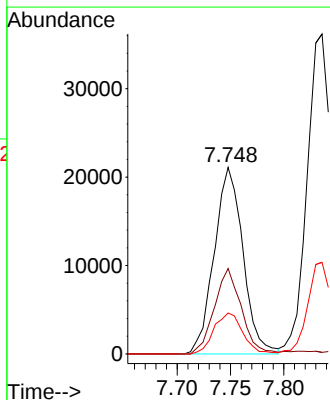
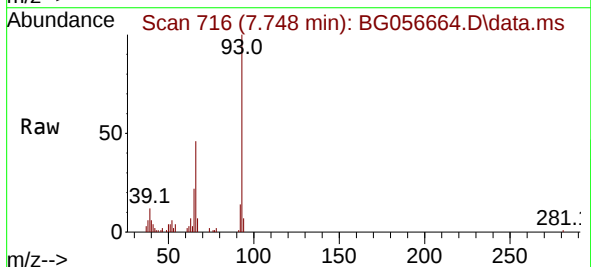
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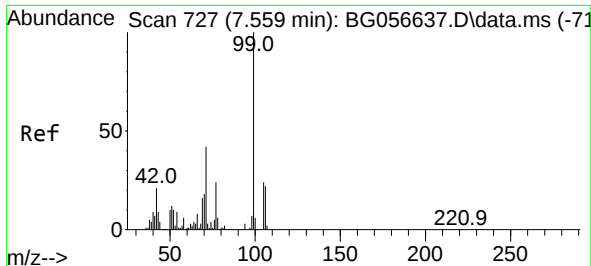
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023



#6
Aniline
Concen: 18.087 ng
RT: 7.748 min Scan# 716
Delta R.T. 0.000 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

Tgt Ion: 93 Resp: 39583
Ion Ratio Lower Upper
93 100
66 45.8 35.0 52.4
65 22.0 16.5 24.7





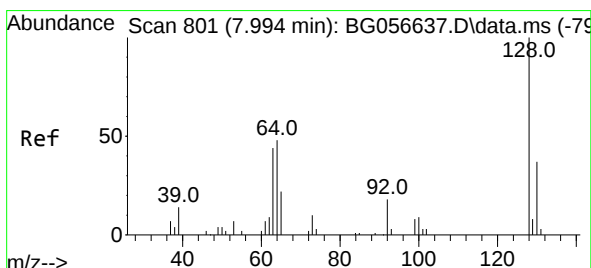
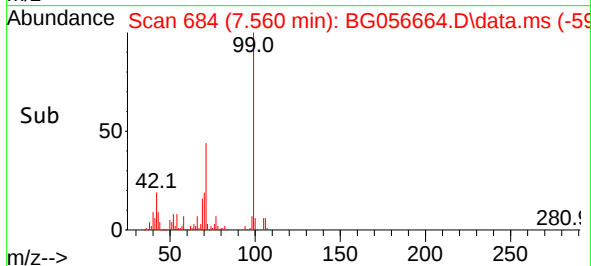
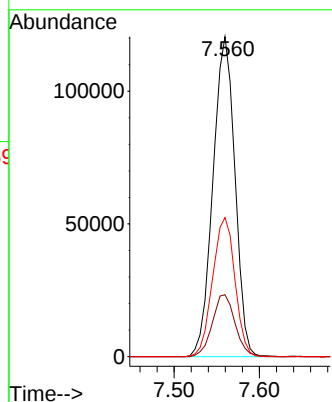
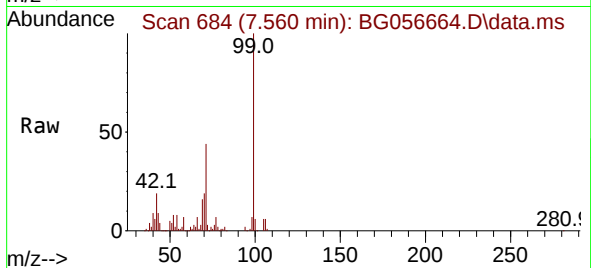
#7
Phenol-d6
Concen: 137.263 ng
RT: 7.560 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD

Tgt Ion: 99 Resp: 216140
Ion Ratio Lower Upper
99 100
42 19.4 16.8 25.2
71 43.5 33.9 50.9

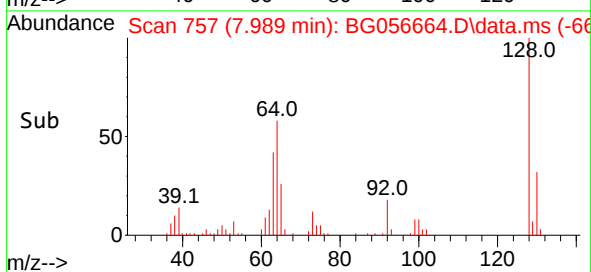
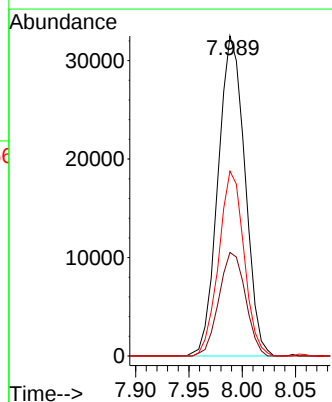
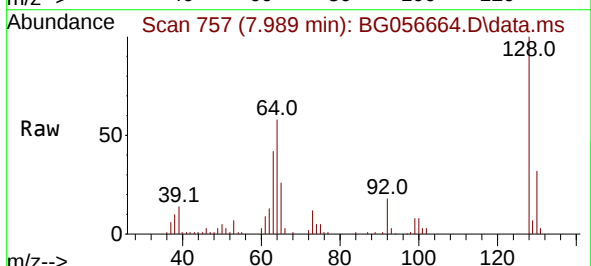
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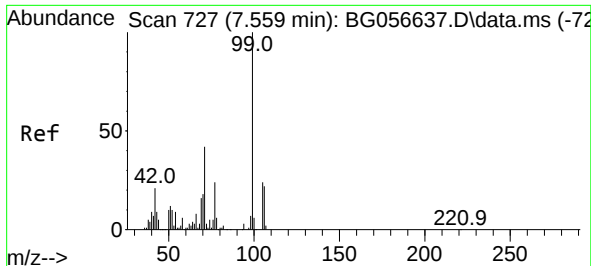
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Supervised By :mohammad ahmed 02/20/2023



#8
2-Chlorophenol
Concen: 53.934 ng
RT: 7.989 min Scan# 757
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

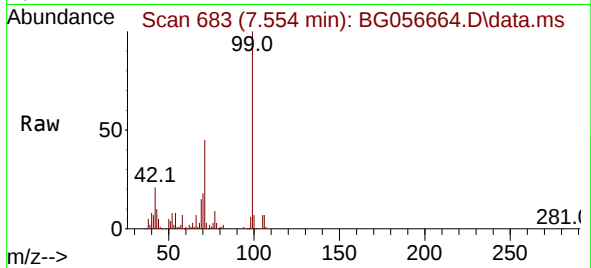
Tgt Ion:128 Resp: 56887
Ion Ratio Lower Upper
128 100
130 32.3 16.8 56.8
64 57.8 36.3 76.3





#9
Benzaldehyde
Concen: 19.898 ng
RT: 7.554 min Scan# 683
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

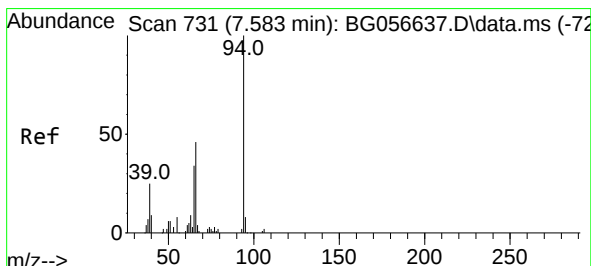
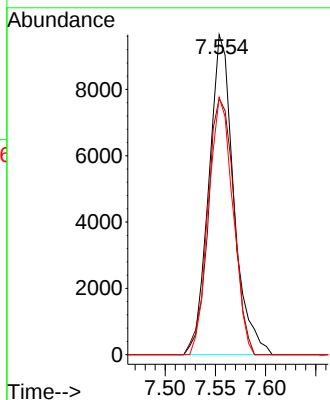
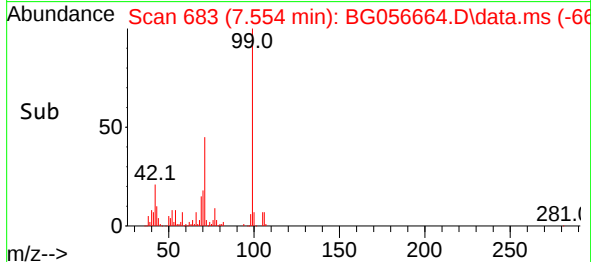
Instrument :
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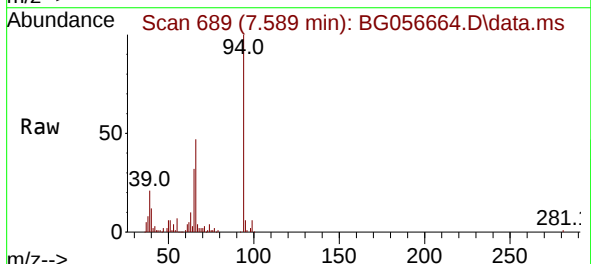
Tgt Ion: 77 Resp: 16570
Ion Ratio Lower Upper
77 100
105 80.1 78.4 118.4
106 80.4 71.3 111.3

Manual Integrations
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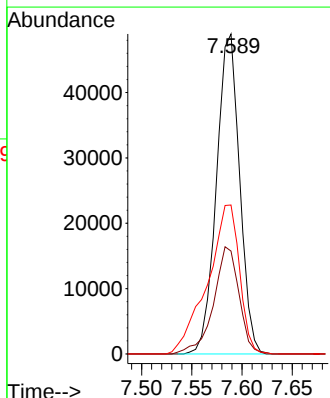
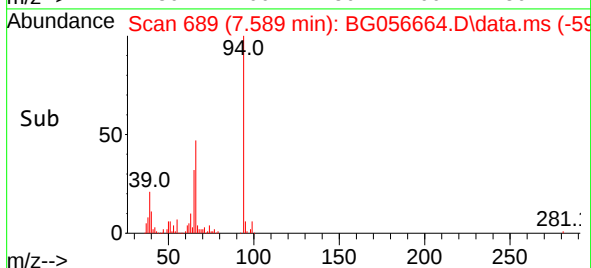
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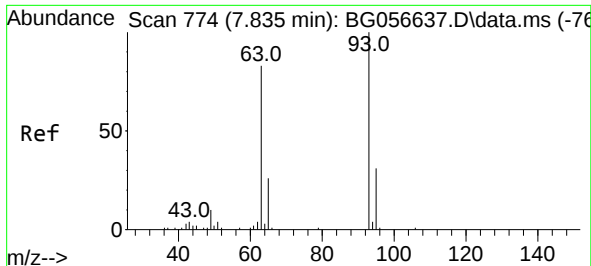


#10
Phenol
Concen: 48.788 ng
RT: 7.589 min Scan# 689
Delta R.T. 0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32



Tgt Ion: 94 Resp: 78587
Ion Ratio Lower Upper
94 100
65 32.2 14.2 54.2
66 46.5 27.9 67.9





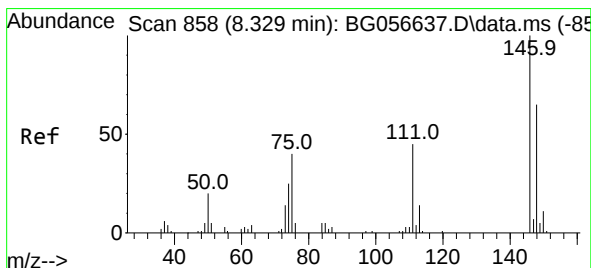
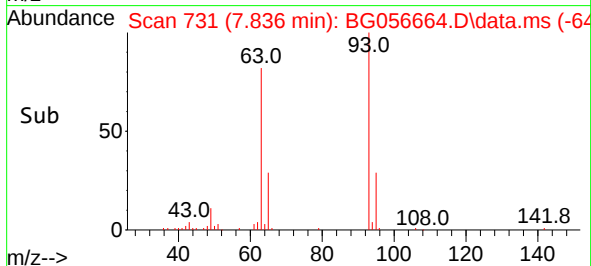
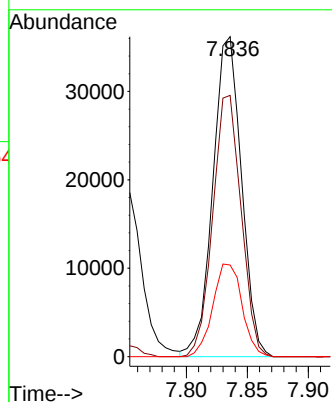
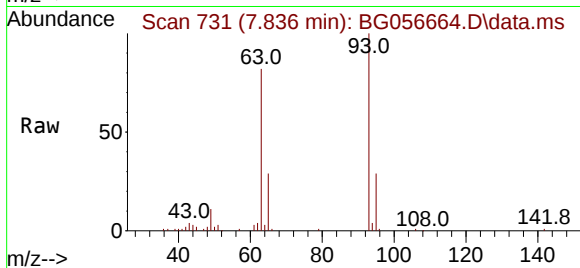
#11
bis(2-Chloroethyl)ether
Concen: 48.912 ng
RT: 7.836 min Scan# 711
Delta R.T. 0.000 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD

Tgt Ion: 93 Resp: 5911
Ion Ratio Lower Upper
93 100
63 81.6 62.8 102.8
95 28.6 10.8 50.8

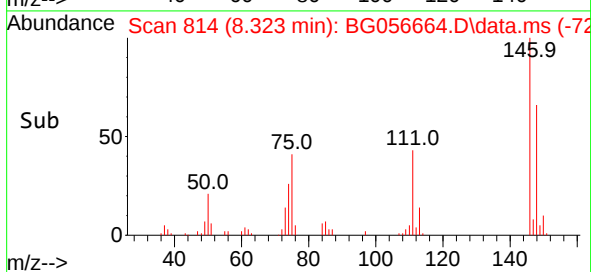
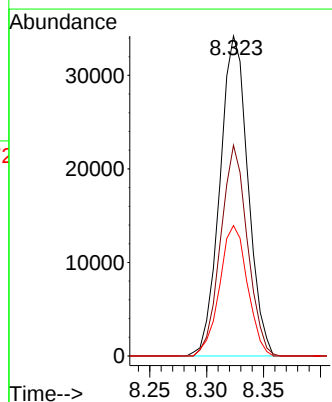
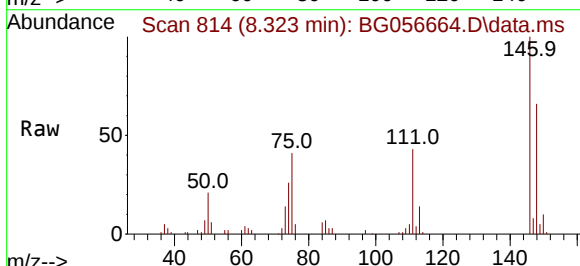
Manual Integrations
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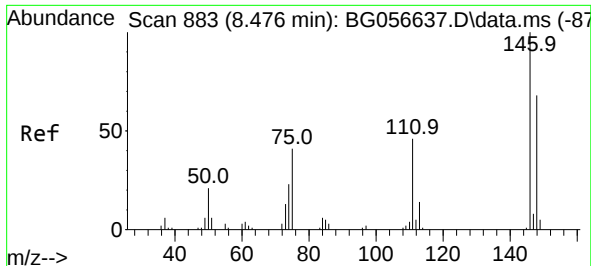
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023



#12
1,3-Dichlorobenzene
Concen: 46.710 ng
RT: 8.323 min Scan# 814
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

Tgt Ion:146 Resp: 58699
Ion Ratio Lower Upper
146 100
148 65.9 51.9 77.9
75 40.8 31.8 47.6





#13

1,4-Dichlorobenzene

Concen: 46.305 ng

RT: 8.470 min Scan# 81

Delta R.T. -0.006 min

Lab File: BG056664.D

Acq: 17 Feb 2023 20:32

Instrument :

BNA_G

ClientSampleId :

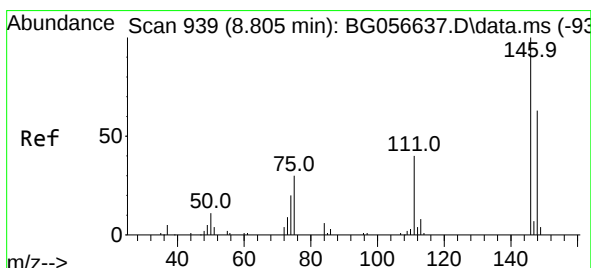
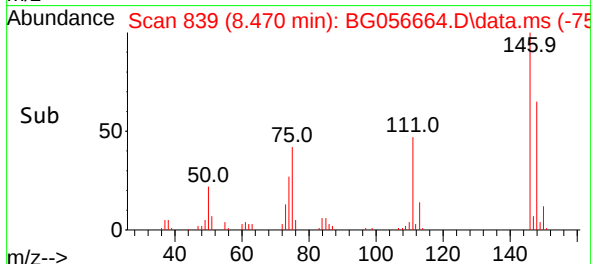
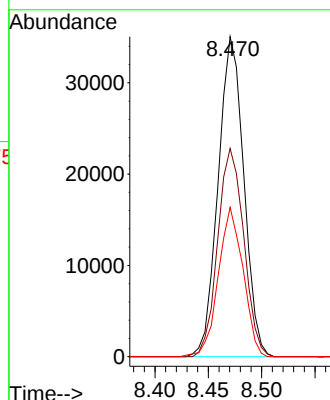
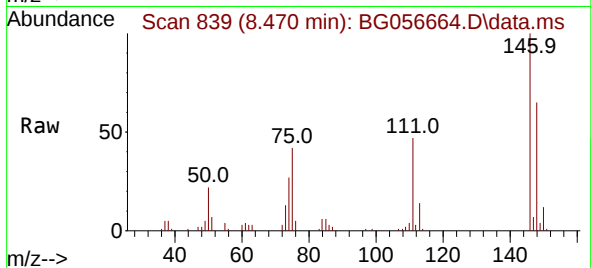
COMP-277-281MSD

Tgt Ion:146 Resp: 58602
 Ion Ratio Lower Upper
 146 100
 148 65.0 54.5 81.7
 111 46.7 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/18/2023
 Supervised By :mohammad ahmed 02/20/2023



#14

1,2-Dichlorobenzene

Concen: 47.859 ng

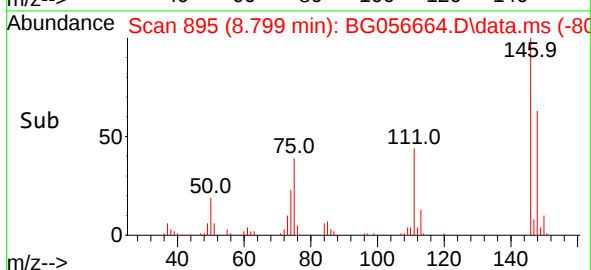
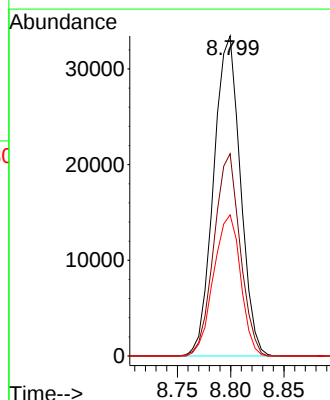
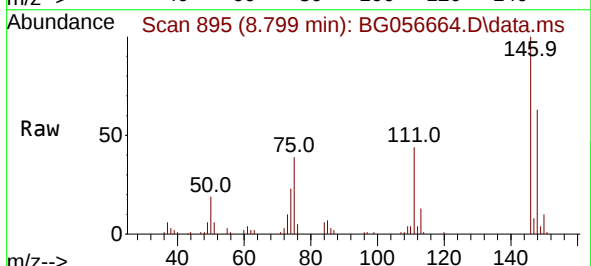
RT: 8.799 min Scan# 895

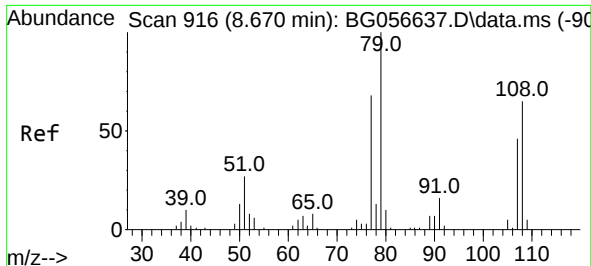
Delta R.T. -0.006 min

Lab File: BG056664.D

Acq: 17 Feb 2023 20:32

Tgt Ion:146 Resp: 58219
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.7 76.1
 111 44.1 33.8 50.6





#15
Benzyl Alcohol
Concen: 49.229 ng
RT: 8.664 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

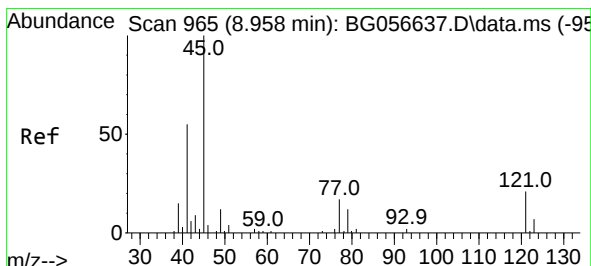
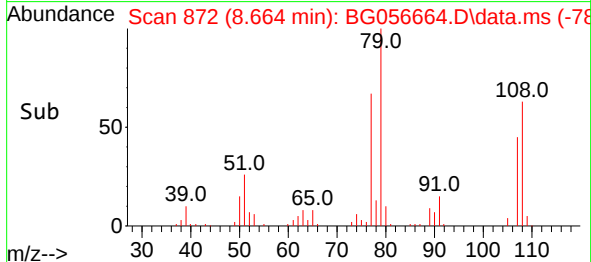
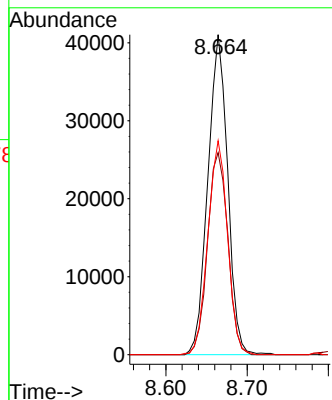
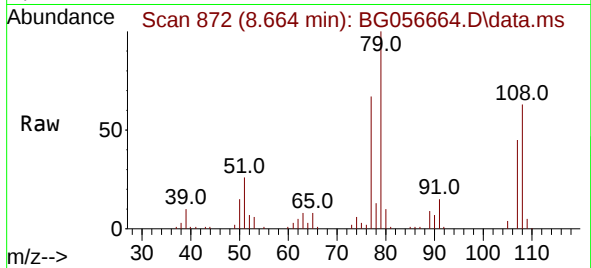
Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD

Tgt Ion: 79 Resp: 6941

Ion	Ratio	Lower	Upper
79	100		
108	63.2	52.0	78.0
77	66.8	54.2	81.2

Manual Integrations
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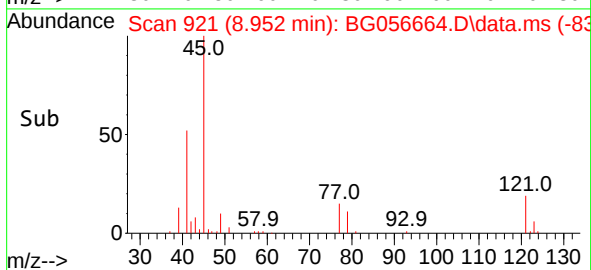
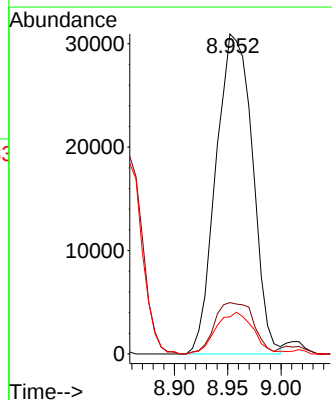
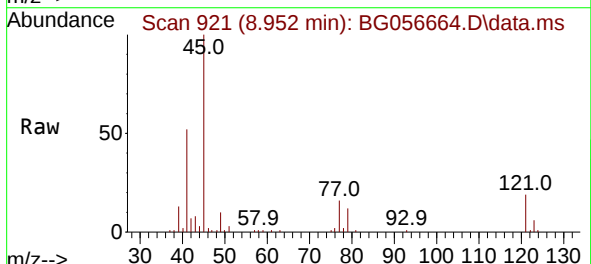
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023

