

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120623\
 Data File : BG059969.D
 Acq On : 6 Dec 2023 14:37
 Operator : MA/JU
 Sample : 05602-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPRING-VALLEY-TP-1MSD

Quant Time: Dec 06 15:21:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 05 02:26:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.961	152	134349	20.000	ng	# 0.00
21) Naphthalene-d8	10.763	136	488755	20.000	ng	# 0.00
39) Acenaphthene-d10	14.600	164	437220	20.000	ng	0.00
64) Phenanthrene-d10	17.350	188	1452064	20.000	ng	0.00
76) Chrysene-d12	21.621	240	1904439	20.000	ng	0.00
86) Perylene-d12	24.811	264	2169744	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	758723	113.469	ng	0.01
7) Phenol-d6	7.120	99	1031532	97.878	ng	0.00
23) Nitrobenzene-d5	9.124	82	834023	60.999	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	1381338	98.196	ng	0.00
45) 2-Fluorobiphenyl	13.225	172	2889948	72.092	ng	0.00
79) Terphenyl-d14	19.970	244	6083797	55.070	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.448	88	68015	30.085	ng	# 79
3) Pyridine	3.848	79	126059	18.684	ng	89
4) n-Nitrosodimethylamine	3.748	42	112185	31.630	ng	87
6) Aniline	7.291	93	97038	8.343	ng	98
8) 2-Chlorophenol	7.526	128	273421	41.921	ng	94
9) Benzaldehyde	7.097	77	80804m	10.321	ng	
10) Phenol	7.144	94	360302	34.179	ng	89
11) bis(2-Chloroethyl)ether	7.379	93	260083	35.453	ng	87
12) 1,3-Dichlorobenzene	7.849	146	336652	35.864	ng	93
13) 1,4-Dichlorobenzene	7.996	146	335546	34.531	ng	92
14) 1,2-Dichlorobenzene	8.313	146	335280	35.195	ng	97
15) Benzyl Alcohol	8.196	79	352777	33.873	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.489	45	140575m	36.487	ng	
17) 2-Methylphenol	8.395	107	267787	37.698	ng	# 87
18) Hexachloroethane	9.042	117	109584	29.065	ng	98
19) n-Nitroso-di-n-propyla...	8.766	70	258404	32.718	ng	90
20) 3+4-Methylphenols	8.724	107	375977	37.300	ng	93
22) Acetophenone	8.783	105	546144	34.968	ng	# 89
24) Nitrobenzene	9.165	77	419756	30.681	ng	# 92
25) Isophorone	9.688	82	733102	31.186	ng	# 92
26) 2-Nitrophenol	9.870	139	168069	38.630	ng	91
27) 2,4-Dimethylphenol	9.929	122	270041	45.217	ng	88
28) bis(2-Chloroethoxy)met...	10.170	93	352997	31.962	ng	# 91
29) 2,4-Dichlorophenol	10.405	162	450303	37.869	ng	87
30) 1,2,4-Trichlorobenzene	10.628	180	561993	32.411	ng	96
31) Naphthalene	10.816	128	893009	35.544	ng	# 96
32) Benzoic acid	10.058	122	215655	37.869	ng	89
34) Hexachlorobutadiene	11.104	225	555579	28.578	ng	96
35) Caprolactam	11.692	113	84062m	33.613	ng	
36) 4-Chloro-3-methylphenol	12.038	107	373624	38.156	ng	98
37) 2-Methylnaphthalene	12.420	142	754399m	35.377	ng	
38) 1-Methylnaphthalene	12.643	142	736923	35.386	ng	# 95
40) 1,2,4,5-Tetrachloroben...	12.790	216	1126086	36.078	ng	98
41) Hexachlorocyclopentadiene	12.773	237	1376884	87.059	ng	94
43) 2,4,6-Trichlorophenol	13.025	196	609245	38.120	ng	95
44) 2,4,5-Trichlorophenol	13.096	196	674001	38.350	ng	97