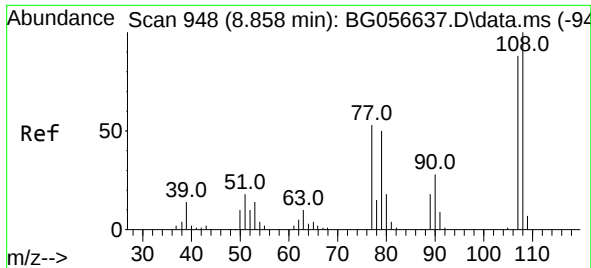


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.377 ng
RT: 8.952 min Scan# 921
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

Tgt Ion: 45 Resp: 73628

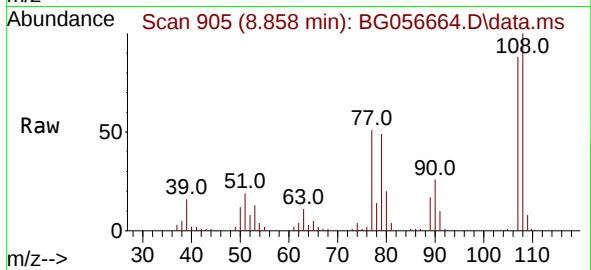
Ion	Ratio	Lower	Upper
45	100		
77	16.1	0.0	36.5
79	11.6	0.0	31.6





#17
2-Methylphenol
Concen: 47.977 ng
RT: 8.858 min Scan# 905
Delta R.T. 0.000 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

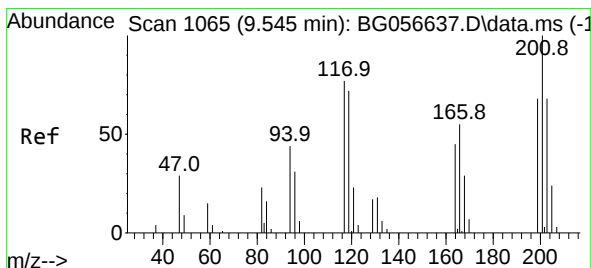
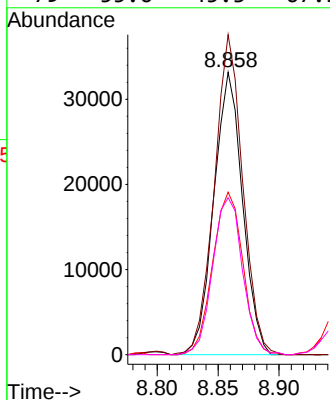
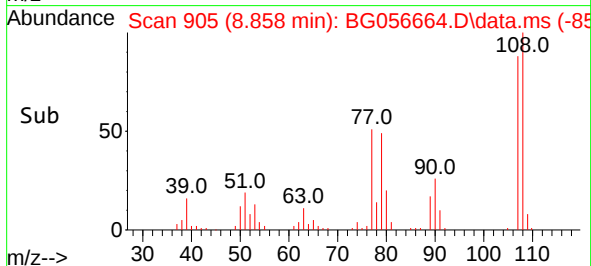
Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD



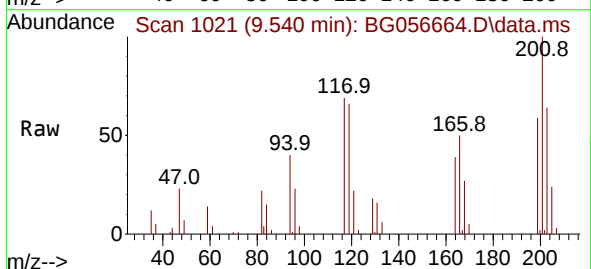
Tgt Ion:107 Resp: 54309
Ion Ratio Lower Upper
107 100
108 113.3 91.3 136.9
77 57.6 48.5 72.7
79 55.6 45.3 67.9

Manual Integrations
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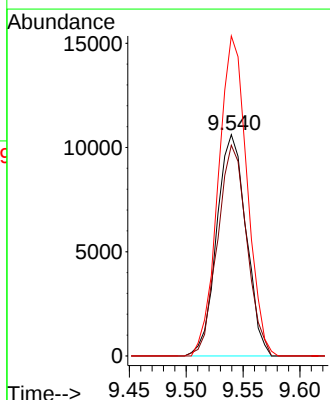
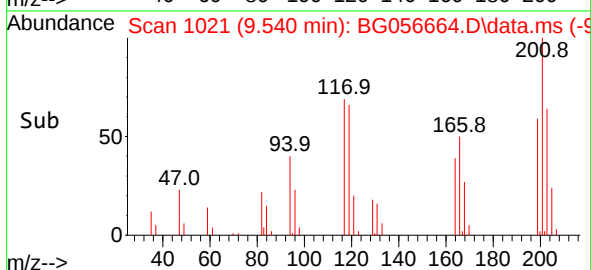
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023

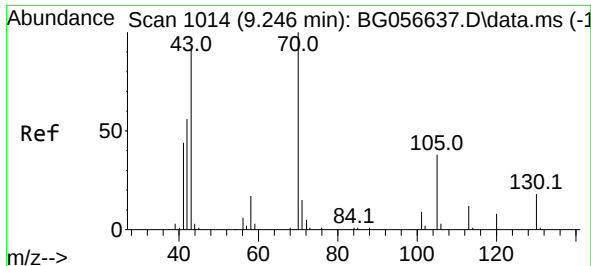


#18
Hexachloroethane
Concen: 47.541 ng
RT: 9.540 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32



Tgt Ion:117 Resp: 19059
Ion Ratio Lower Upper
117 100
119 95.2 74.1 111.1
201 144.6 106.4 159.6





#19

n-Nitroso-di-n-propylamine

Concen: 47.464 ng

RT: 9.240 min Scan# 91

Delta R.T. -0.006 min

Lab File: BG056664.D

Acq: 17 Feb 2023 20:32

Instrument :

BNA_G

ClientSampleId :

COMP-277-281MSD

Tgt Ion: 70 Resp: 55954

Ion Ratio Lower Upper

70 100

42 55.1 45.7 68.5

101 10.6 7.4 11.0

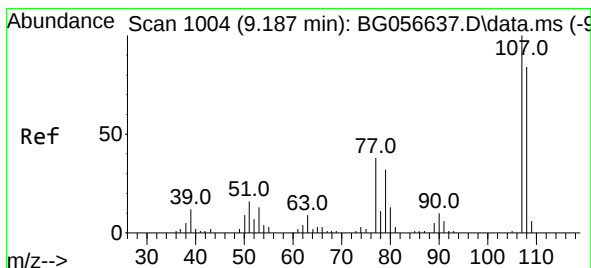
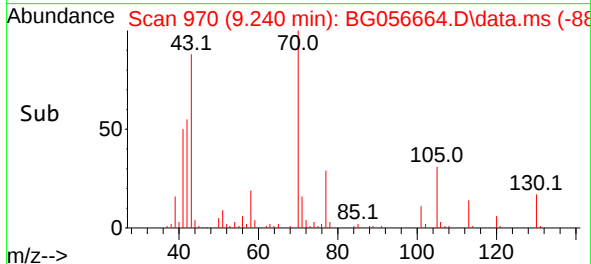
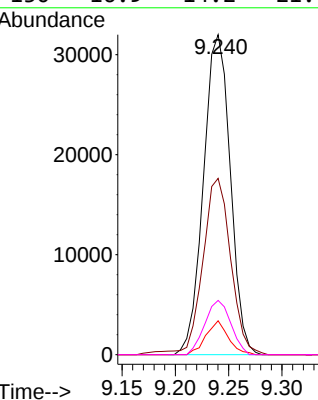
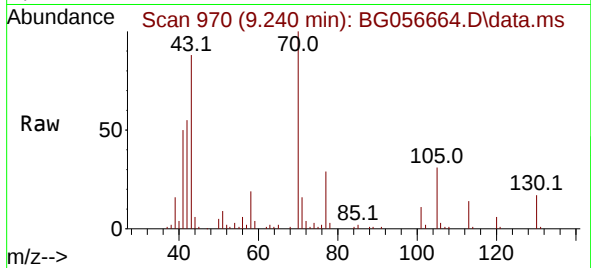
130 16.9 14.2 21.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/18/2023

Supervised By :mohammad ahmed 02/20/2023



#20

3+4-Methylphenols

Concen: 47.910 ng

RT: 9.187 min Scan# 961

Delta R.T. 0.000 min

Lab File: BG056664.D

Acq: 17 Feb 2023 20:32

Tgt Ion:107 Resp: 74501

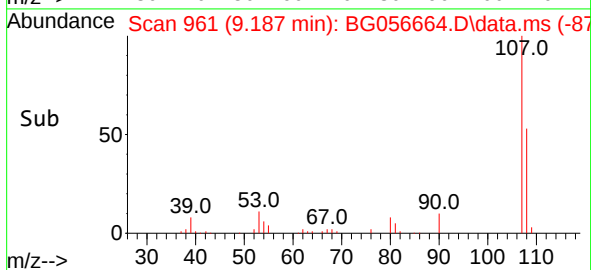
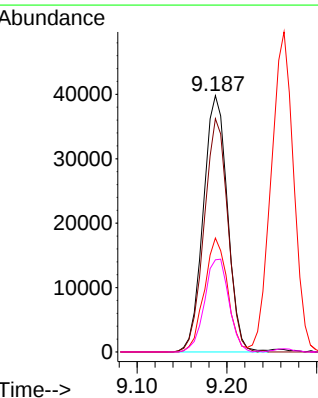
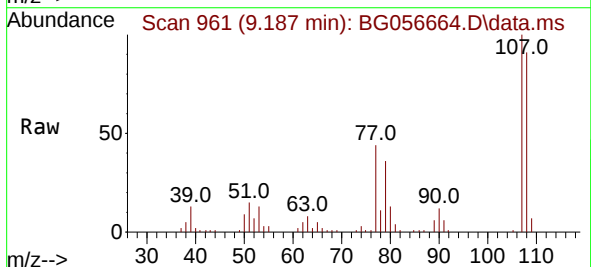
Ion Ratio Lower Upper

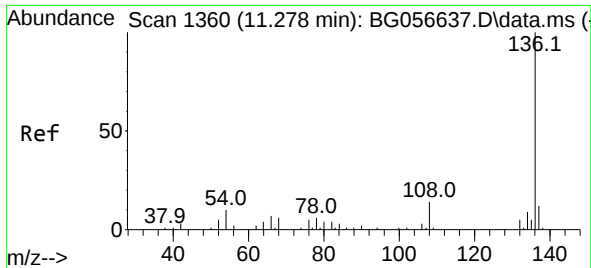
107 100

108 91.0 64.3 104.3

77 44.5 17.8 57.8

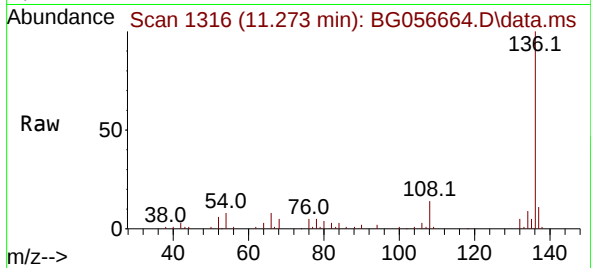
79 36.0 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.273 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

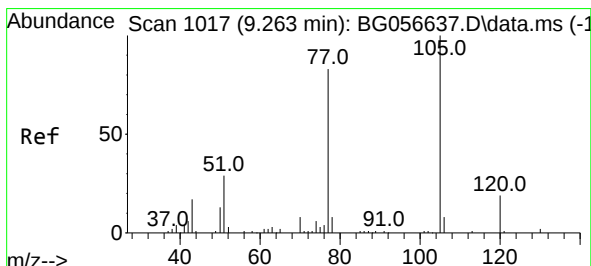
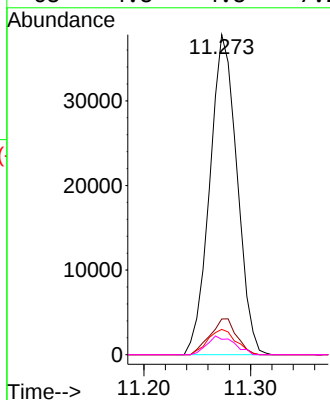
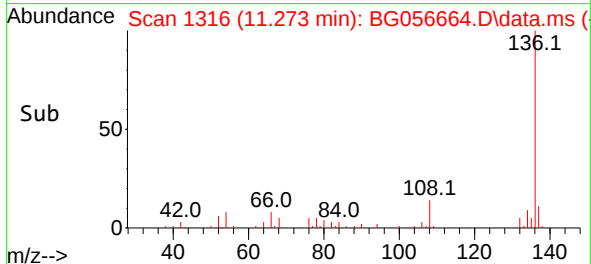
Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD



Tgt Ion:136 Resp: 67138
Ion Ratio Lower Upper
136 100
137 11.2 9.7 14.5
54 7.9 7.7 11.5
68 4.8 4.8 7.2#

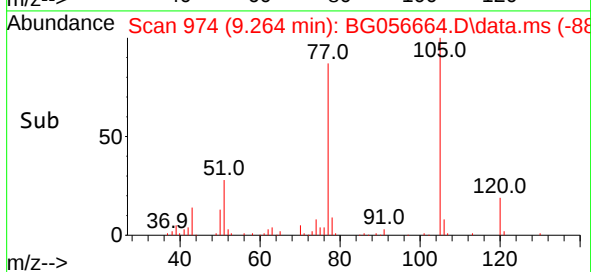
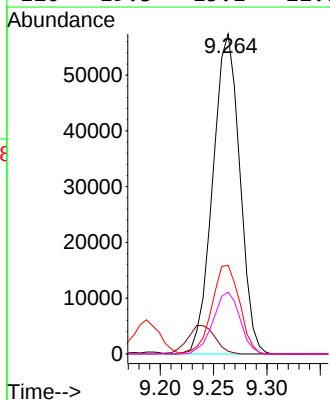
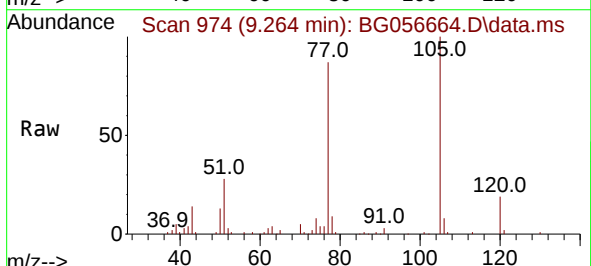
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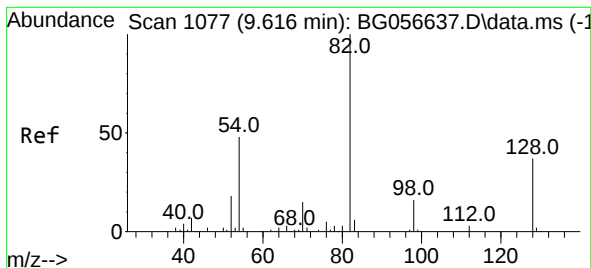
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023



#22
Acetophenone
Concen: 49.193 ng
RT: 9.264 min Scan# 974
Delta R.T. 0.000 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

Tgt Ion:105 Resp: 100914
Ion Ratio Lower Upper
105 100
71 0.8 1.4 2.0#
51 27.7 23.9 35.9
120 19.3 15.1 22.7





#23

Nitrobenzene-d5

Concen: 101.066 ng

RT: 9.610 min Scan# 1077

Delta R.T. -0.006 min

Lab File: BG056664.D

Acq: 17 Feb 2023 20:32

Instrument :

BNA_G

ClientSampleId :

COMP-277-281MSD

Tgt Ion: 82 Resp: 132524

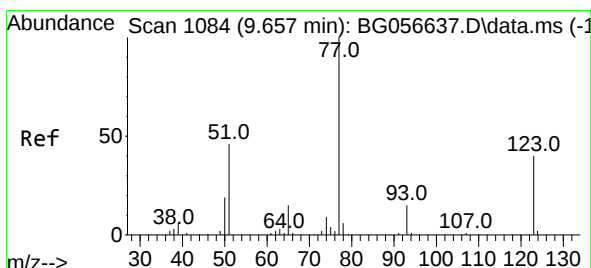
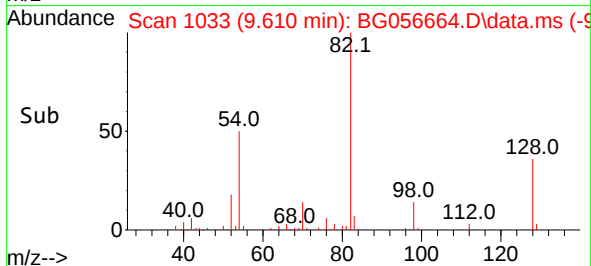
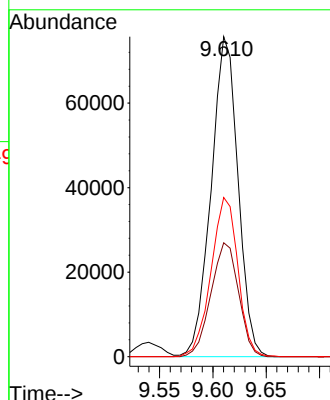
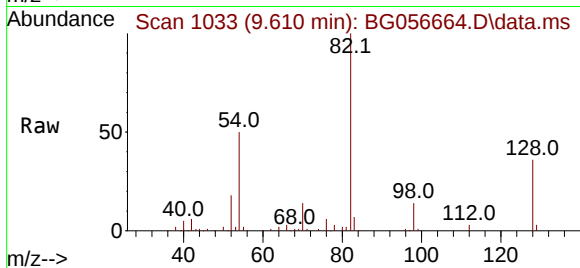
Ion	Ratio	Lower	Upper
82	100		
128	35.6	29.4	44.2
54	49.7	37.8	56.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/18/2023

Supervised By :mohammad ahmed 02/20/2023



#24

Nitrobenzene

Concen: 48.650 ng

RT: 9.651 min Scan# 1040

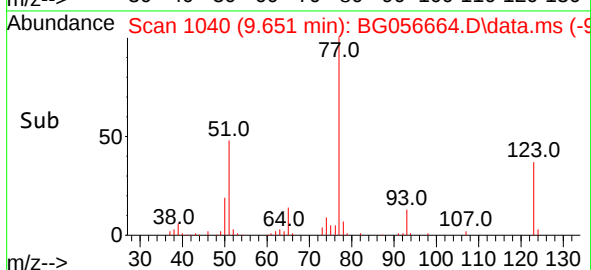
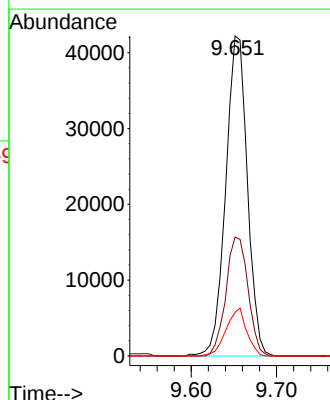
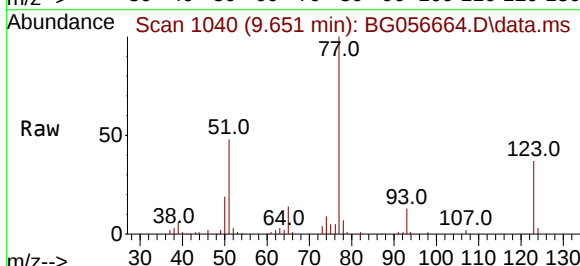
Delta R.T. -0.006 min

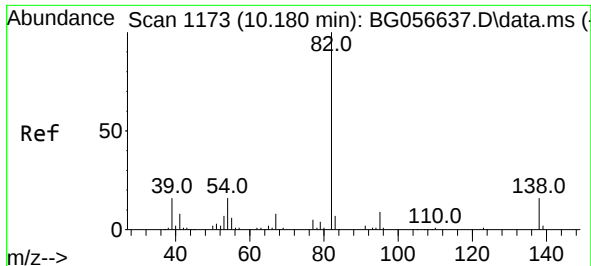
Lab File: BG056664.D

Acq: 17 Feb 2023 20:32

Tgt Ion: 77 Resp: 74362

Ion	Ratio	Lower	Upper
77	100		
123	37.1	31.8	47.8
65	13.7	12.0	18.0





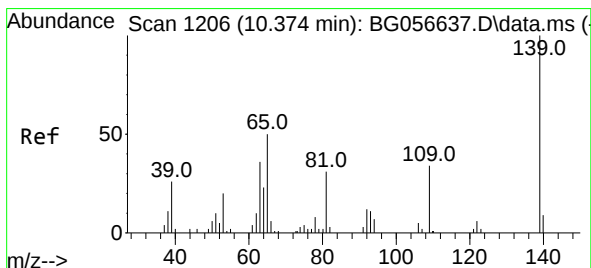
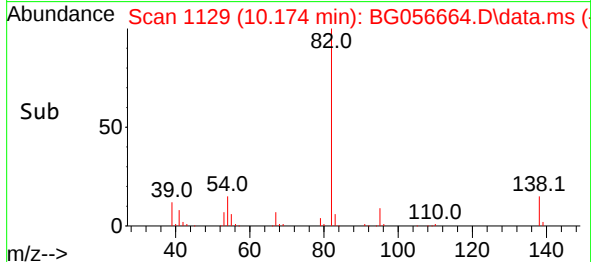
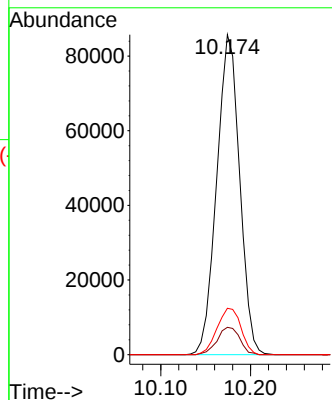
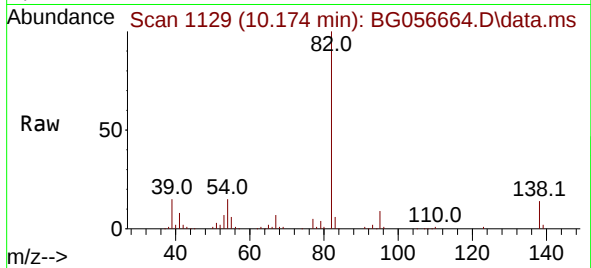
#25
Isophorone
Concen: 47.578 ng
RT: 10.174 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD

Tgt Ion: 82 Resp: 15183
Ion Ratio Lower Upper
82 100
95 8.6 7.0 10.4
138 14.5 12.9 19.3

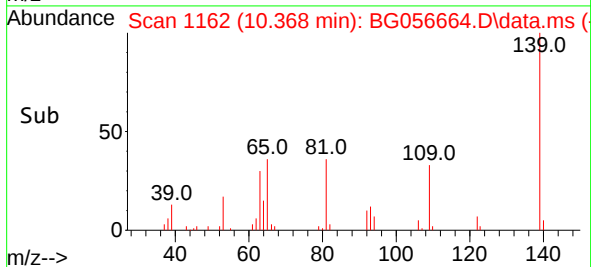
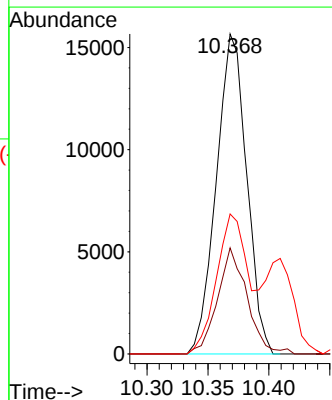
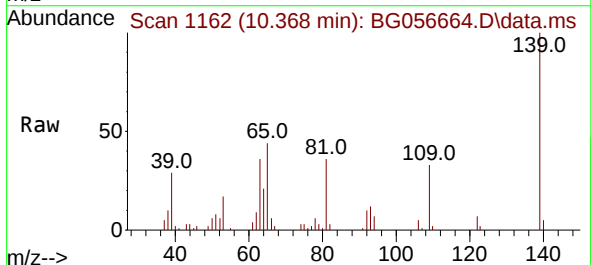
Manual Integrations
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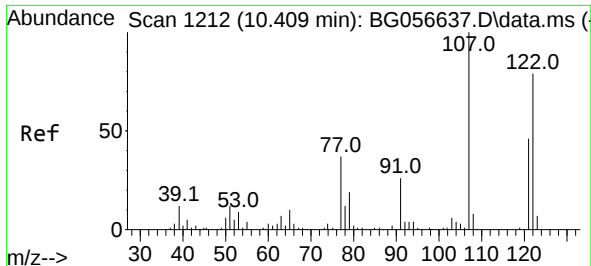
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023



#26
2-Nitrophenol
Concen: 50.191 ng
RT: 10.368 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

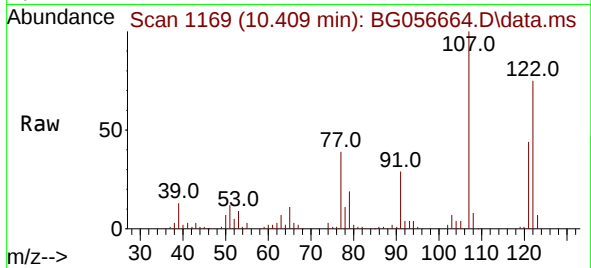
Tgt Ion:139 Resp: 27099
Ion Ratio Lower Upper
139 100
109 33.1 27.0 40.6
65 43.8 40.0 60.0





#27
2,4-Dimethylphenol
Concen: 51.346 ng
RT: 10.409 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

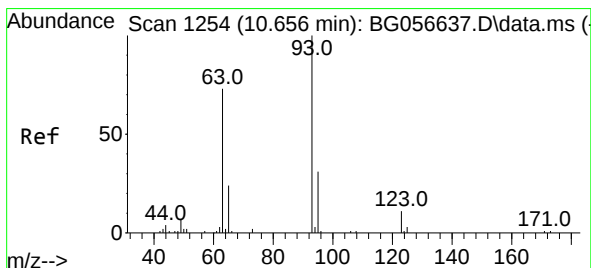
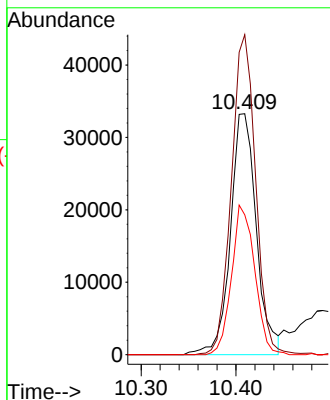
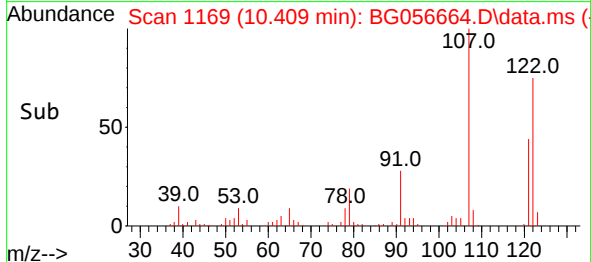
Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD



Tgt Ion:122 Resp: 63350
Ion Ratio Lower Upper
122 100
107 132.8 101.6 152.4
121 58.0 47.2 70.8

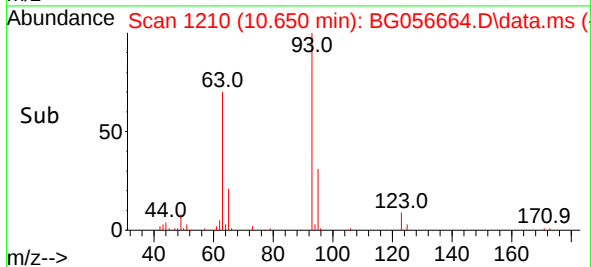
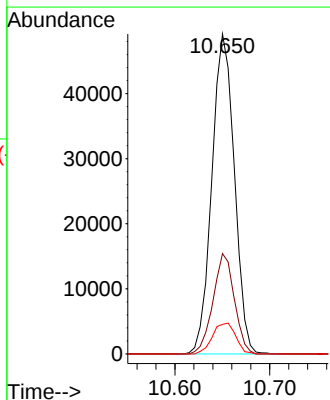
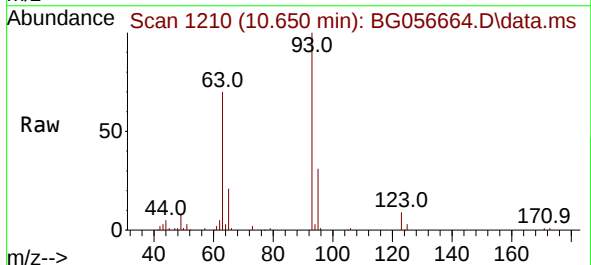
Manual Integrations
APPROVED

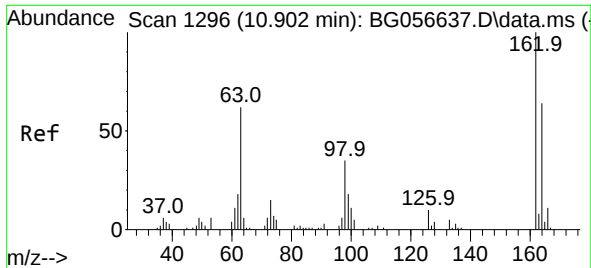
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023



#28
bis(2-Chloroethoxy)methane
Concen: 49.741 ng
RT: 10.650 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

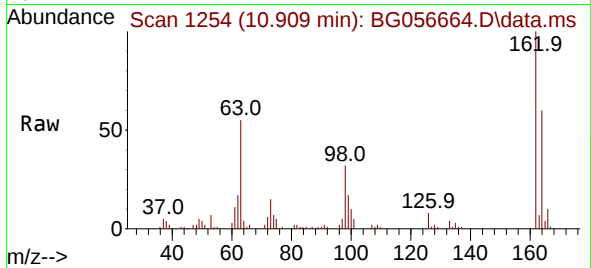
Tgt Ion: 93 Resp: 80896
Ion Ratio Lower Upper
93 100
95 31.3 24.5 36.7
123 9.2 8.7 13.1





#29
2,4-Dichlorophenol
Concen: 54.937 ng
RT: 10.909 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

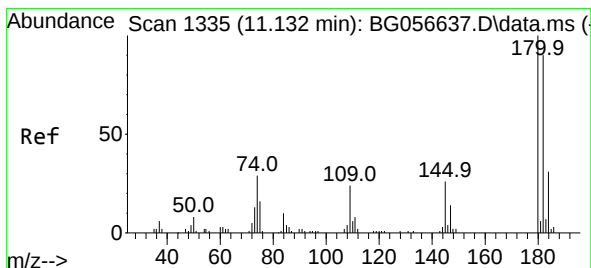
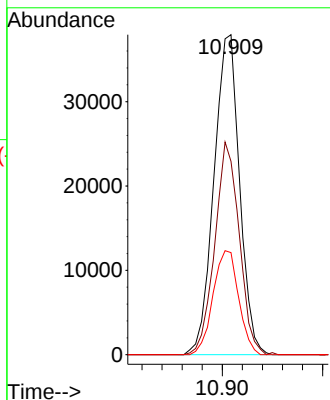
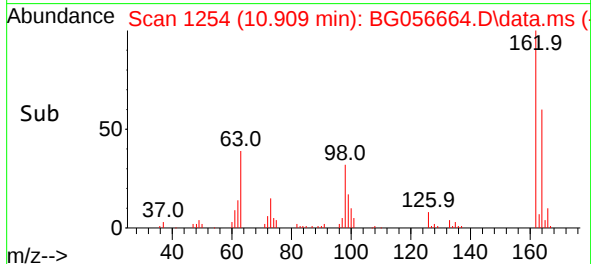
Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD



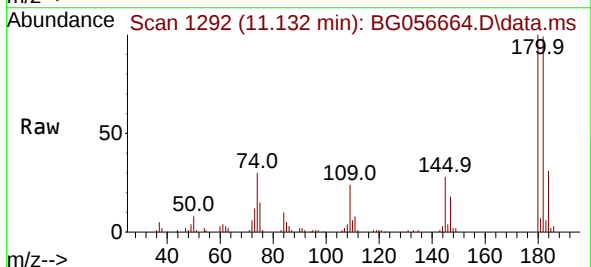
Tgt Ion:162 Resp: 67178
Ion Ratio Lower Upper
162 100
164 60.4 44.1 84.1
98 31.9 14.8 54.8

Manual Integrations
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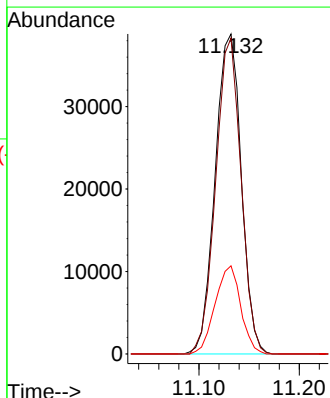
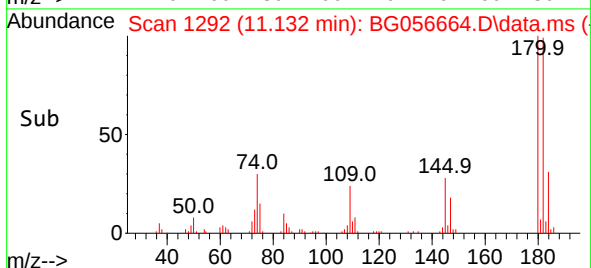
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023

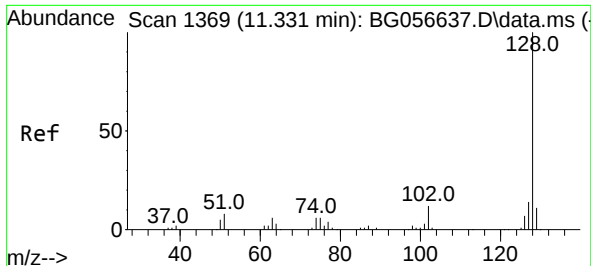


#30
1,2,4-Trichlorobenzene
Concen: 48.077 ng
RT: 11.132 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32



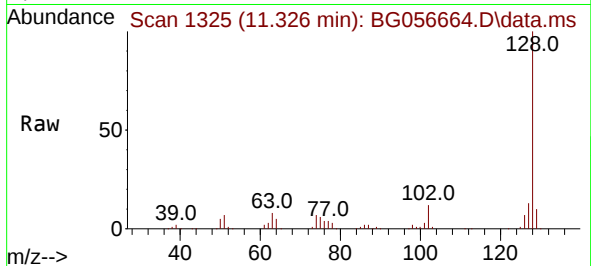
Tgt Ion:180 Resp: 70032
Ion Ratio Lower Upper
180 100
182 98.7 71.7 107.5
145 27.6 20.6 30.8





#31
Naphthalene
Concen: 47.339 ng
RT: 11.326 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

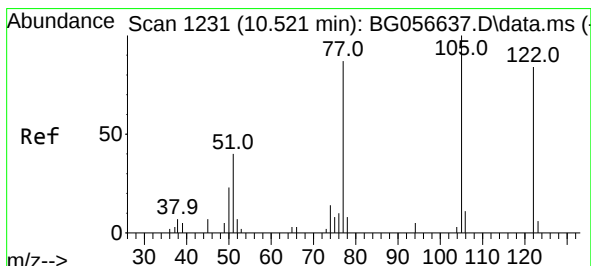
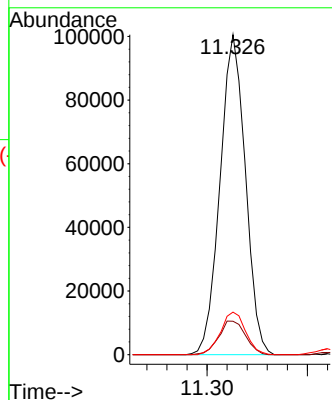
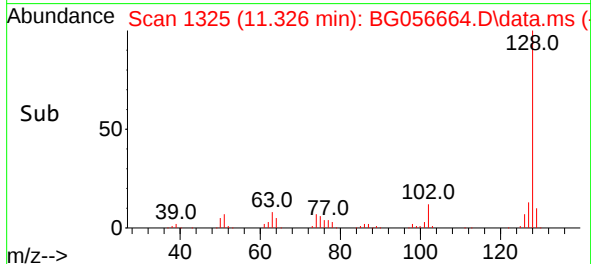
Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD



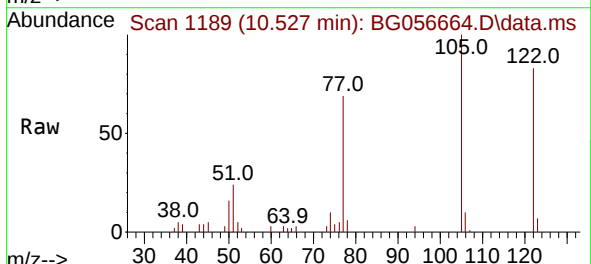
Tgt Ion:128 Resp: 176149
Ion Ratio Lower Upper
128 100
129 10.5 8.7 13.1
127 13.3 10.9 16.3

Manual Integrations
APPROVED

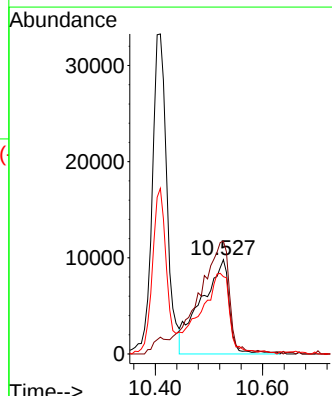
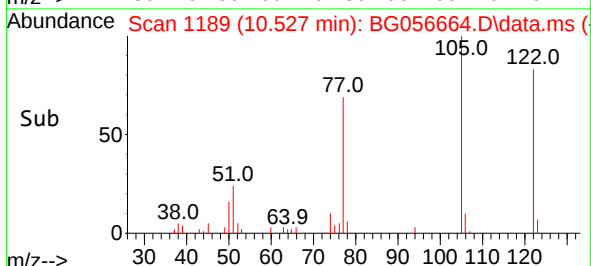
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023

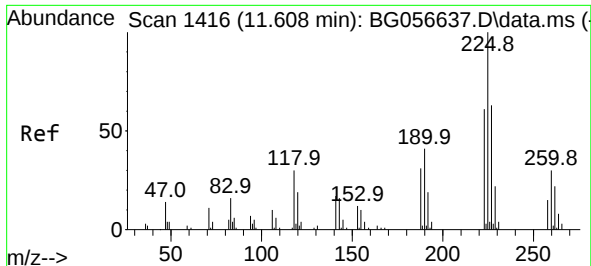


#32
Benzoic acid
Concen: 45.245 ng m
RT: 10.527 min Scan# 1189
Delta R.T. 0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32



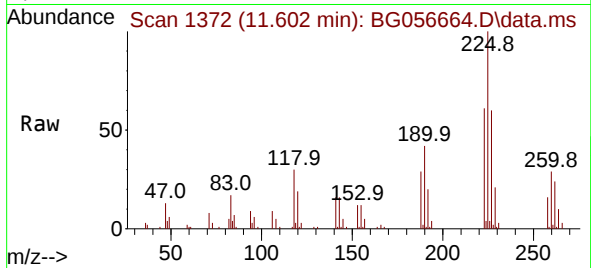
Tgt Ion:122 Resp: 35979
Ion Ratio Lower Upper
122 100
105 119.9 100.5 140.5
77 82.1 80.8 120.8





#34
Hexachlorobutadiene
Concen: 47.126 ng
RT: 11.602 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

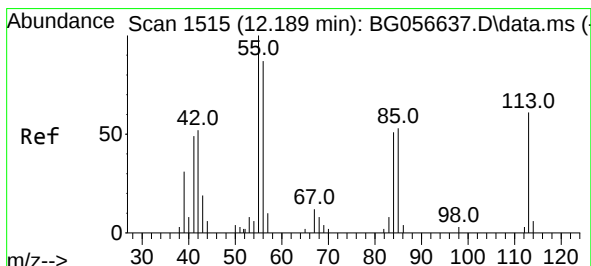
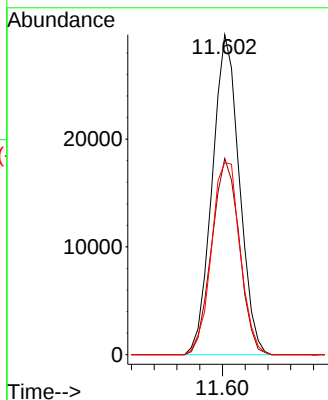
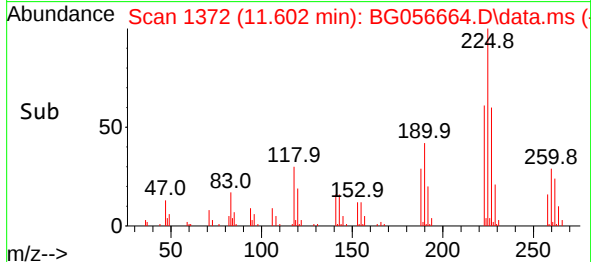
Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD



Tgt Ion:225 Resp: 4905
Ion Ratio Lower Upper
225 100
223 61.3 48.5 72.7
227 60.0 50.2 75.4

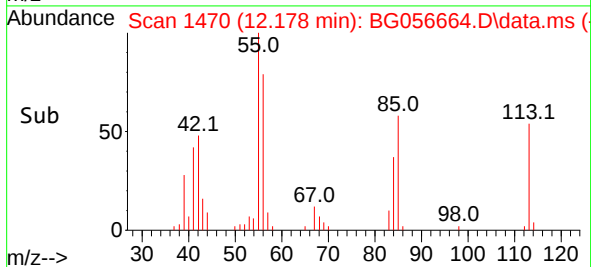
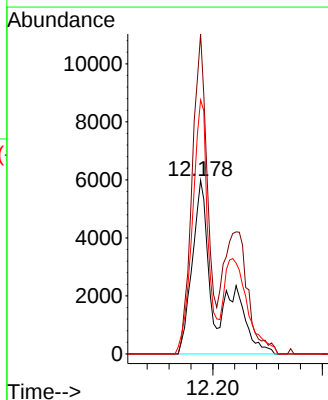
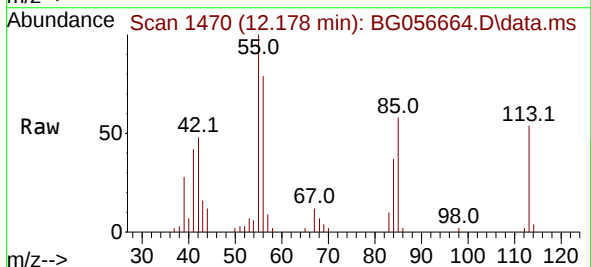
Manual Integrations
APPROVED

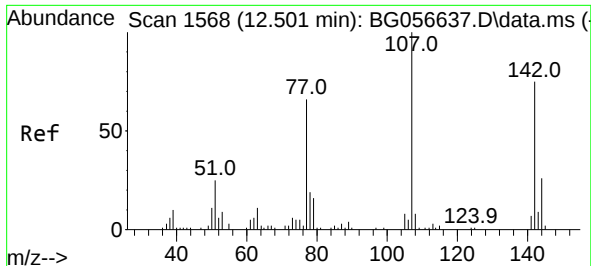
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023



#35
Caprolactam
Concen: 46.595 ng m
RT: 12.178 min Scan# 1470
Delta R.T. -0.011 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

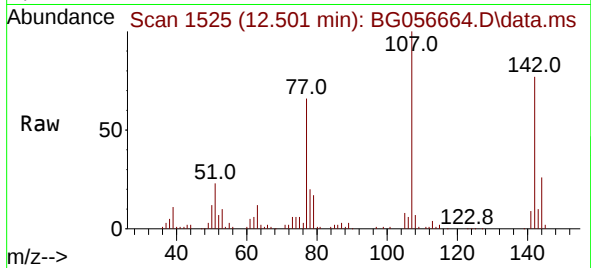
Tgt Ion:113 Resp: 18326
Ion Ratio Lower Upper
113 100
55 184.4 145.0 185.0
56 146.4 122.9 162.9





#36
4-Chloro-3-methylphenol
Concen: 51.951 ng
RT: 12.501 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

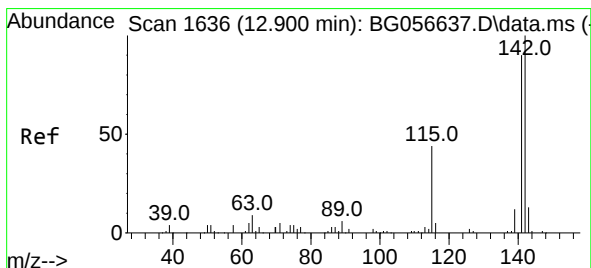
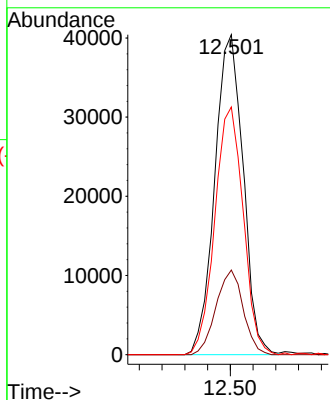
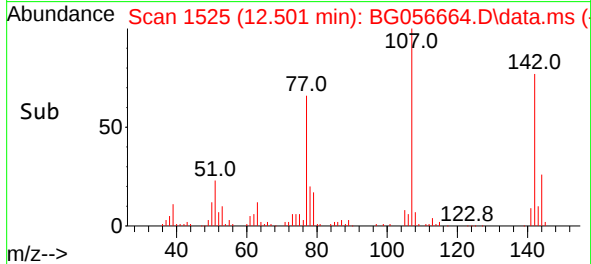
Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD



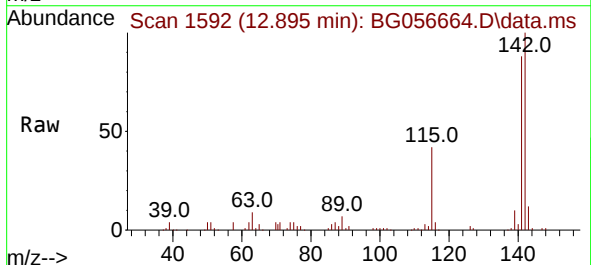
Tgt Ion:107 Resp: 7005
Ion Ratio Lower Upper
107 100
144 26.4 21.0 31.4
142 77.4 60.1 90.1

Manual Integrations
APPROVED

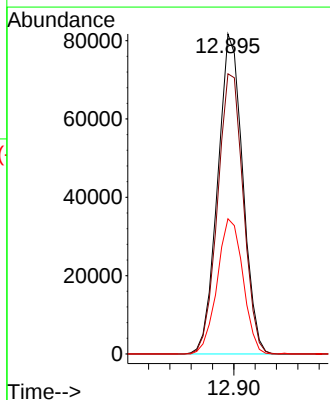
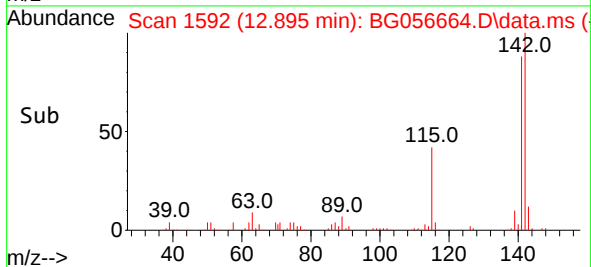
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023

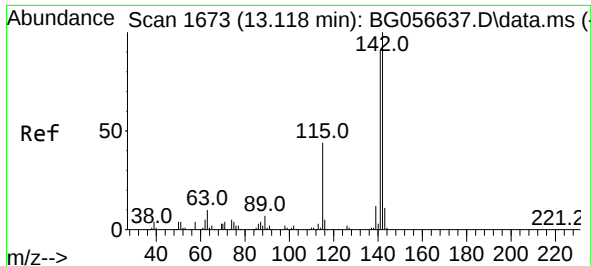


#37
2-Methylnaphthalene
Concen: 45.323 ng
RT: 12.895 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32



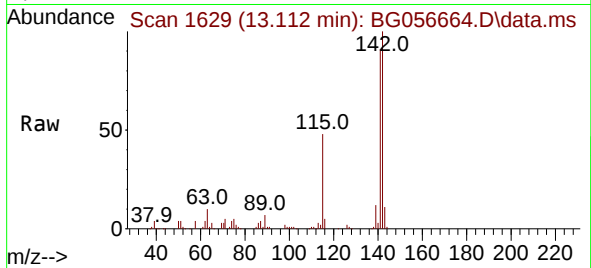
Tgt Ion:142 Resp: 133158
Ion Ratio Lower Upper
142 100
141 87.5 71.9 107.9
115 42.3 35.1 52.7





#38
1-Methylnaphthalene
Concen: 45.691 ng
RT: 13.112 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

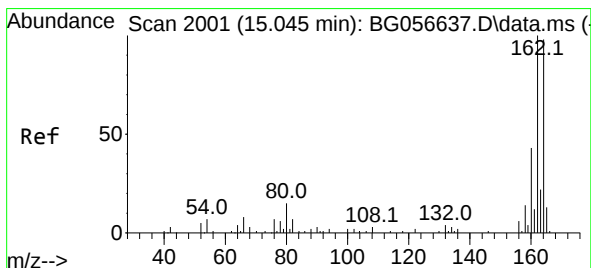
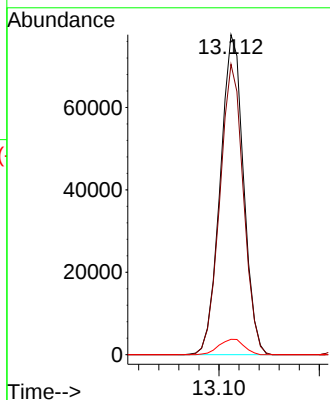
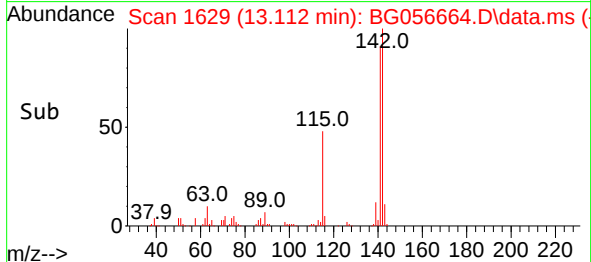
Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD