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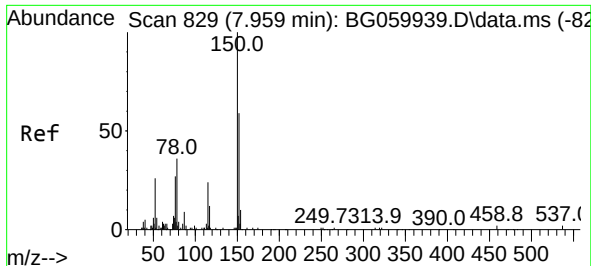
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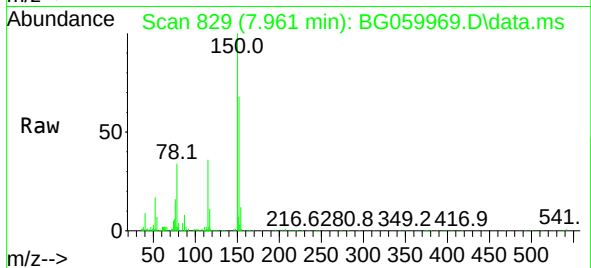
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.431	154	1287827	40.305	ng	98
47) 2-Chloronaphthalene	13.478	162	1084906	37.950	ng	97
48) 2-Nitroaniline	13.672	65	216759	40.001	ng	91
49) Acenaphthylene	14.318	152	1604399	41.933	ng	97
50) Dimethylphthalate	14.053	163	1468863	39.465	ng	99
51) 2,6-Dinitrotoluene	14.171	165	305734	37.493	ng	# 83
52) Acenaphthene	14.665	154	1258687m	45.580	ng	
53) 3-Nitroaniline	14.500	138	36779	7.270	ng	# 71
54) 2,4-Dinitrophenol	14.700	184	592547	83.311	ng	86
55) Dibenzofuran	14.999	168	1800648	38.658	ng	99
56) 4-Nitrophenol	14.800	139	343561	78.253	ng	93
57) 2,4-Dinitrotoluene	14.952	165	443289	39.086	ng	85
58) Fluorene	15.646	166	1541552	38.892	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.217	232	781038	37.357	ng	99
60) Diethylphthalate	15.422	149	1263127	38.103	ng	100
61) 4-Chlorophenyl-phenyle...	15.640	204	1248576	34.724	ng	95
62) 4-Nitroaniline	15.663	138	154777	26.580	ng	# 85
63) Azobenzene	15.934	77	1117936	32.507	ng	90
65) 4,6-Dinitro-2-methylph...	15.716	198	410158	36.945	ng	92
66) n-Nitrosodiphenylamine	15.851	169	1228210	36.926	ng	97
67) 4-Bromophenyl-phenylether	16.539	248	846206	34.015	ng	# 97
68) Hexachlorobenzene	16.650	284	1043920	37.766	ng	97
69) Atrazine	16.803	200	292567	17.827	ng	95
70) Pentachlorophenol	16.991	266	1482486	74.012	ng	96
71) Phenanthrene	17.391	178	2800958	40.851	ng	98
72) Anthracene	17.479	178	2894656	41.302	ng	99
73) Carbazole	17.749	167	1918007	36.008	ng	98
74) Di-n-butylphthalate	18.319	149	1994342	43.287	ng	99
75) Fluoranthene	19.406	202	3922718	34.812	ng	97
78) Pyrene	19.764	202	3952512m	38.998	ng	
80) Butylbenzylphthalate	20.663	149	727614	50.609	ng	89
81) Benzo(a)anthracene	21.603	228	4841792	38.105	ng	92
83) Chrysene	21.668	228	4477806	37.587	ng	94
84) Bis(2-ethylhexyl)phtha...	21.521	149	1104004	50.183	ng	98
85) Di-n-octyl phthalate	22.732	149	1913253	50.323	ng	# 98
87) Indeno(1,2,3-cd)pyrene	28.460	276	6733355	42.025	ng	# 99
88) Benzo(b)fluoranthene	23.801	252	5380295	40.118	ng	99
89) Benzo(k)fluoranthene	23.871	252	5068239	38.783	ng	98
90) Benzo(a)pyrene	24.665	252	4748402	39.645	ng	# 97
91) Dibenzo(a,h)anthracene	28.536	278	5802677	42.656	ng	98
92) Benzo(g,h,i)perylene	29.600	276	5237524	39.809	ng	# 96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.961 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

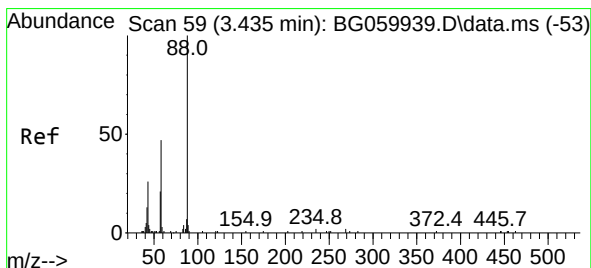
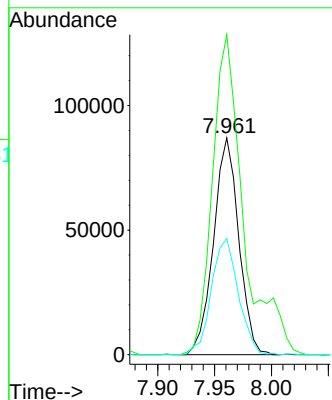
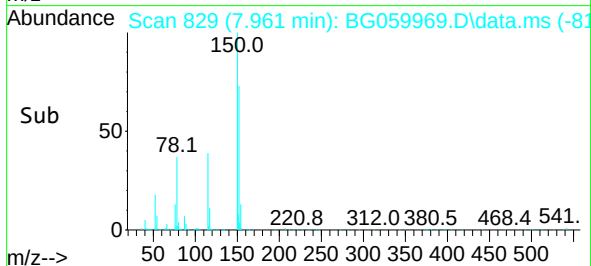
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