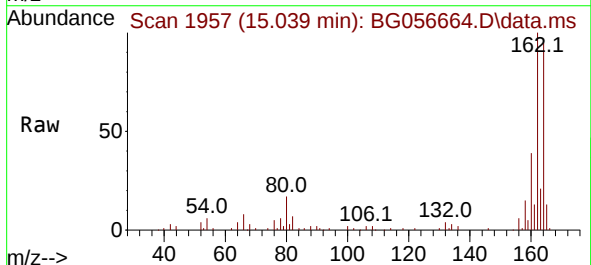
Tgt Ion:142 Resp: 12526
Ion Ratio Lower Upper
142 100
141 90.7 72.7 109.1
116 4.8 4.2 6.4

Manual Integrations
APPROVED

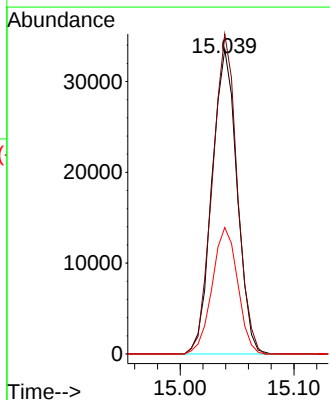
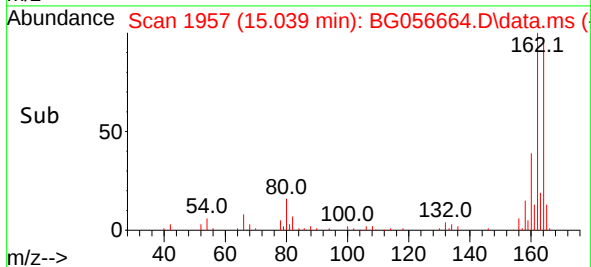
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023

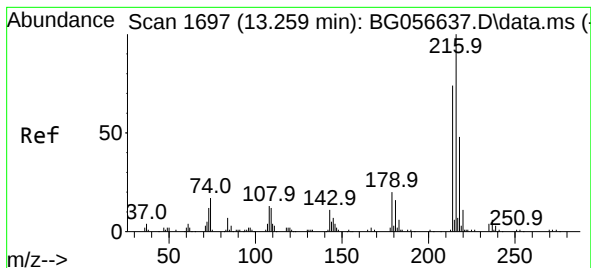


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.039 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32



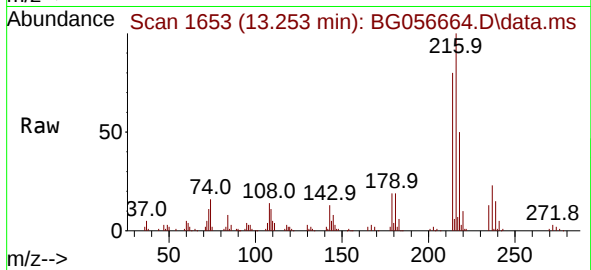
Tgt Ion:164 Resp: 51244
Ion Ratio Lower Upper
164 100
162 105.1 81.3 121.9
160 41.5 35.2 52.8





#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.963 ng
RT: 13.253 min Scan# 1653
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

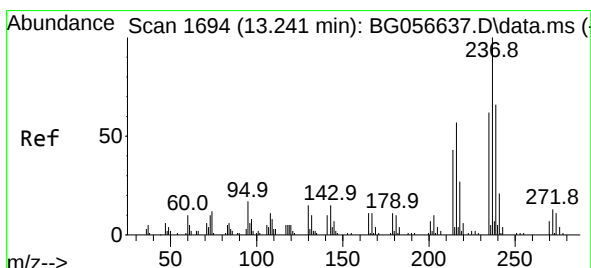
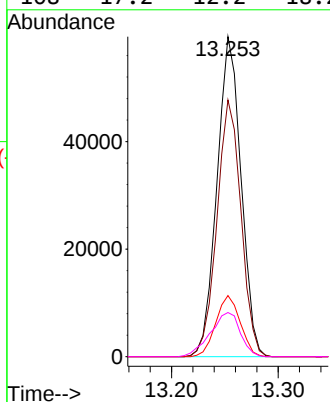
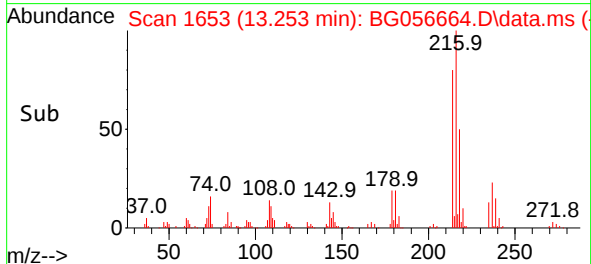
Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD



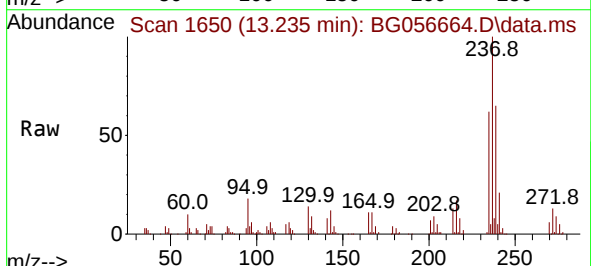
Tgt Ion:216 Resp: 93274
Ion Ratio Lower Upper
216 100
214 80.1 61.8 92.8
179 19.3 15.1 22.7
108 17.2 12.2 18.2

Manual Integrations
APPROVED

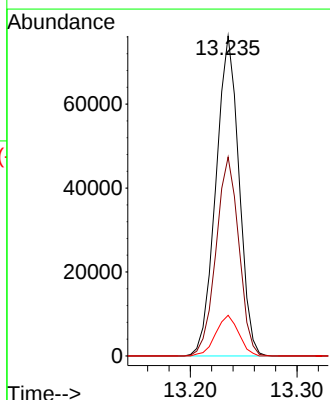
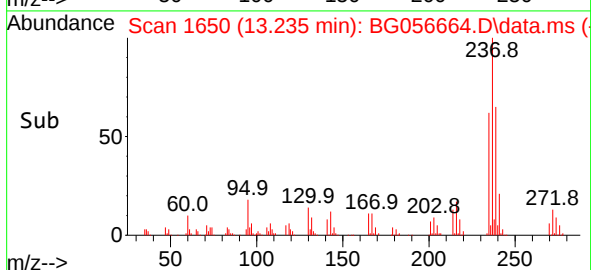
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023

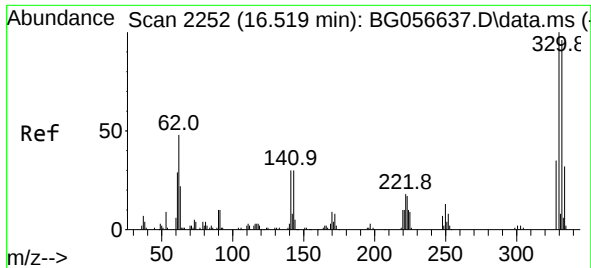


#41
Hexachlorocyclopentadiene
Concen: 110.792 ng
RT: 13.235 min Scan# 1650
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32



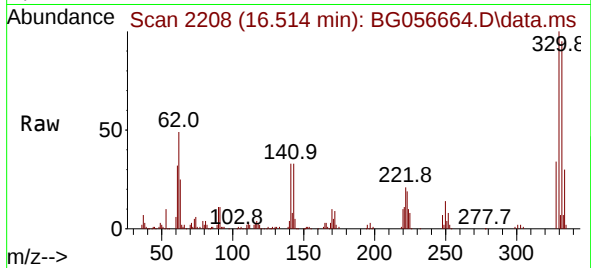
Tgt Ion:237 Resp: 114473
Ion Ratio Lower Upper
237 100
235 62.1 41.6 81.6
272 12.7 0.0 32.6





#42
2,4,6-Tribromophenol
Concen: 157.369 ng
RT: 16.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

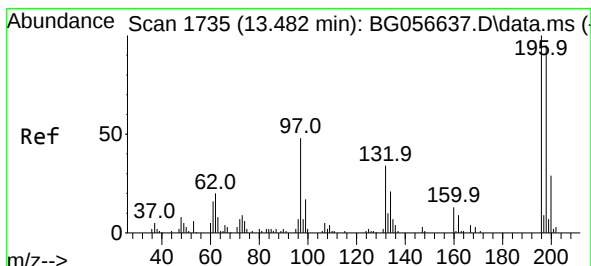
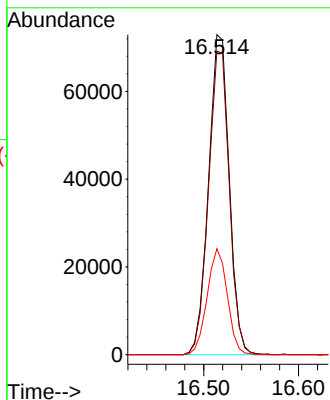
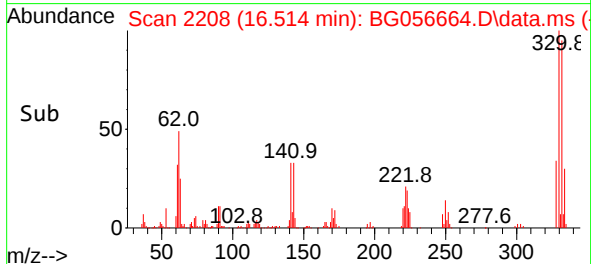
Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD



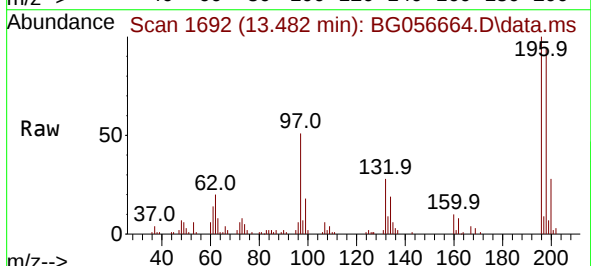
Tgt Ion:330 Resp: 110409
Ion Ratio Lower Upper
330 100
332 95.3 75.7 113.5
141 32.2 24.6 37.0

Manual Integrations
APPROVED

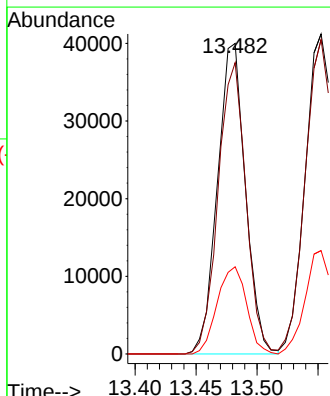
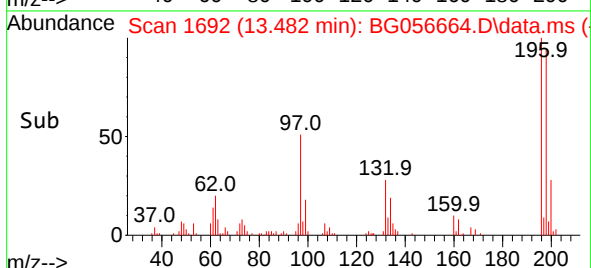
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023

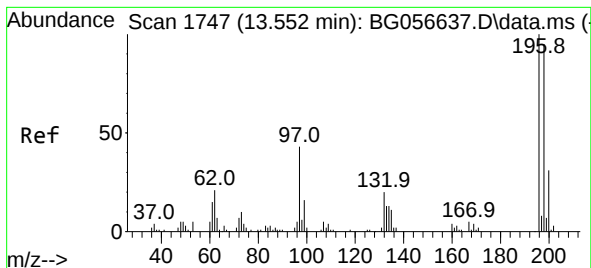


#43
2,4,6-Trichlorophenol
Concen: 55.227 ng
RT: 13.482 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32



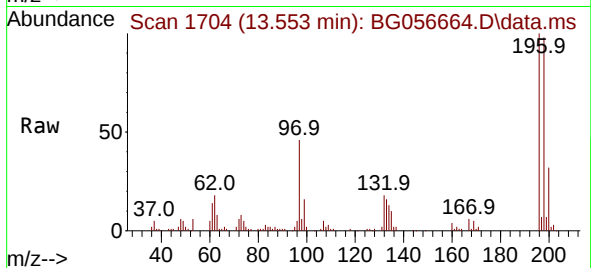
Tgt Ion:196 Resp: 63831
Ion Ratio Lower Upper
196 100
198 93.8 76.2 114.2
200 28.1 23.2 34.8





#44
2,4,5-Trichlorophenol
Concen: 49.586 ng
RT: 13.553 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

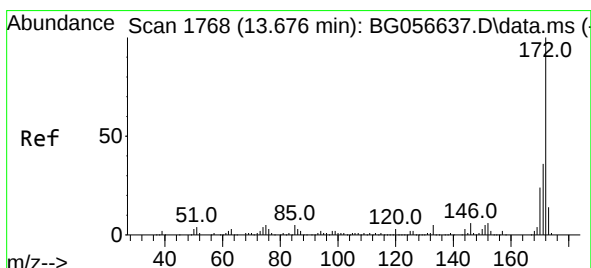
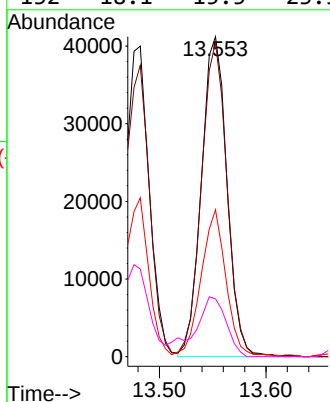
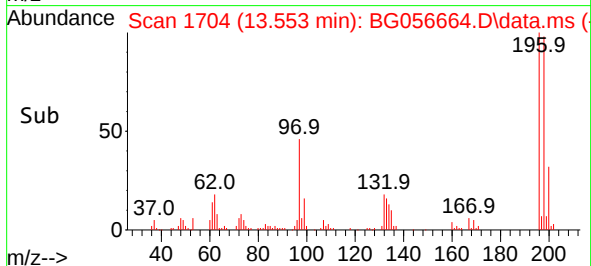
Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD



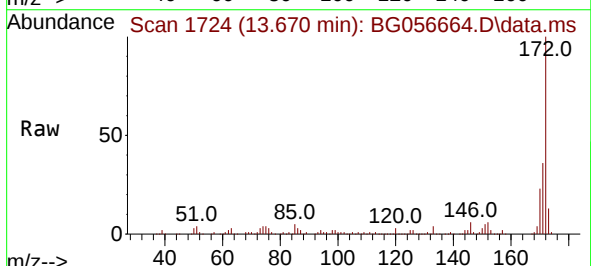
Tgt Ion:196 Resp: 68689
Ion Ratio Lower Upper
196 100
198 98.3 76.2 114.4
97 45.9 34.9 52.3
132 18.1 15.5 23.3

Manual Integrations
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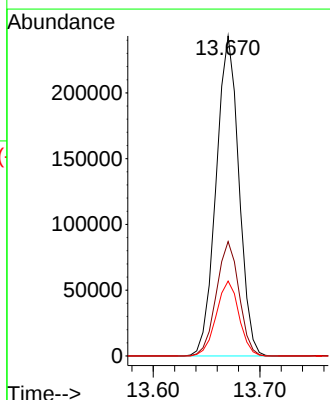
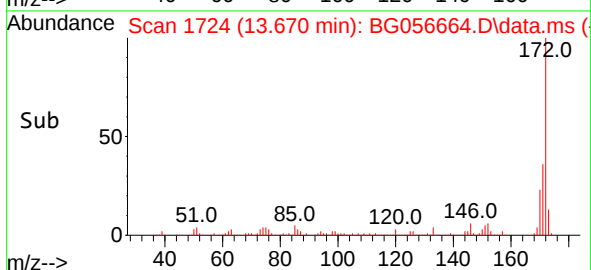
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023

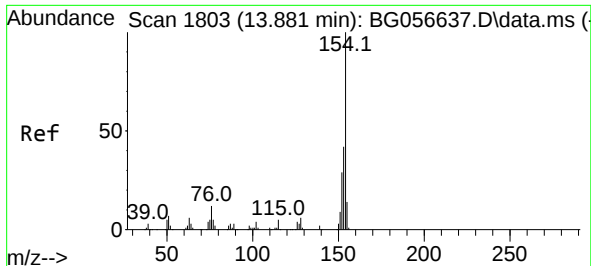


#45
2-Fluorobiphenyl
Concen: 94.109 ng
RT: 13.670 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32



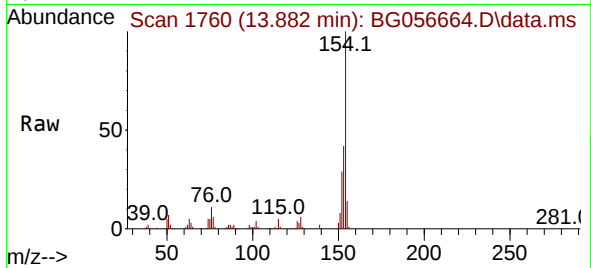
Tgt Ion:172 Resp: 360143
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.4 19.4 29.0





#46
1,1'-Biphenyl
Concen: 49.177 ng
RT: 13.882 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

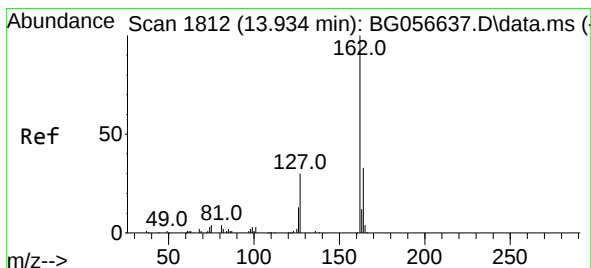
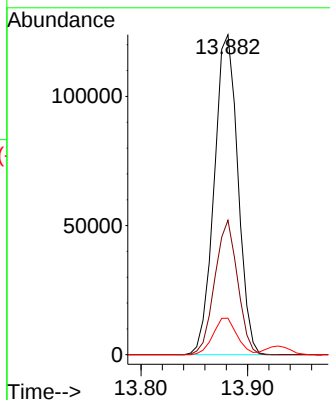
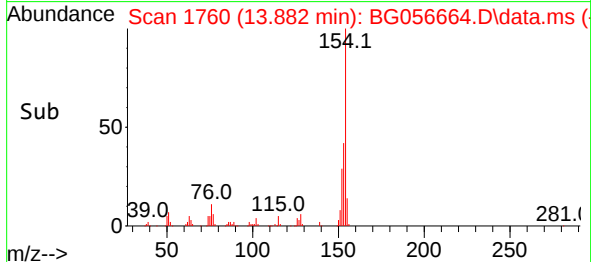
Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD



Tgt Ion:154 Resp: 19089
Ion Ratio Lower Upper
154 100
153 42.0 21.9 61.9
76 11.4 0.0 31.9

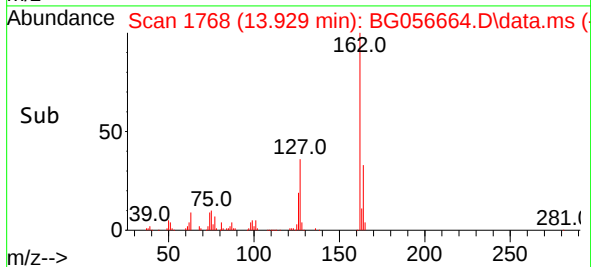
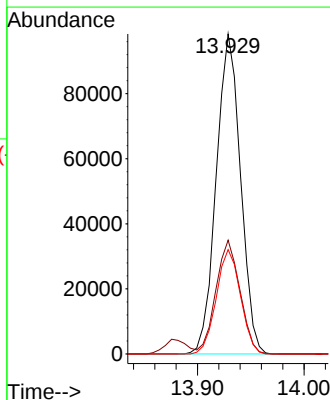
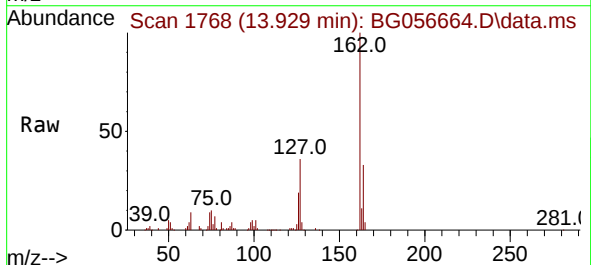
Manual Integrations
APPROVED

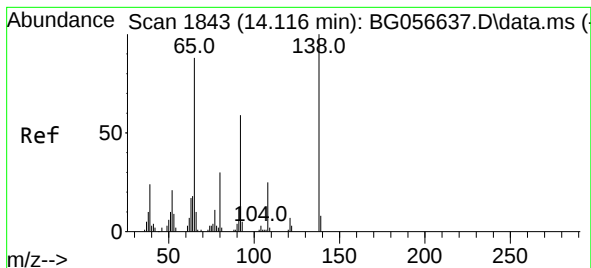
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023



#47
2-Chloronaphthalene
Concen: 50.559 ng
RT: 13.929 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

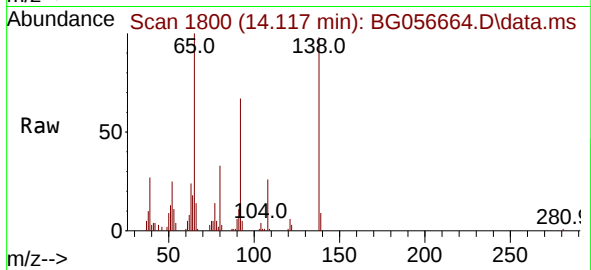
Tgt Ion:162 Resp: 155309
Ion Ratio Lower Upper
162 100
127 35.6 27.5 41.3
164 32.6 26.5 39.7





#48
2-Nitroaniline
Concen: 43.868 ng
RT: 14.117 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

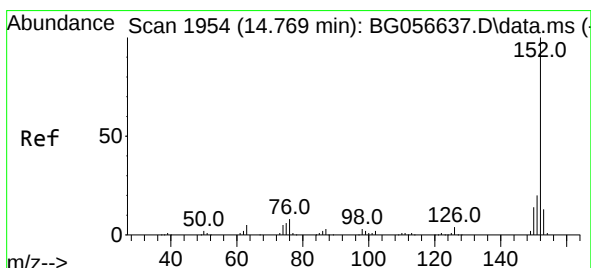
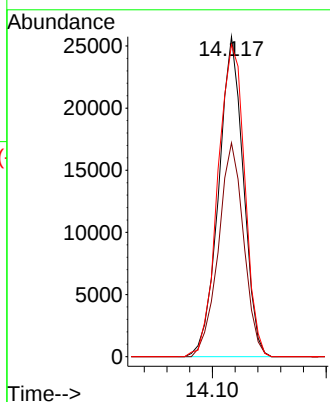
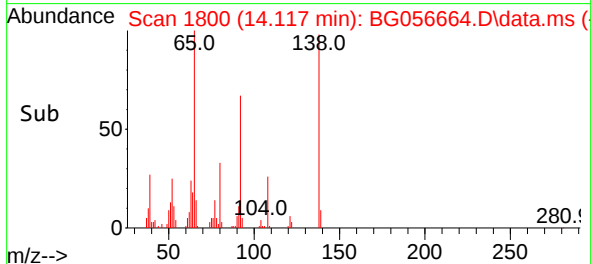
Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD



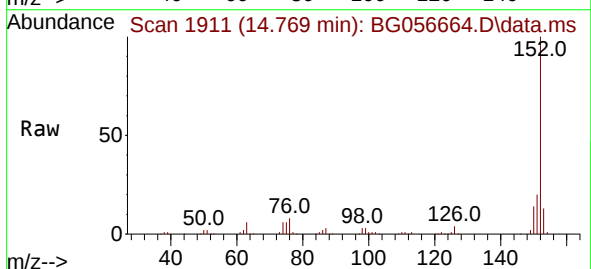
Tgt Ion: 65 Resp: 3880
Ion Ratio Lower Upper
65 100
92 66.8 53.8 80.6
138 97.5 90.6 135.8

Manual Integrations
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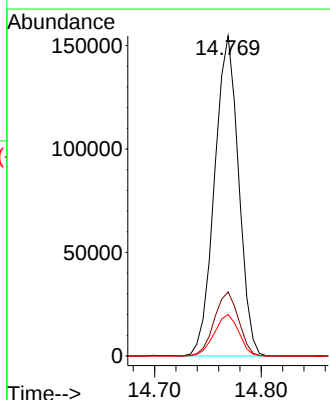
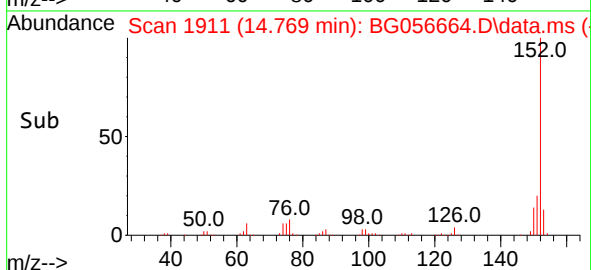
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023

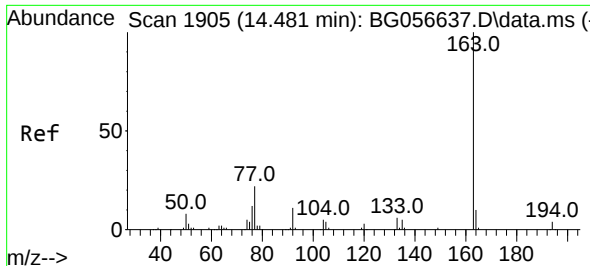


#49
Acenaphthylene
Concen: 48.467 ng
RT: 14.769 min Scan# 1911
Delta R.T. 0.000 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32



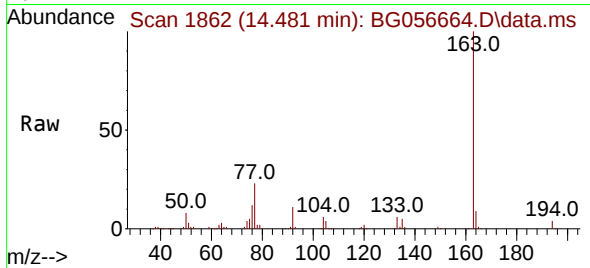
Tgt Ion:152 Resp: 241913
Ion Ratio Lower Upper
152 100
151 20.0 15.6 23.4
153 13.0 10.3 15.5





#50
Dimethylphthalate
Concen: 50.283 ng
RT: 14.481 min Scan# 1862
Delta R.T. 0.000 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

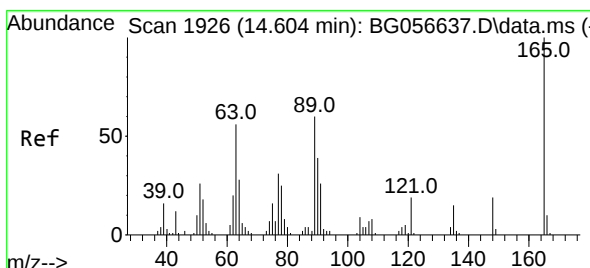
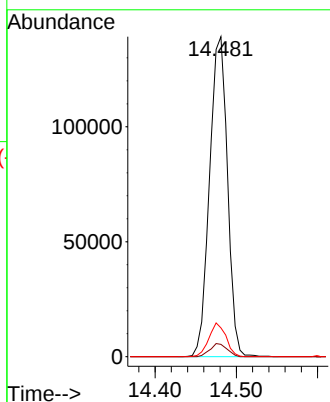
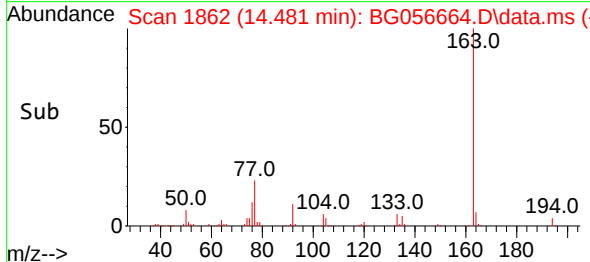
Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD



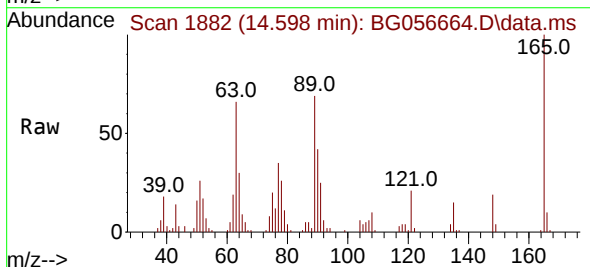
Tgt Ion:163 Resp: 21300
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.0 8.2 12.2

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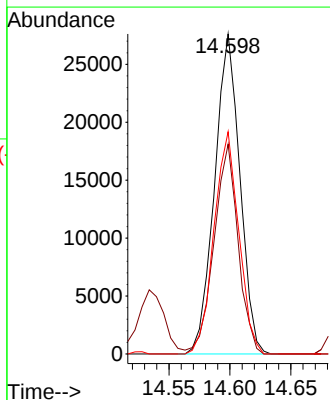
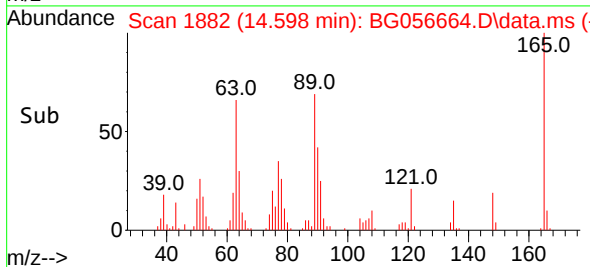
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023

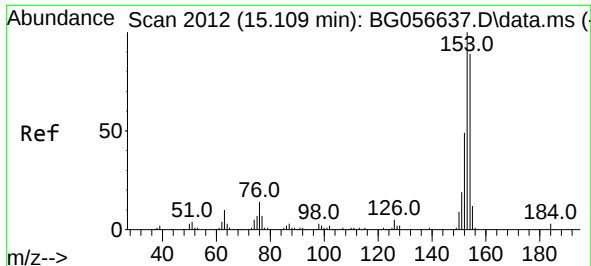


#51
2,6-Dinitrotoluene
Concen: 48.286 ng
RT: 14.598 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32



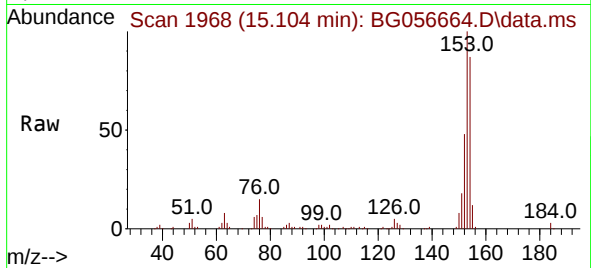
Tgt Ion:165 Resp: 39842
Ion Ratio Lower Upper
165 100
63 65.5 45.8 68.8
89 69.5 48.2 72.2





#52
Acenaphthene
Concen: 53.402 ng
RT: 15.104 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

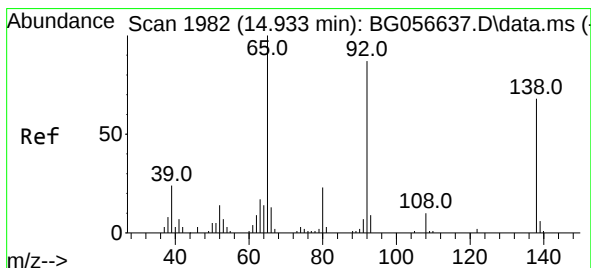
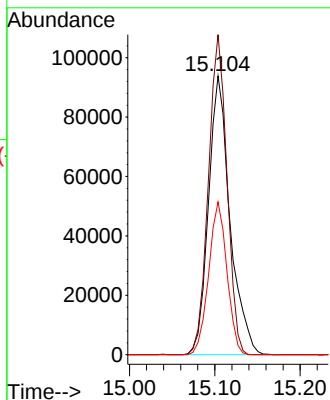
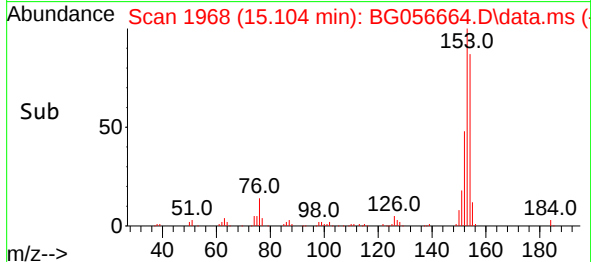
Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD



Tgt Ion:154 Resp: 164414
Ion Ratio Lower Upper
154 100
153 114.8 89.5 134.3
152 54.8 43.7 65.5

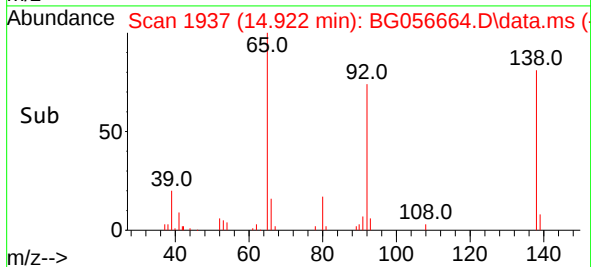
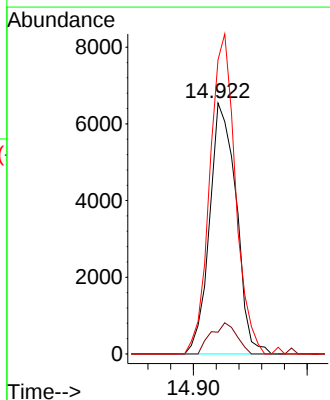
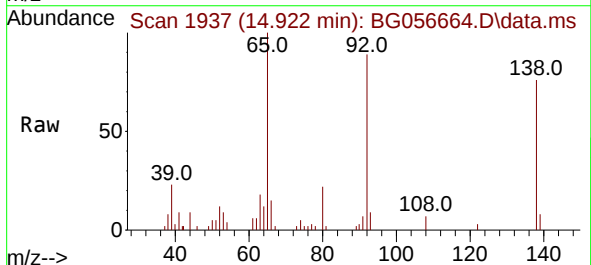
Manual Integrations
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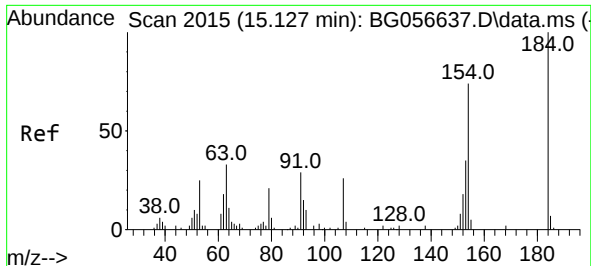
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023



#53
3-Nitroaniline
Concen: 12.927 ng
RT: 14.922 min Scan# 1937
Delta R.T. -0.011 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

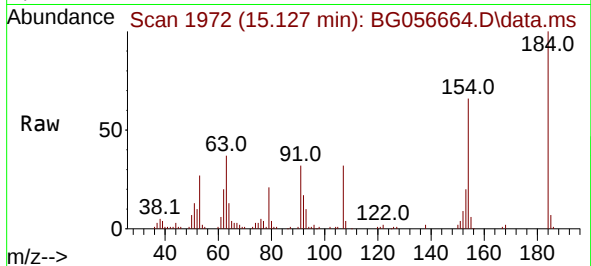
Tgt Ion:138 Resp: 10630
Ion Ratio Lower Upper
138 100
108 8.7 11.4 17.2#
92 117.3 103.1 154.7





#54
2,4-Dinitrophenol
Concen: 107.438 ng
RT: 15.127 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

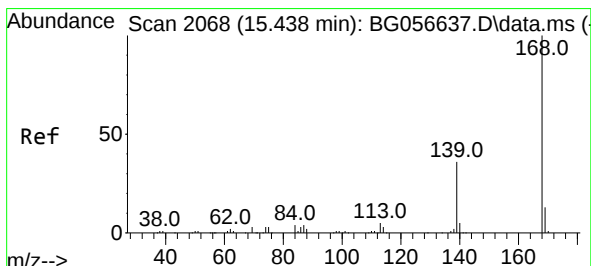
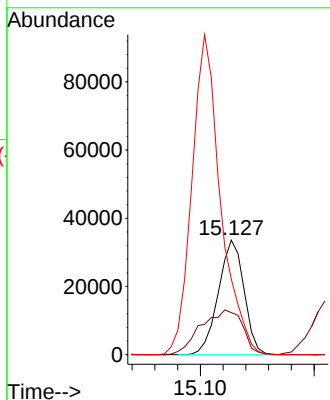
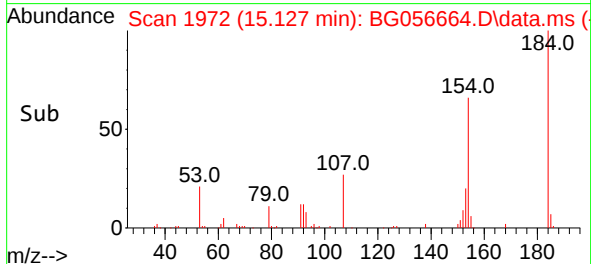
Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD



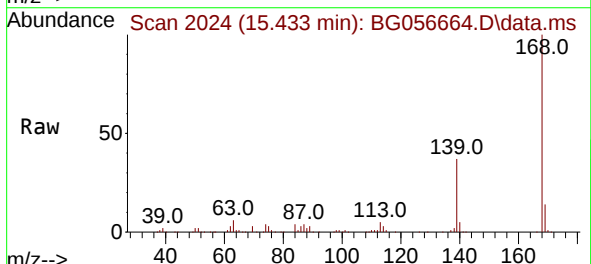
Tgt Ion:184 Resp: 52580
Ion Ratio Lower Upper
184 100
63 36.8 31.0 46.6
154 65.9 99.8 149.8

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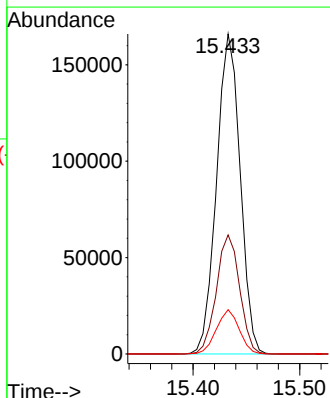
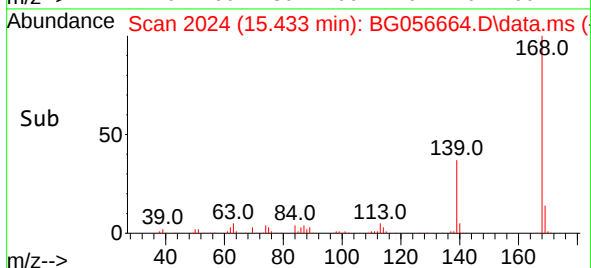
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023

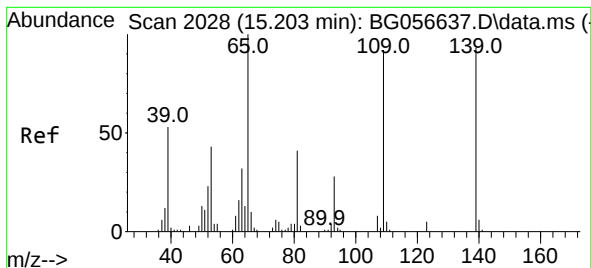


#55
Dibenzofuran
Concen: 48.966 ng
RT: 15.433 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32



Tgt Ion:168 Resp: 254689
Ion Ratio Lower Upper
168 100
139 37.2 29.0 43.6
169 13.9 10.7 16.1





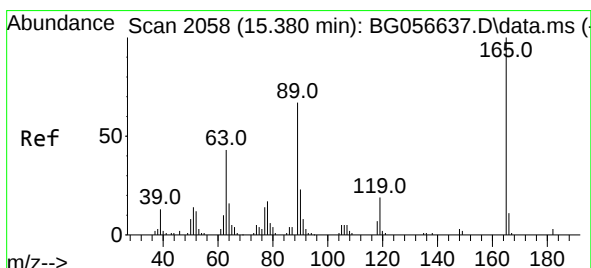
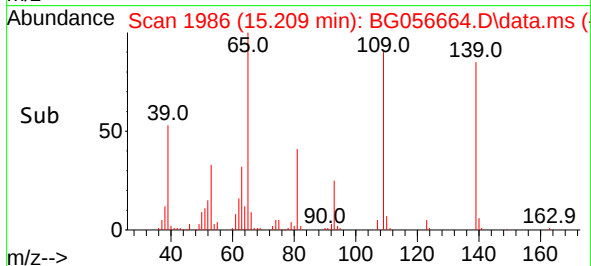
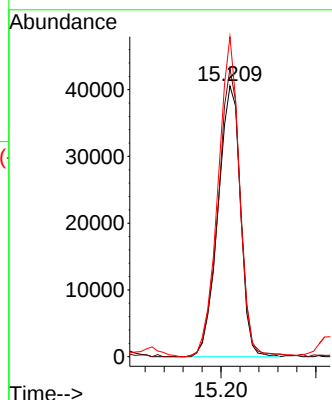
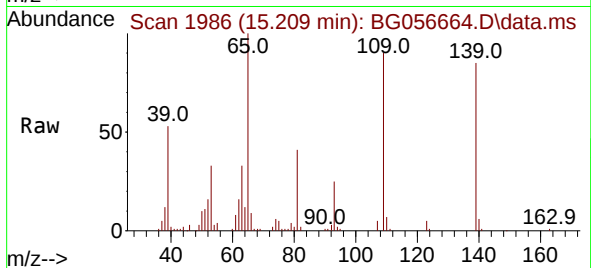
#56
4-Nitrophenol
Concen: 105.929 ng
RT: 15.209 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD

Tgt Ion:139 Resp: 6673
Ion Ratio Lower Upper
139 100
109 106.5 79.3 119.3
65 118.2 87.6 127.6

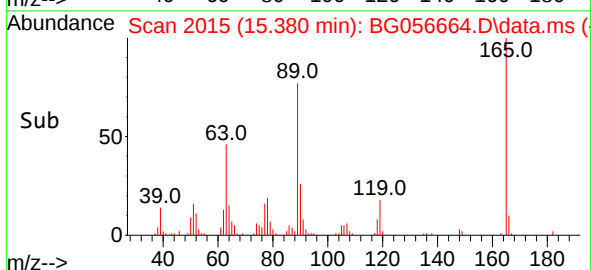
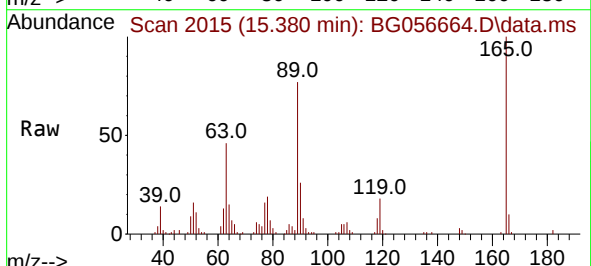
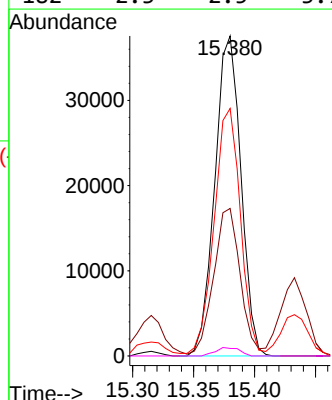
Manual Integrations
APPROVED

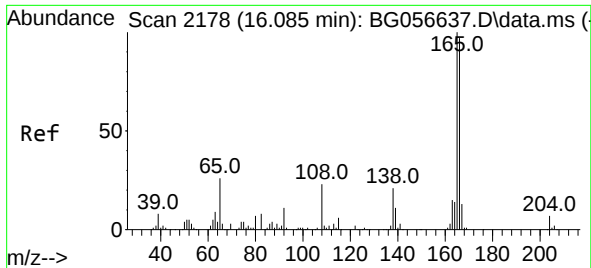
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023



#57
2,4-Dinitrotoluene
Concen: 54.209 ng
RT: 15.380 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

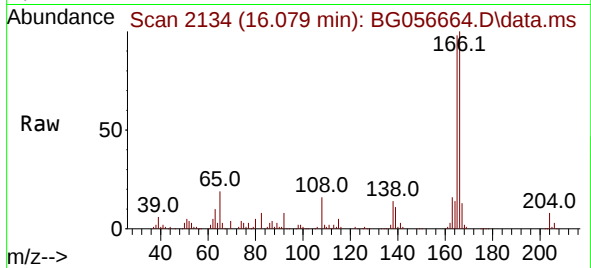
Tgt Ion:165 Resp: 56005
Ion Ratio Lower Upper
165 100
63 46.1 34.6 52.0
89 77.3 53.8 80.8
182 2.3 2.5 3.7#





#58
Fluorene
Concen: 48.527 ng
RT: 16.079 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

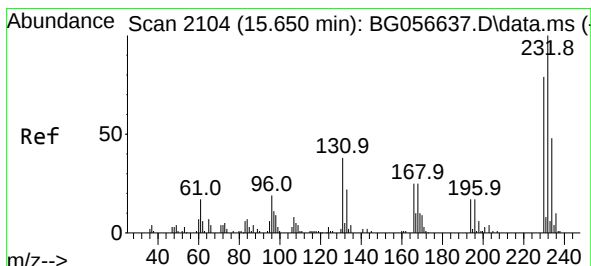
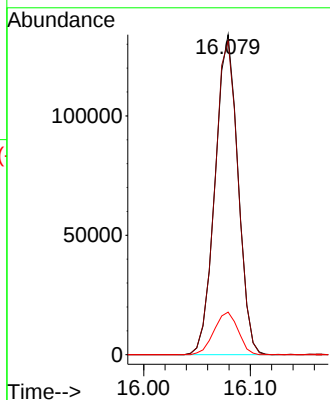
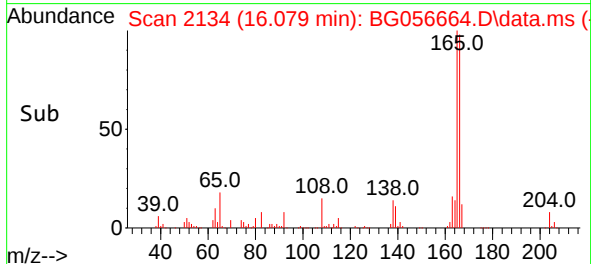
Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD



Tgt Ion:166 Resp: 199570
Ion Ratio Lower Upper
166 100
165 98.0 82.9 124.3
167 13.3 11.1 16.7

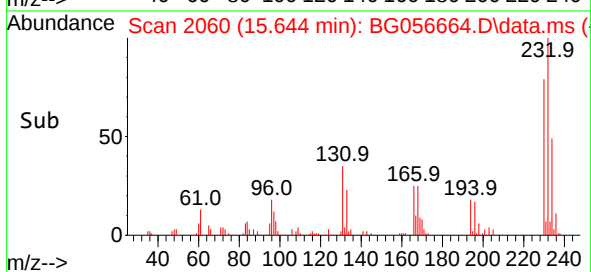
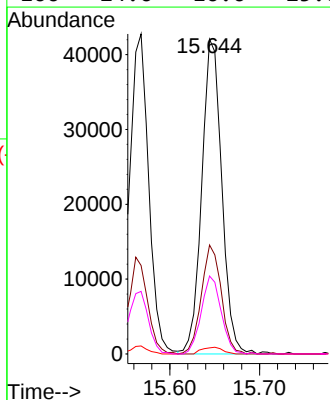
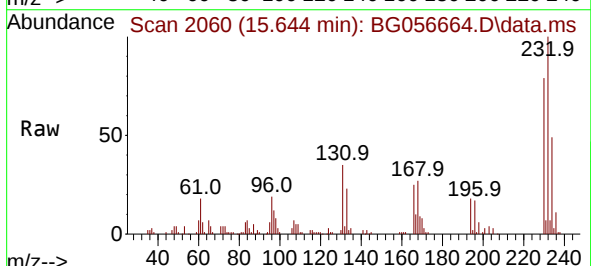
Manual Integrations
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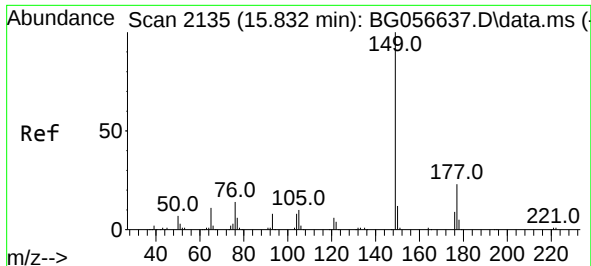
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023



#59
2,3,4,6-Tetrachlorophenol
Concen: 53.717 ng
RT: 15.644 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

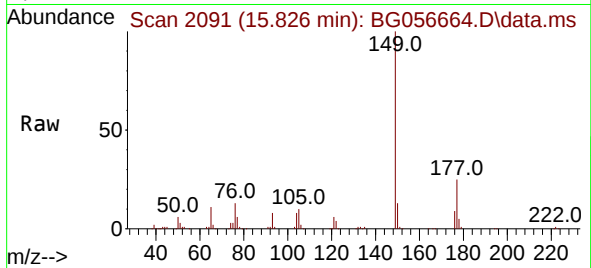
Tgt Ion:232 Resp: 65216
Ion Ratio Lower Upper
232 100
131 34.4 24.7 37.1
130 2.2 1.4 2.2#
166 24.6 16.6 25.0





#60
Diethylphthalate
Concen: 48.704 ng
RT: 15.826 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

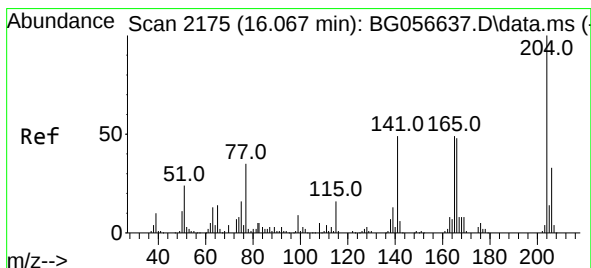
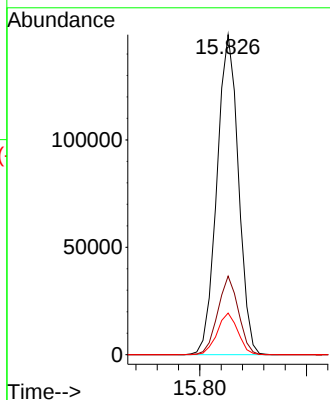
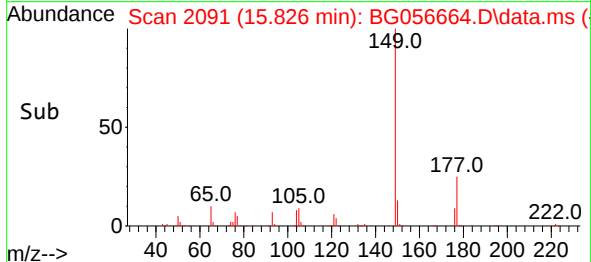
Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD



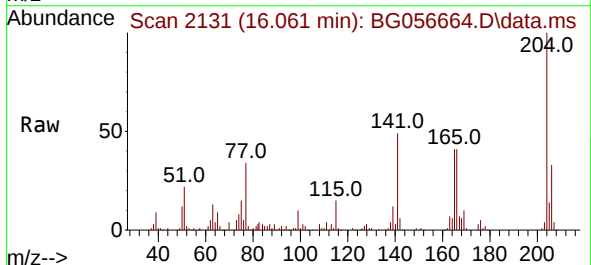
Tgt Ion:149 Resp: 20811
Ion Ratio Lower Upper
149 100
177 24.6 18.7 28.1
150 13.0 9.9 14.9

Manual Integrations
APPROVED

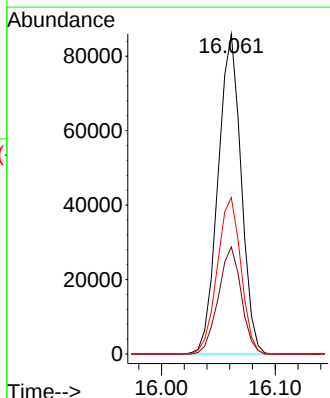
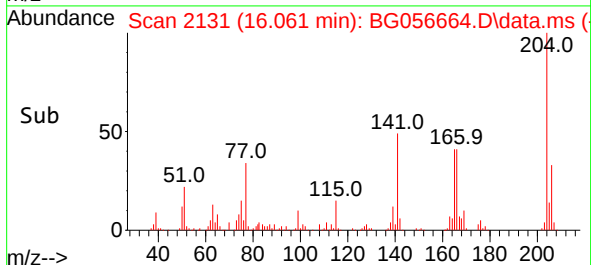
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023

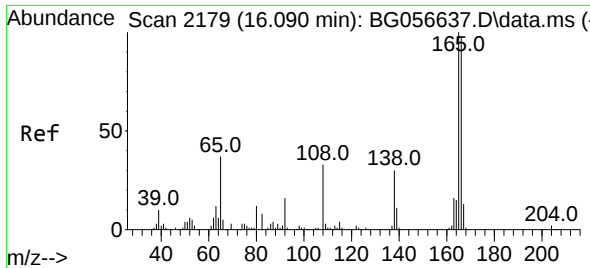


#61
4-Chlorophenyl-phenylether
Concen: 48.279 ng
RT: 16.061 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32



Tgt Ion:204 Resp: 121298
Ion Ratio Lower Upper
204 100
206 33.4 26.6 39.8
141 48.9 38.9 58.3





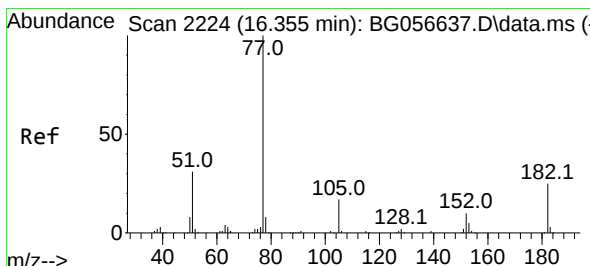
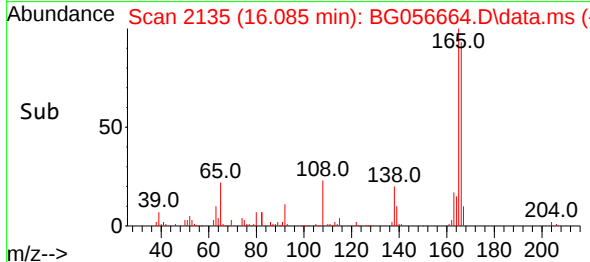
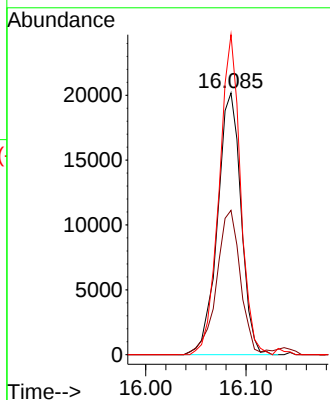
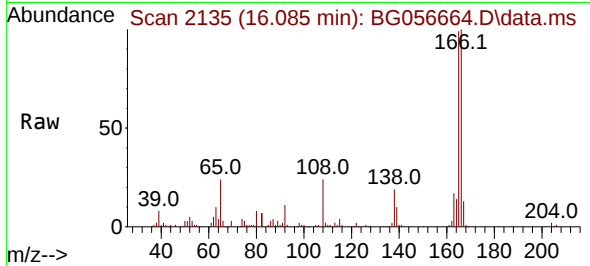
#62
4-Nitroaniline
Concen: 38.200 ng
RT: 16.085 min Scan# 2179
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD

Tgt Ion:138 Resp: 3273
Ion Ratio Lower Upper
138 100
92 55.1 31.5 71.5
108 122.2 88.6 128.6

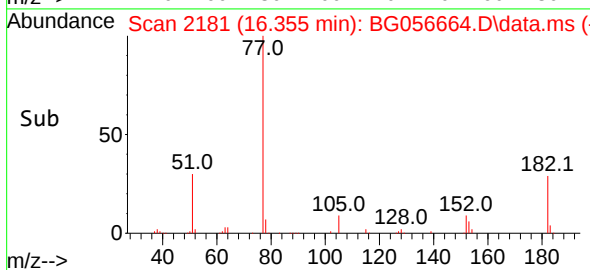
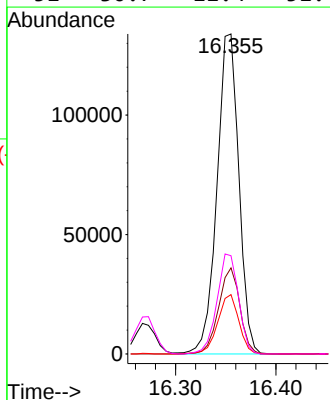
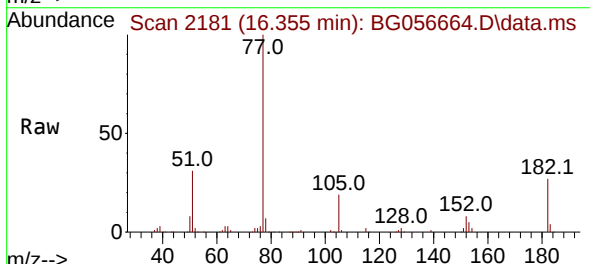
Manual Integrations
APPROVED

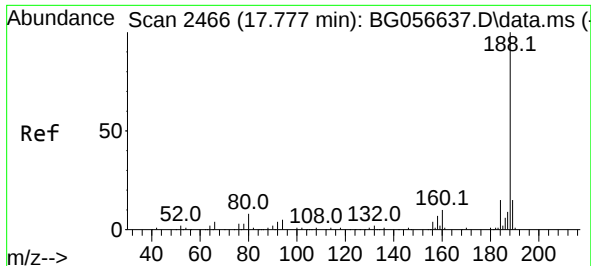
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023



#63
Azobenzene
Concen: 47.377 ng
RT: 16.355 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

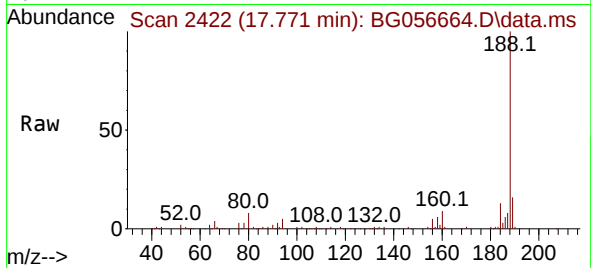
Tgt Ion: 77 Resp: 202612
Ion Ratio Lower Upper
77 100
182 26.9 5.2 45.2
105 18.5 0.0 37.3
51 30.7 11.4 51.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.771 min Scan# 2466
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

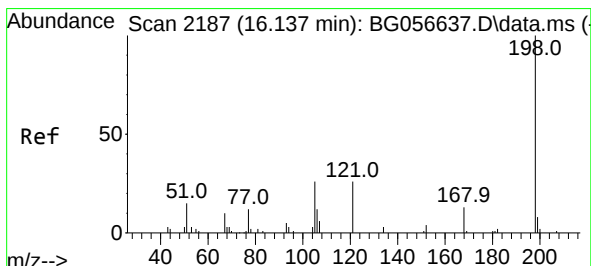
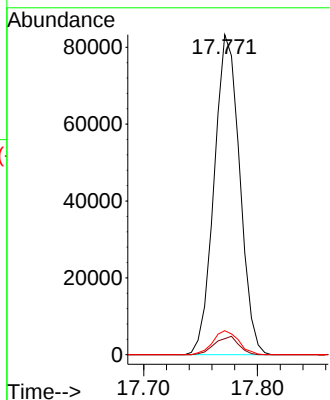
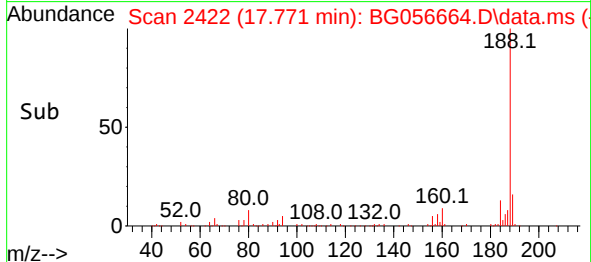
Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD



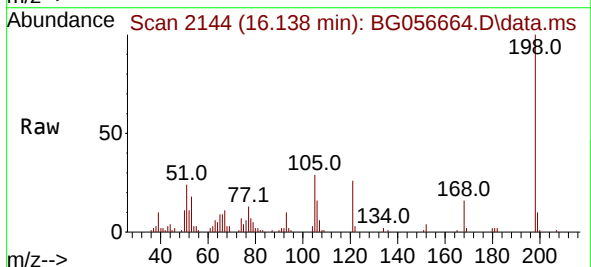
Tgt Ion:188 Resp: 129929
Ion Ratio Lower Upper
188 100
94 5.0 4.0 6.0
80 7.5 6.3 9.5

Manual Integrations
APPROVED

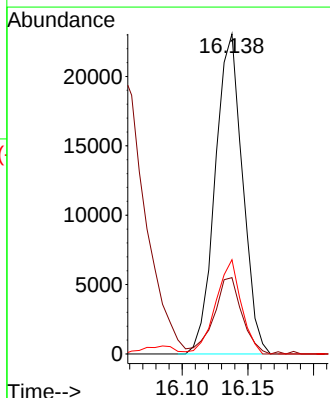
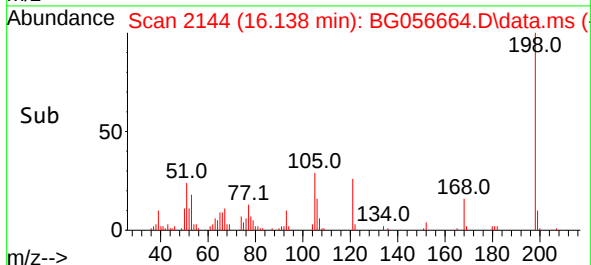
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023

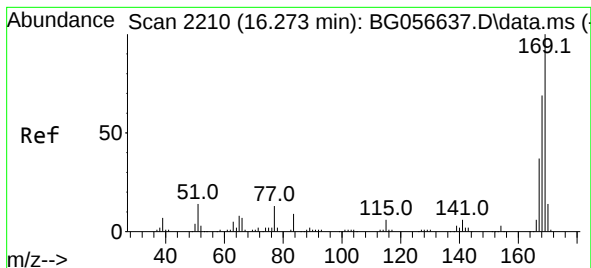


#65
4,6-Dinitro-2-methylphenol
Concen: 49.736 ng
RT: 16.138 min Scan# 2144
Delta R.T. 0.000 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32



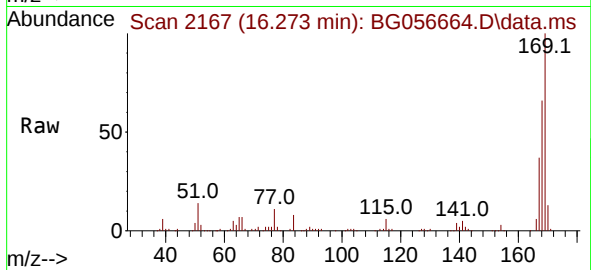
Tgt Ion:198 Resp: 33371
Ion Ratio Lower Upper
198 100
51 23.8 7.4 47.4
105 29.4 8.2 48.2





#66
n-Nitrosodiphenylamine
Concen: 42.841 ng
RT: 16.273 min Scan# 2167
Delta R.T. 0.000 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

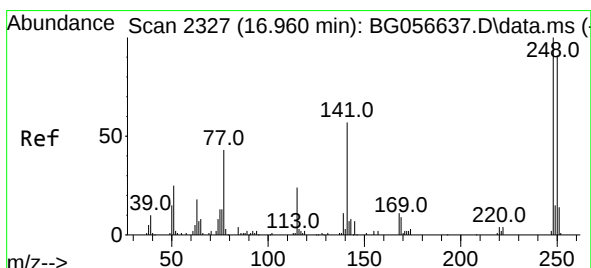
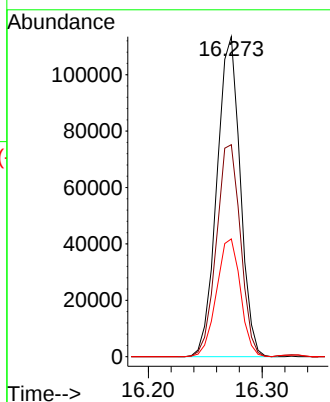
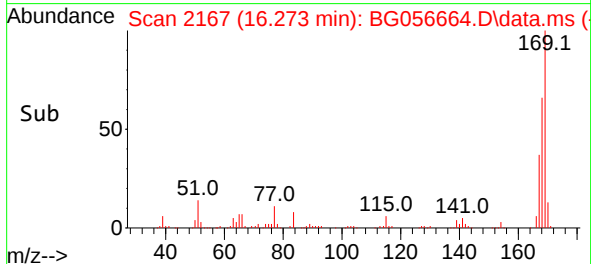
Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD



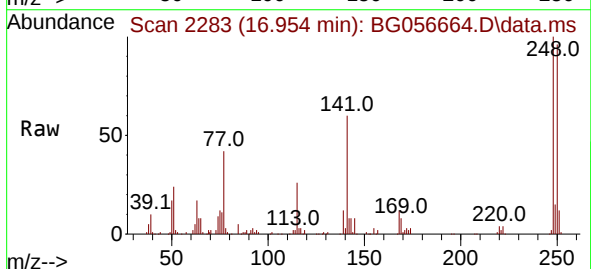
Tgt Ion:169 Resp: 16193
Ion Ratio Lower Upper
169 100
168 66.2 55.5 83.3
167 36.8 29.5 44.3

Manual Integrations
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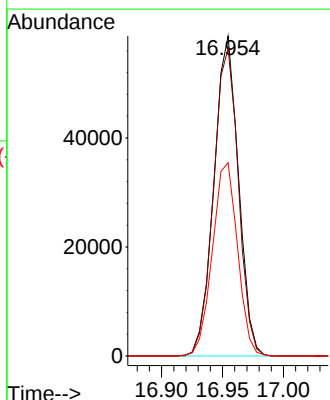
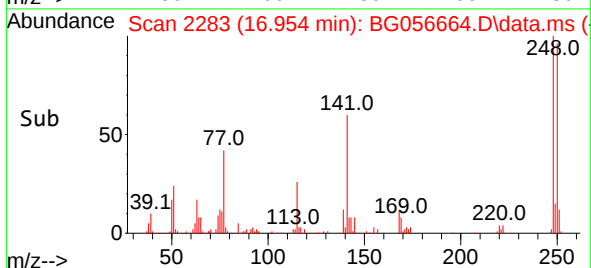
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023

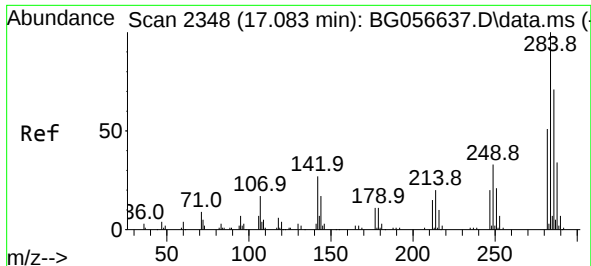


#67
4-Bromophenyl-phenylether
Concen: 49.332 ng
RT: 16.954 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32



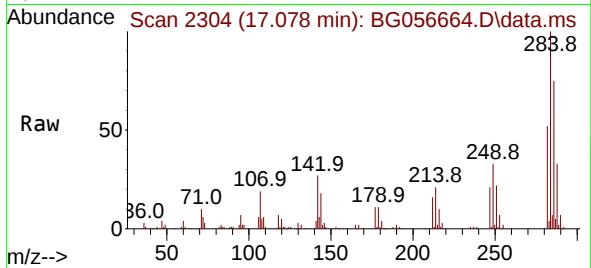
Tgt Ion:248 Resp: 82294
Ion Ratio Lower Upper
248 100
250 96.2 73.0 109.6
141 60.4 45.6 68.4





#68
Hexachlorobenzene
Concen: 52.420 ng
RT: 17.078 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

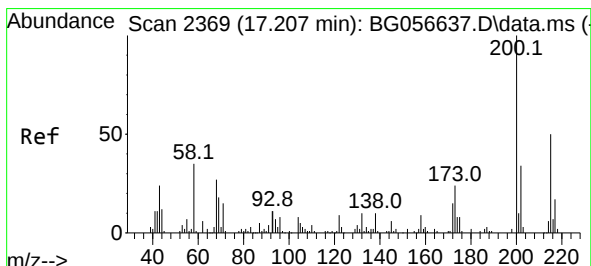
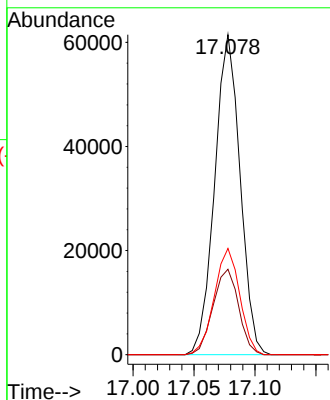
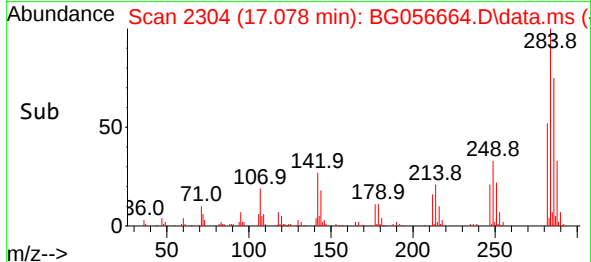
Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD



Tgt Ion:284 Resp: 89090
Ion Ratio Lower Upper
284 100
142 26.7 21.4 32.2
249 35.5 26.1 39.1

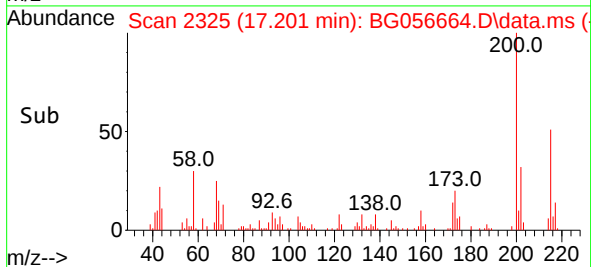
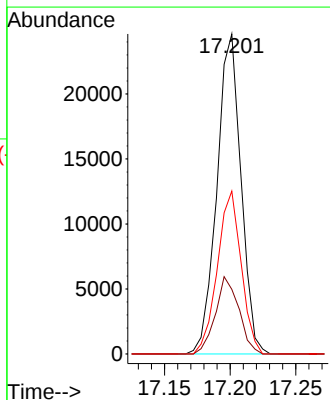
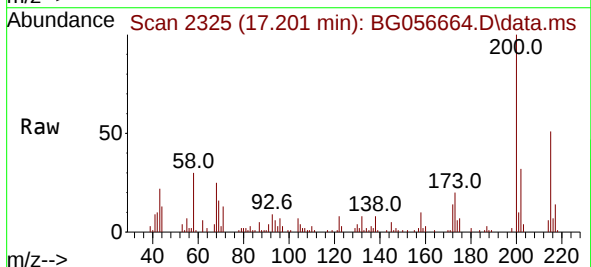
Manual Integrations
APPROVED

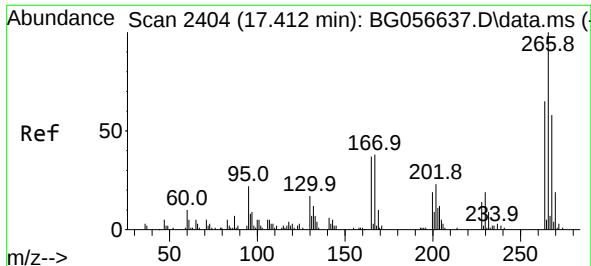
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023



#69
Atrazine
Concen: 21.608 ng
RT: 17.201 min Scan# 2325
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

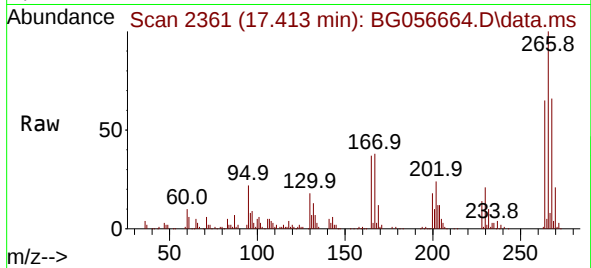
Tgt Ion:200 Resp: 31362
Ion Ratio Lower Upper
200 100
173 20.2 4.4 44.4
215 50.9 29.6 69.6





#70
Pentachlorophenol
Concen: 97.283 ng
RT: 17.413 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

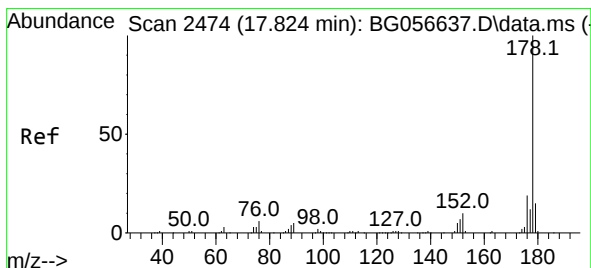
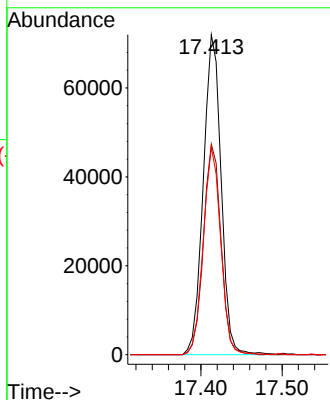
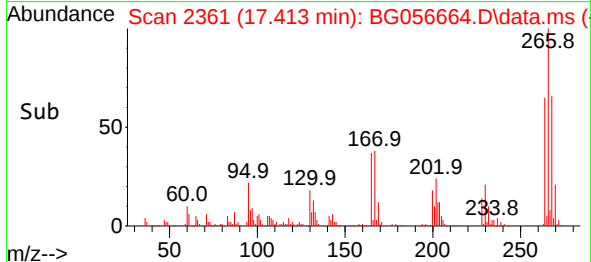
Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD



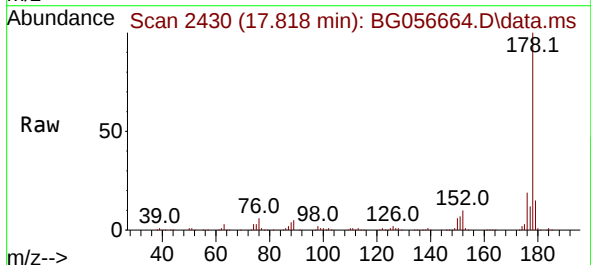
Tgt Ion:266 Resp: 10949
Ion Ratio Lower Upper
266 100
268 65.8 46.7 70.1
264 64.8 51.8 77.6

Manual Integrations
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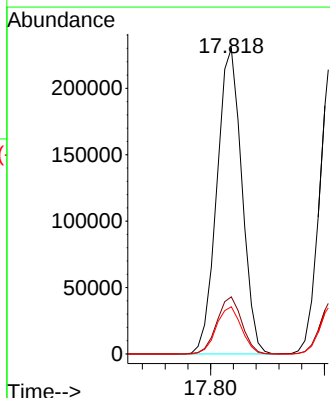
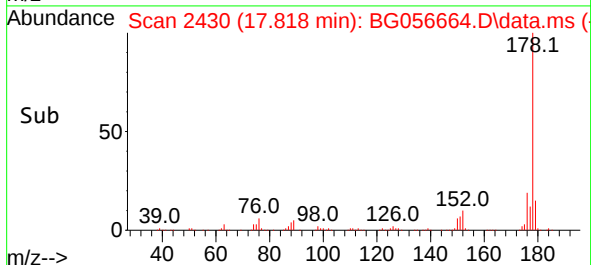
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023

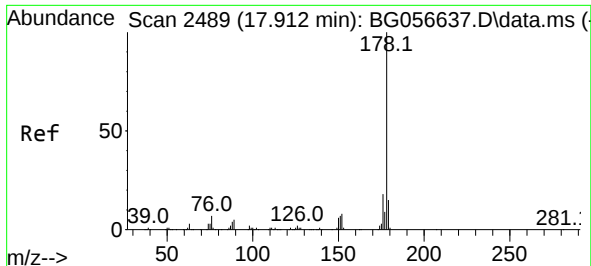


#71
Phenanthrene
Concen: 49.695 ng
RT: 17.818 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32



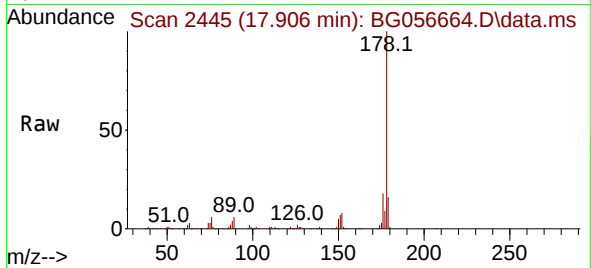
Tgt Ion:178 Resp: 351285
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.4 12.2 18.4





#72
 Anthracene
 Concen: 49.484 ng
 RT: 17.906 min Scan# 2489
 Delta R.T. -0.006 min
 Lab File: BG056664.D
 Acq: 17 Feb 2023 20:32

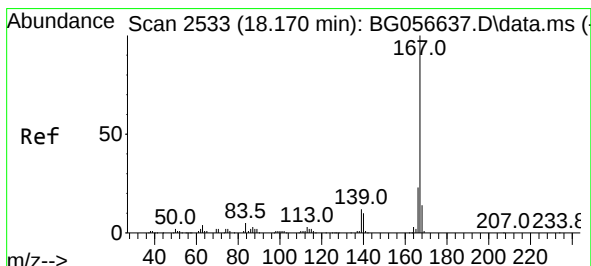
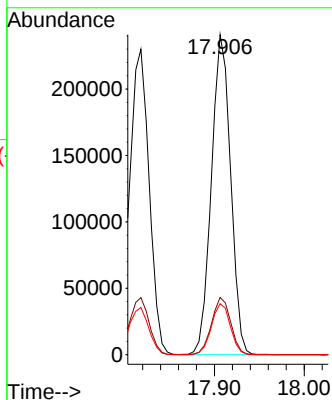
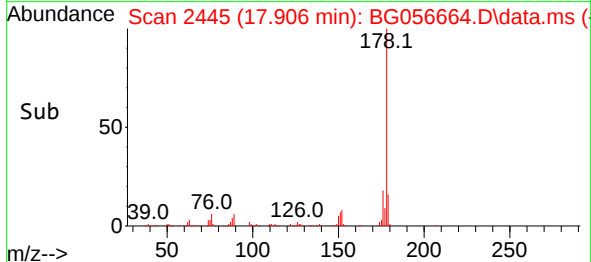
Instrument :
 BNA_G
 ClientSampleId :
 COMP-277-281MSD



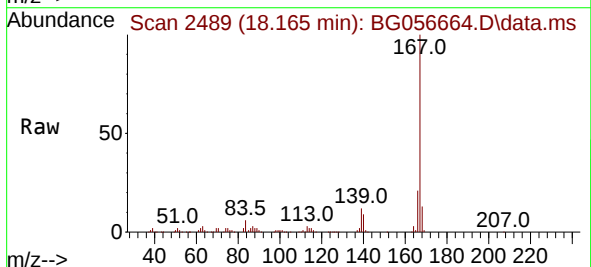
Tgt Ion:178 Resp: 35792
 Ion Ratio Lower Upper
 178 100
 176 17.9 14.3 21.5
 179 16.0 12.2 18.4

Manual Integrations
 APPROVED

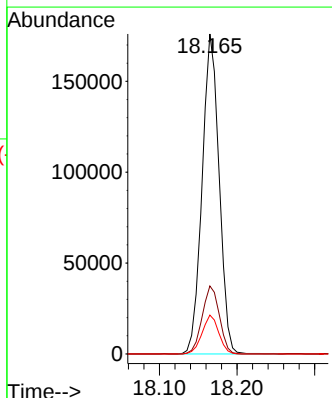
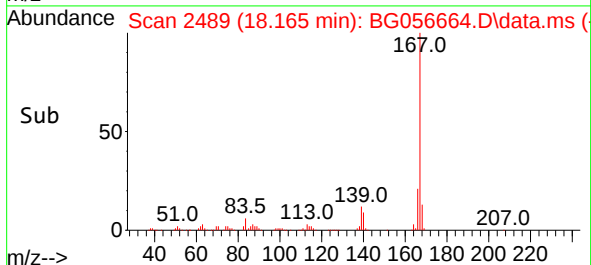
Reviewed By :Yogesh Patel 02/18/2023
 Supervised By :mohammad ahmed 02/20/2023

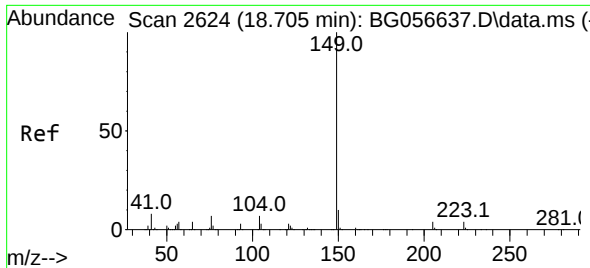


#73
 Carbazole
 Concen: 43.104 ng
 RT: 18.165 min Scan# 2489
 Delta R.T. -0.006 min
 Lab File: BG056664.D
 Acq: 17 Feb 2023 20:32



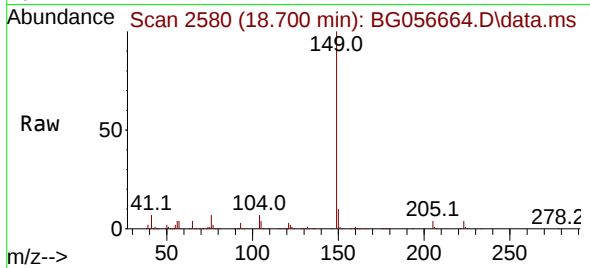
Tgt Ion:167 Resp: 268762
 Ion Ratio Lower Upper
 167 100
 166 21.3 18.1 27.1
 139 12.1 9.4 14.0





#74
Di-n-butylphthalate
Concen: 50.035 ng
RT: 18.700 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

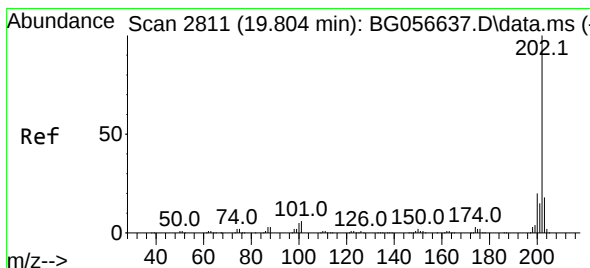
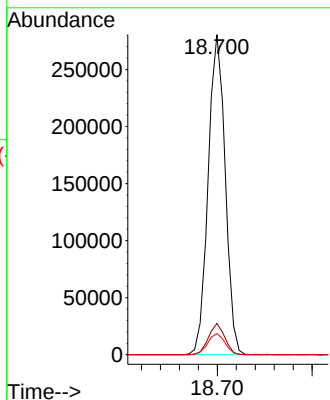
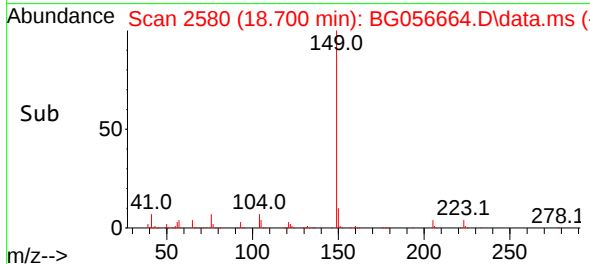
Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD



Tgt Ion:149 Resp: 349130
Ion Ratio Lower Upper
149 100
150 9.8 7.7 11.5
104 6.6 5.4 8.0

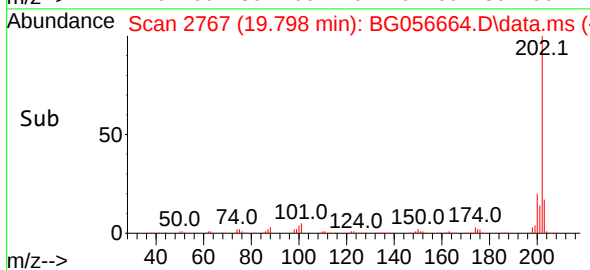
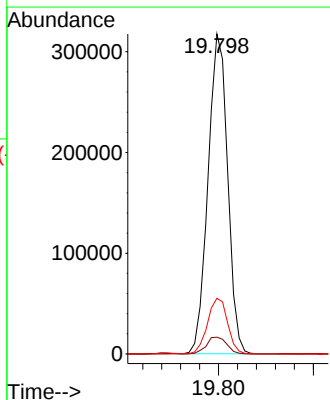
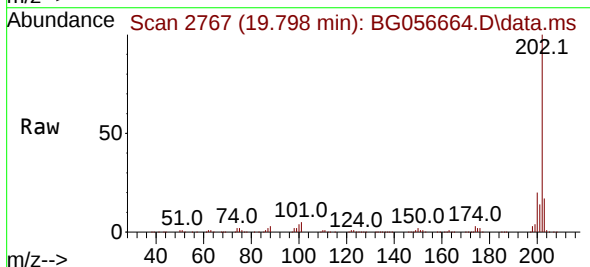
Manual Integrations
APPROVED

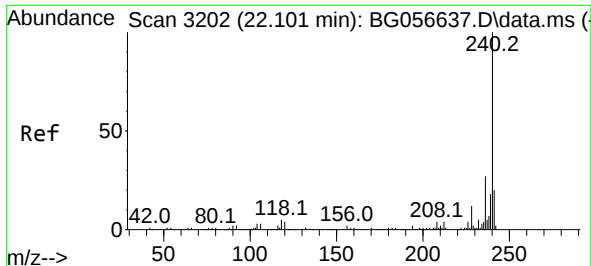
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023



#75
Fluoranthene
Concen: 48.726 ng
RT: 19.798 min Scan# 2767
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

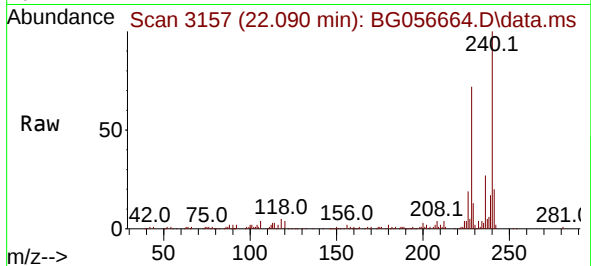
Tgt Ion:202 Resp: 454468
Ion Ratio Lower Upper
202 100
101 5.3 0.0 25.8
203 17.4 0.0 37.6





#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.090 min Scan# 3157
Delta R.T. -0.011 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

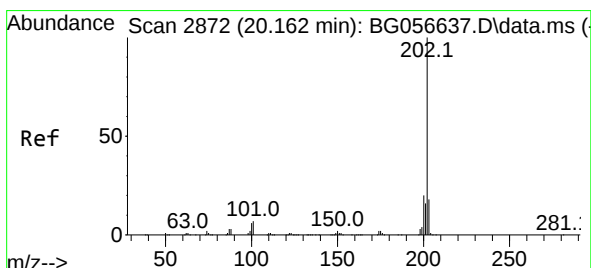
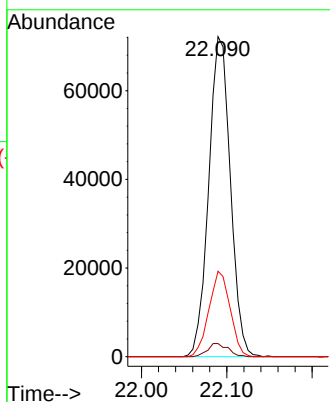
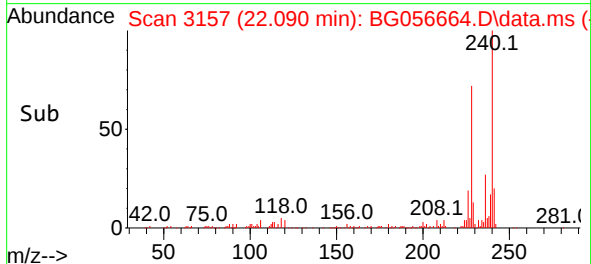
Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD



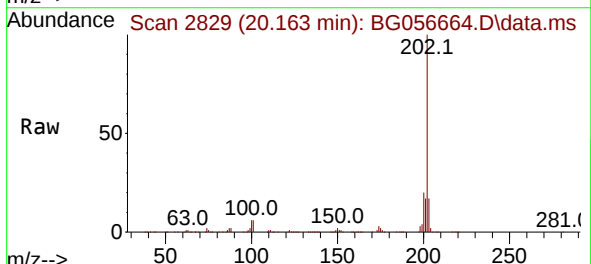
Tgt Ion:240 Resp: 12726
Ion Ratio Lower Upper
240 100
120 4.1 3.5 5.3
236 26.7 21.5 32.3

Manual Integrations
APPROVED

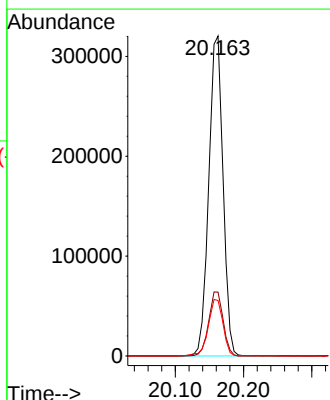
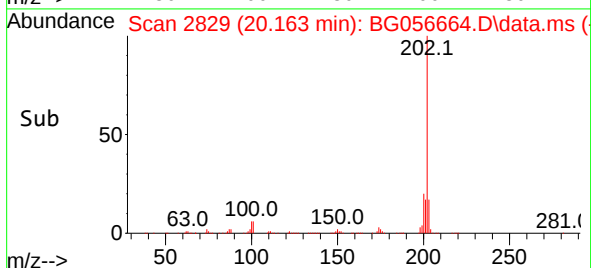
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023

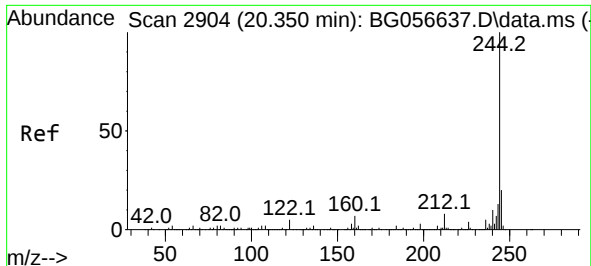


#78
Pyrene
Concen: 48.599 ng
RT: 20.163 min Scan# 2829
Delta R.T. 0.000 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32



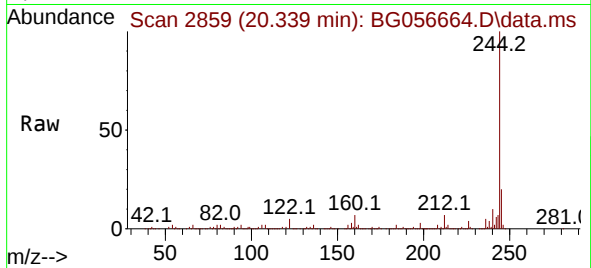
Tgt Ion:202 Resp: 467112
Ion Ratio Lower Upper
202 100
200 19.9 15.8 23.8
203 17.4 14.2 21.4





#79
 Terphenyl-d14
 Concen: 99.317 ng
 RT: 20.339 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG056664.D
 Acq: 17 Feb 2023 20:32

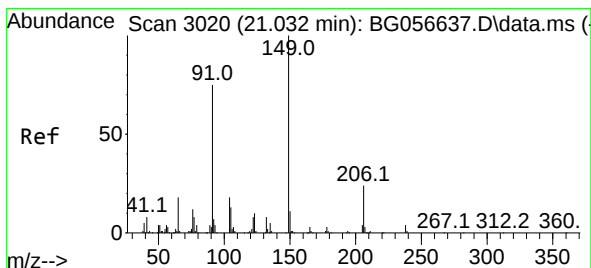
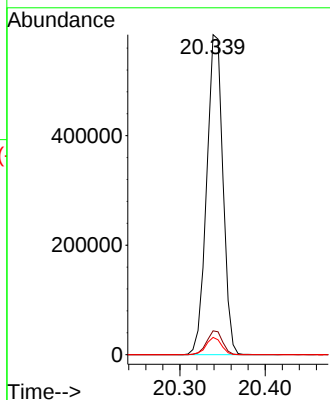
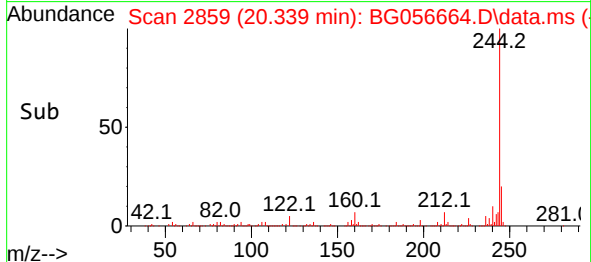
Instrument :
 BNA_G
 ClientSampleId :
 COMP-277-281MSD



Tgt Ion:244 Resp: 77255
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 5.4 3.8 5.8

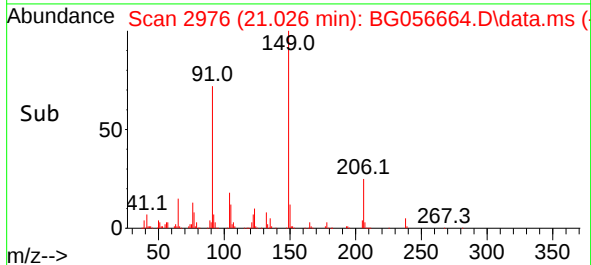
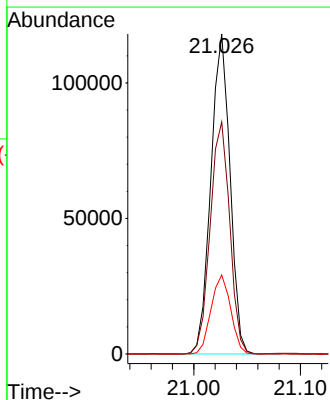
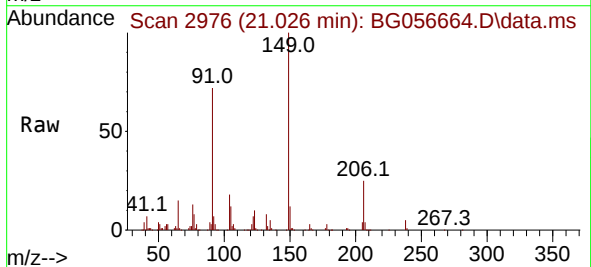
Manual Integrations
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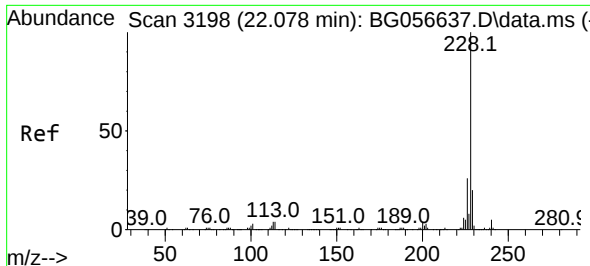
Reviewed By :Yogesh Patel 02/18/2023
 Supervised By :mohammad ahmed 02/20/2023



#80
 Butylbenzylphthalate
 Concen: 50.817 ng
 RT: 21.026 min Scan# 2976
 Delta R.T. -0.006 min
 Lab File: BG056664.D
 Acq: 17 Feb 2023 20:32

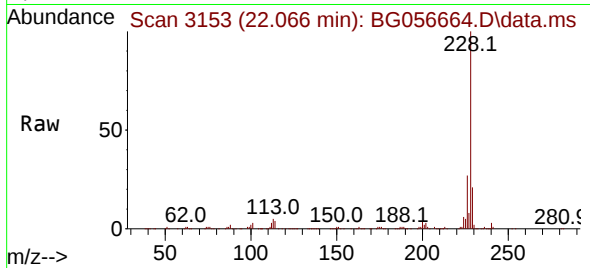
Tgt Ion:149 Resp: 146670
 Ion Ratio Lower Upper
 149 100
 91 72.5 60.3 90.5
 206 24.7 19.0 28.6





#81
Benzo(a)anthracene
Concen: 49.216 ng
RT: 22.066 min Scan# 3198
Delta R.T. -0.011 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

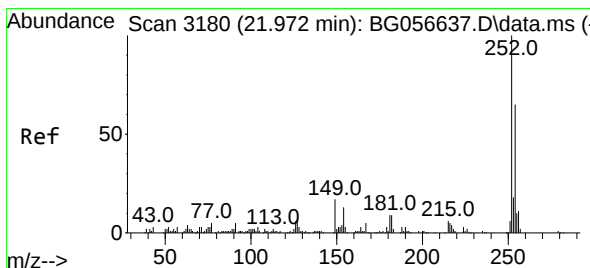
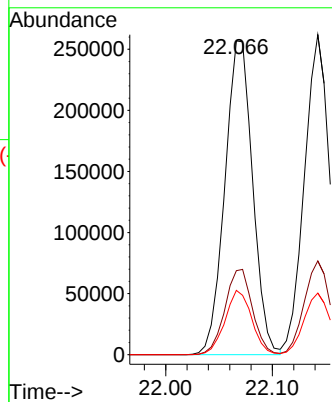
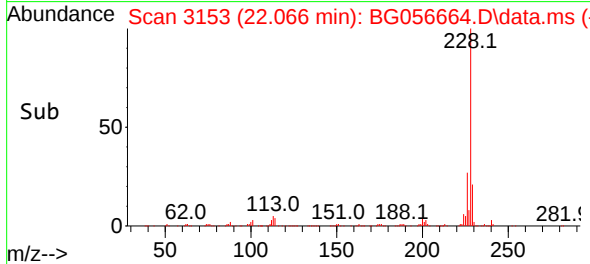
Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD



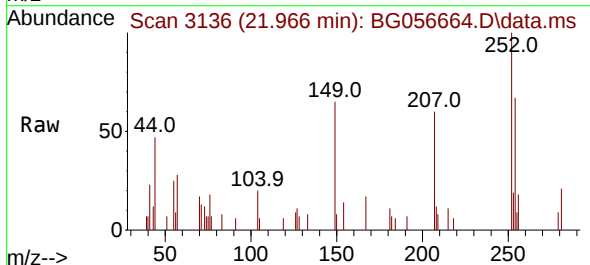
Tgt Ion:228 Resp: 46581
Ion Ratio Lower Upper
228 100
226 26.8 20.4 30.6
229 20.5 16.0 24.0

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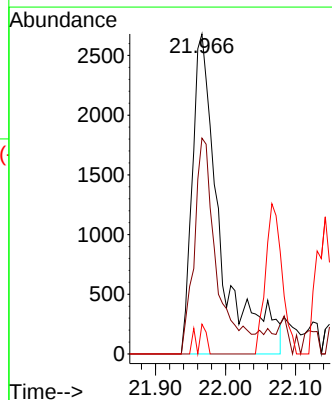
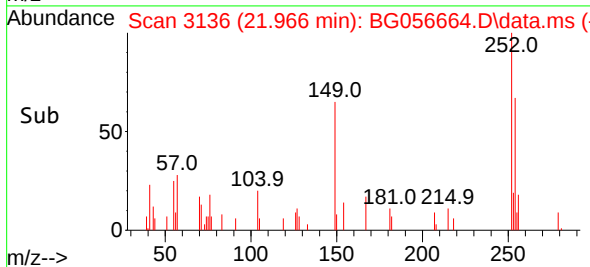
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023

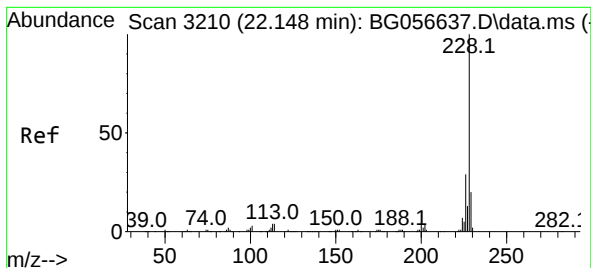


#82
3,3'-Dichlorobenzidine
Concen: 2.400 ng m
RT: 21.966 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32



Tgt Ion:252 Resp: 7369
Ion Ratio Lower Upper
252 100
254 67.5 52.2 78.2
126 9.3 4.9 7.3#





#83

Chrysene

Concen: 48.790 ng

RT: 22.143 min Scan# 3166

Delta R.T. -0.006 min

Lab File: BG056664.D

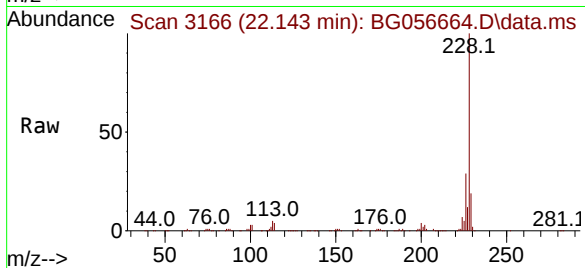
Acq: 17 Feb 2023 20:32

Instrument :

BNA_G

ClientSampleId :

COMP-277-281MSD



Tgt Ion:228 Resp: 431688

Ion Ratio Lower Upper

228 100

226 29.3 23.0 34.6

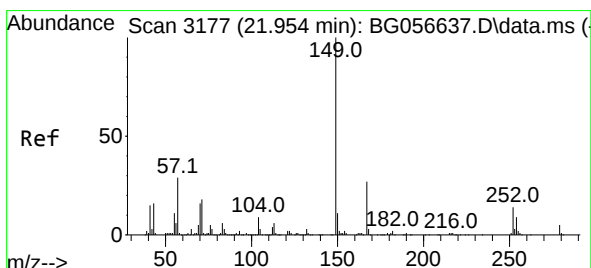
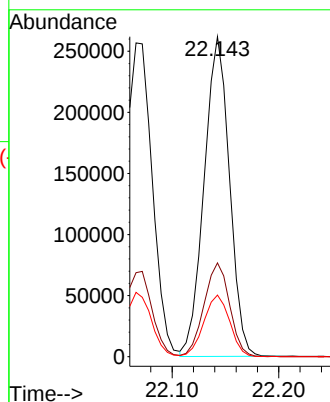
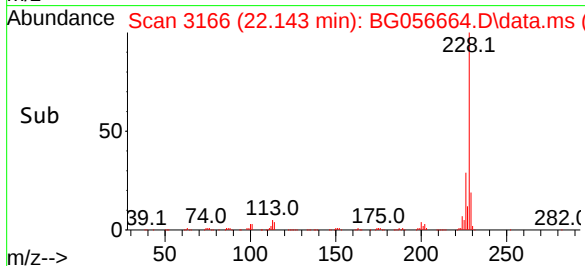
229 19.2 15.8 23.8

Manual Integrations

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Reviewed By :Yogesh Patel 02/18/2023

Supervised By :mohammad ahmed 02/20/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.436 ng

RT: 21.937 min Scan# 3131

Delta R.T. -0.017 min

Lab File: BG056664.D

Acq: 17 Feb 2023 20:32

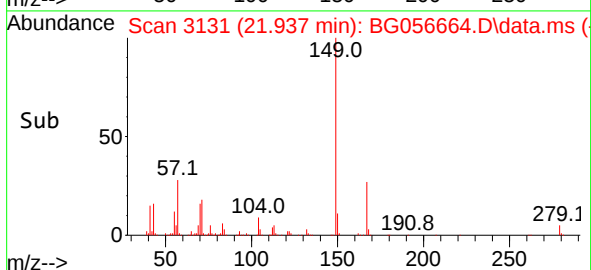
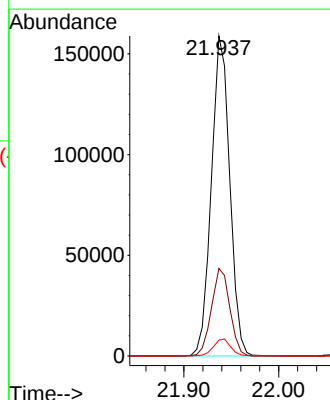
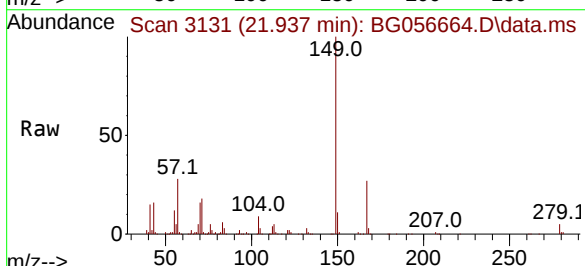
Tgt Ion:149 Resp: 213813

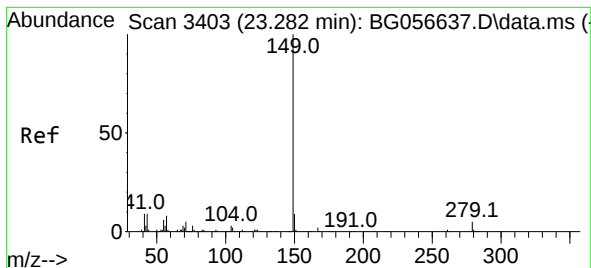
Ion Ratio Lower Upper

149 100

167 27.4 21.4 32.0

279 4.9 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 49.330 ng

RT: 23.265 min Scan# 31

Delta R.T. -0.017 min

Lab File: BG056664.D

Acq: 17 Feb 2023 20:32

Instrument :

BNA_G

ClientSampleId :

COMP-277-281MSD

Tgt Ion:149 Resp: 354608

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

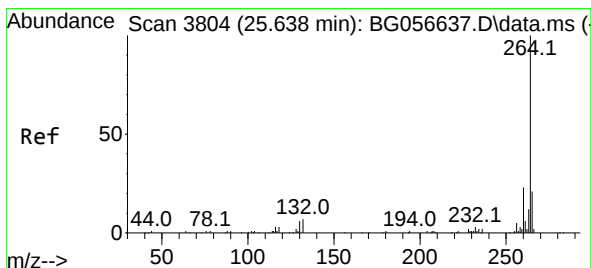
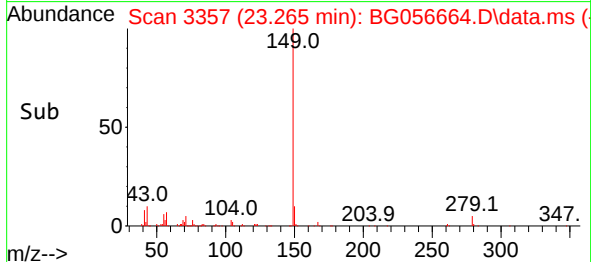
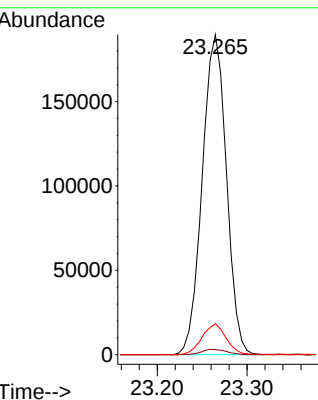
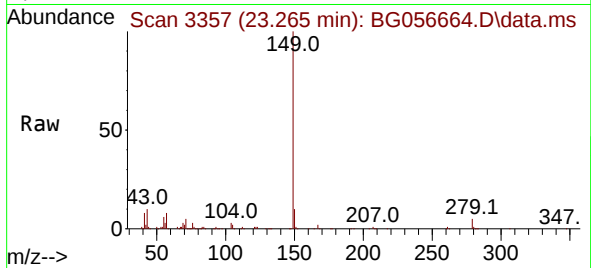
43 9.6 7.8 11.6

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Reviewed By :Yogesh Patel 02/18/2023

Supervised By :mohammad ahmed 02/20/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.633 min Scan# 3760

Delta R.T. -0.006 min

Lab File: BG056664.D

Acq: 17 Feb 2023 20:32

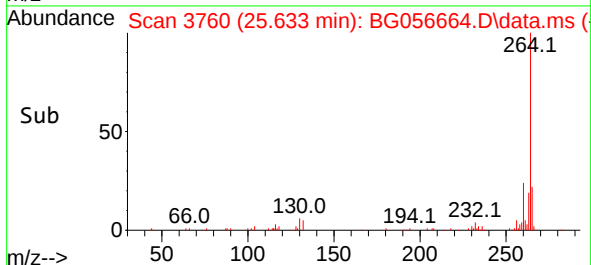
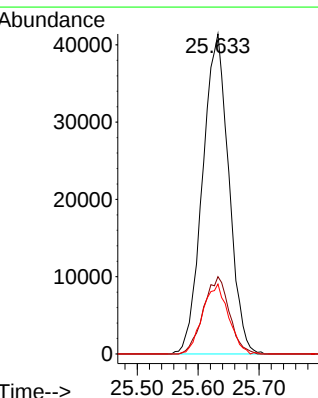
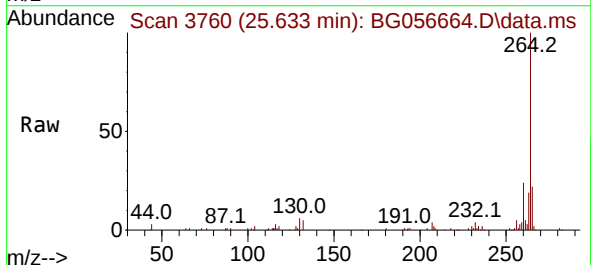
Tgt Ion:264 Resp: 123469

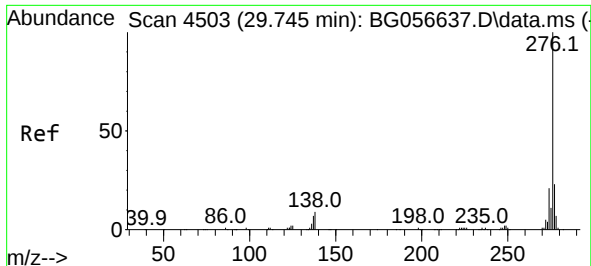
Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

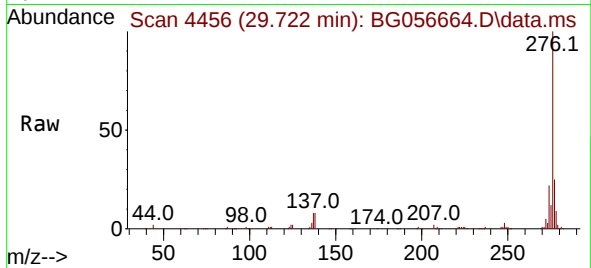
265 21.9 17.0 25.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 54.079 ng
 RT: 29.722 min Scan# 4456
 Delta R.T. -0.023 min
 Lab File: BG056664.D
 Acq: 17 Feb 2023 20:32

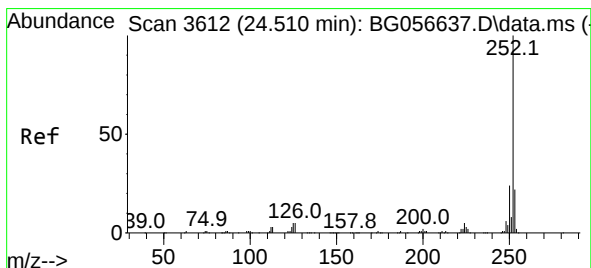
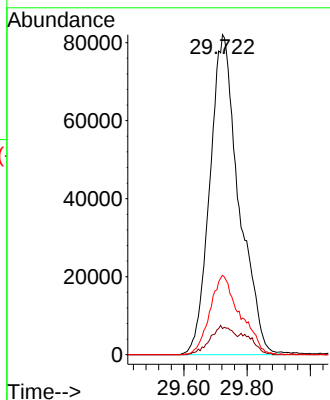
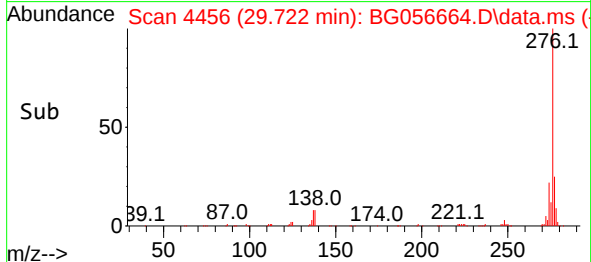
Instrument :
 BNA_G
 ClientSampleId :
 COMP-277-281MSD



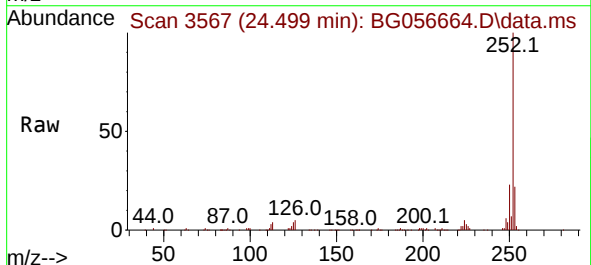
Tgt Ion:276 Resp: 52293
 Ion Ratio Lower Upper
 276 100
 138 7.4 3.8 5.8
 277 25.8 20.3 30.5

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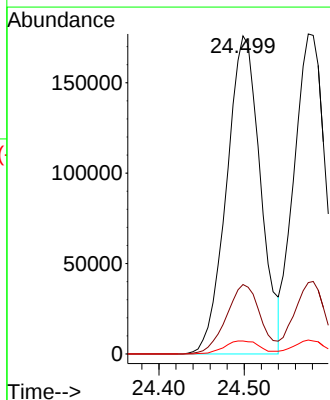
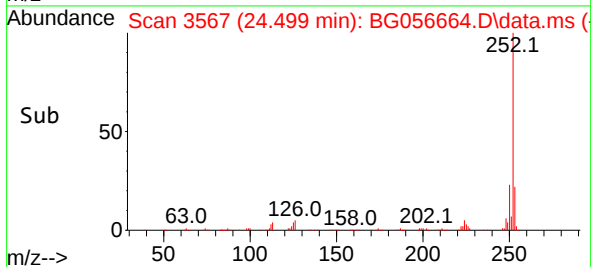
Reviewed By :Yogesh Patel 02/18/2023
 Supervised By :mohammad ahmed 02/20/2023

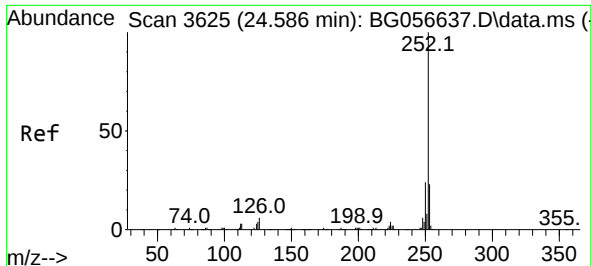


#88
 Benzo(b)fluoranthene
 Concen: 60.263 ng
 RT: 24.499 min Scan# 3567
 Delta R.T. -0.011 min
 Lab File: BG056664.D
 Acq: 17 Feb 2023 20:32



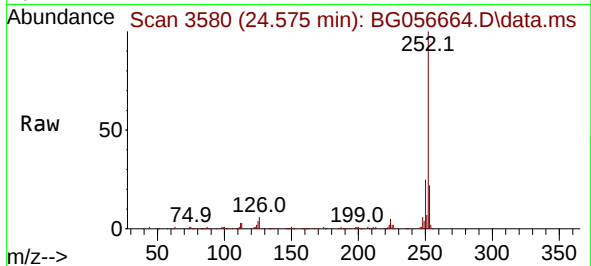
Tgt Ion:252 Resp: 486102
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.3 25.9
 125 4.1 3.7 5.5





#89
Benzo(k)fluoranthene
Concen: 57.045 ng
RT: 24.575 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

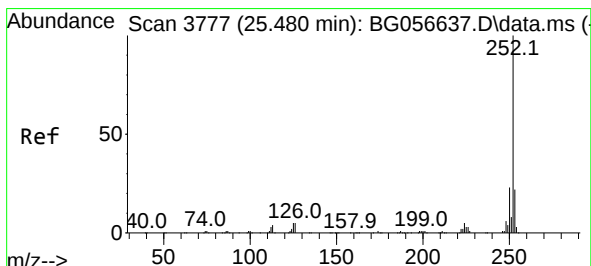
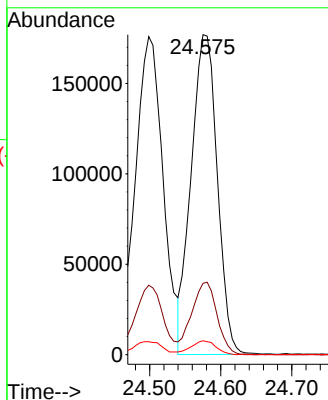
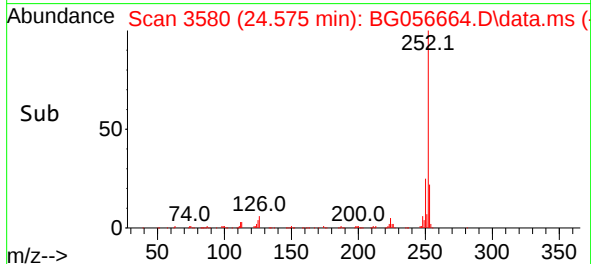
Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD



Tgt Ion:252 Resp: 45249
Ion Ratio Lower Upper
252 100
253 22.3 18.5 27.7
125 4.4 3.4 5.0

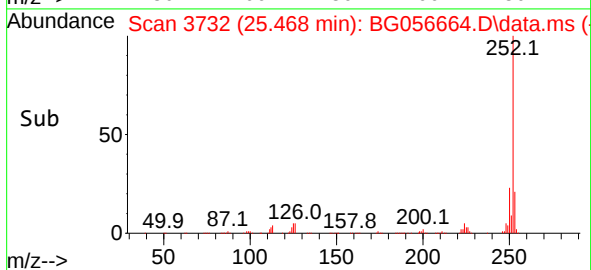
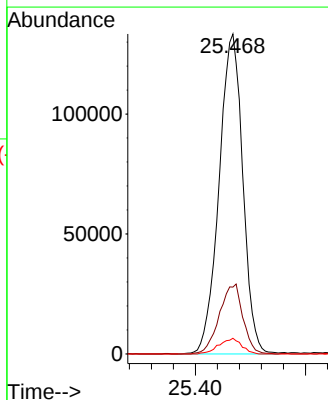
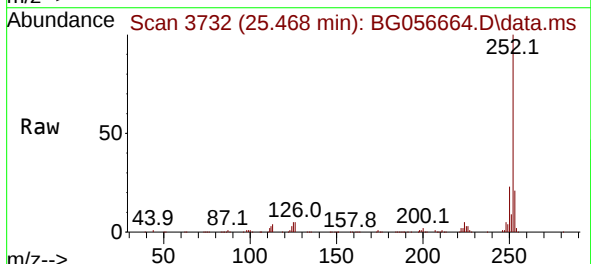
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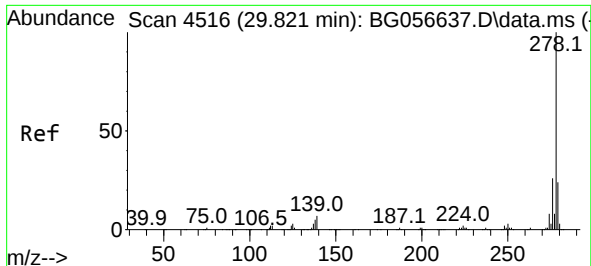
Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023



#90
Benzo(a)pyrene
Concen: 51.468 ng
RT: 25.468 min Scan# 3732
Delta R.T. -0.011 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

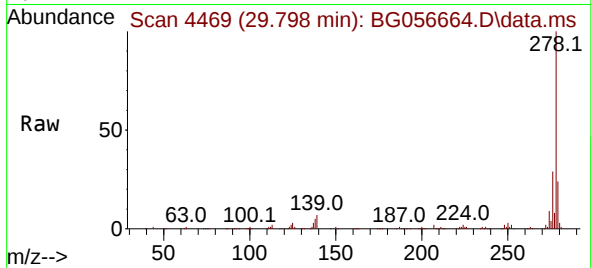
Tgt Ion:252 Resp: 399062
Ion Ratio Lower Upper
252 100
253 20.9 17.9 26.9
125 4.9 4.0 6.0





#91
Dibenzo(a,h)anthracene
Concen: 56.188 ng
RT: 29.798 min Scan# 4469
Delta R.T. -0.023 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32

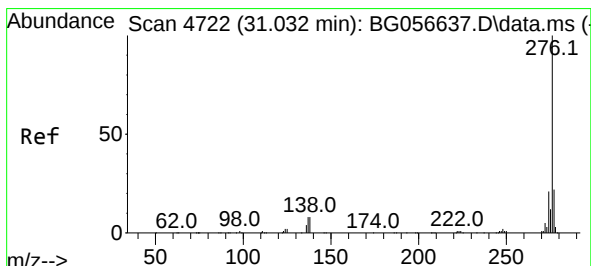
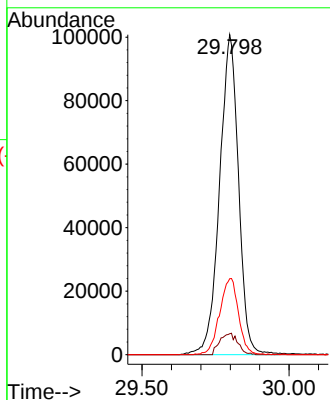
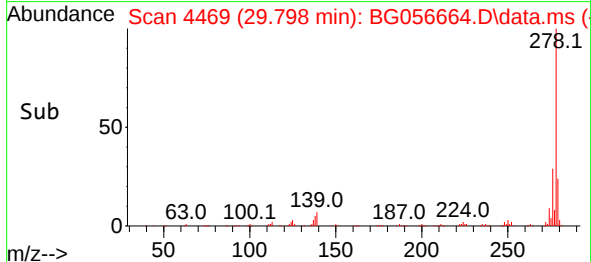
Instrument :
BNA_G
ClientSampleId :
COMP-277-281MSD



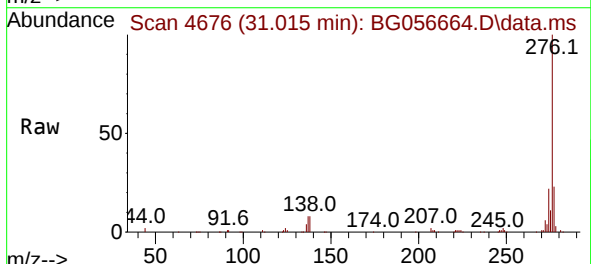
Tgt Ion:278 Resp: 44999
Ion Ratio Lower Upper
278 100
139 6.6 5.8 8.8
279 23.8 19.6 29.4

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Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023



#92
Benzo(g,h,i)perylene
Concen: 50.170 ng
RT: 31.015 min Scan# 4676
Delta R.T. -0.017 min
Lab File: BG056664.D
Acq: 17 Feb 2023 20:32



Tgt Ion:276 Resp: 392603
Ion Ratio Lower Upper
276 100
277 23.1 17.5 26.3
138 8.5 6.4 9.6