Tgt Ion:152 Resp: 134349
Ion Ratio Lower Upper
152 100
150 147.6 136.9 205.3
115 53.7 32.9 49.3

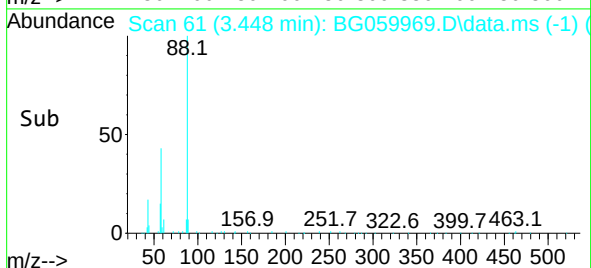
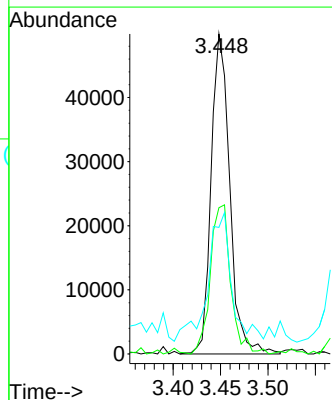
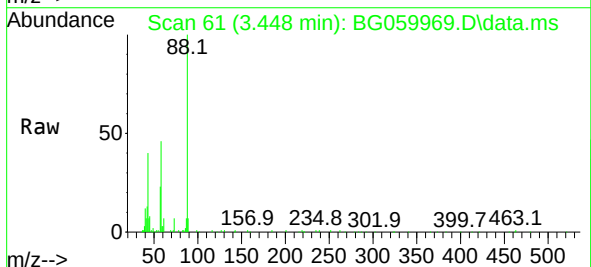
Manual Integrations
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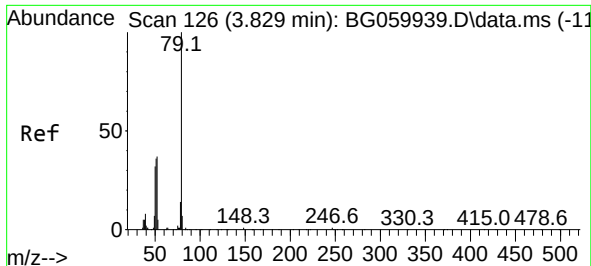
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#2
1,4-Dioxane
Concen: 30.085 ng
RT: 3.448 min Scan# 61
Delta R.T. 0.013 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

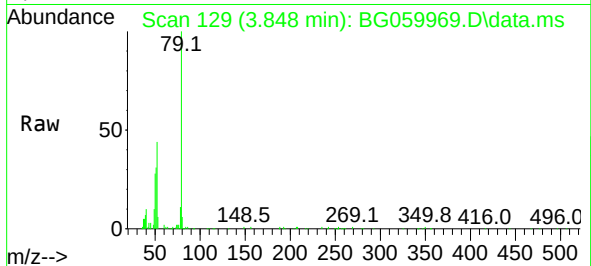
Tgt Ion: 88 Resp: 68015
Ion Ratio Lower Upper
88 100
58 51.4 38.2 57.2
43 51.9 21.0 31.4





#3
Pyridine
Concen: 18.684 ng
RT: 3.848 min Scan# 11
Delta R.T. 0.019 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

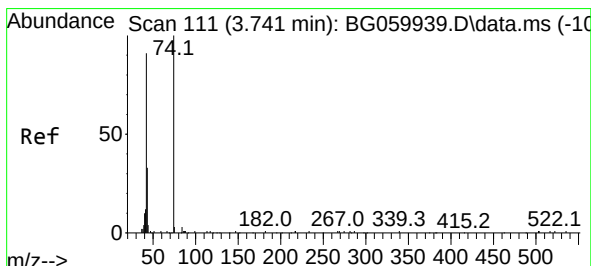
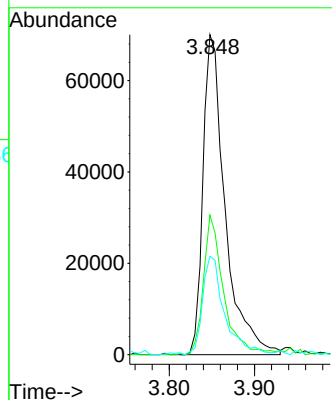
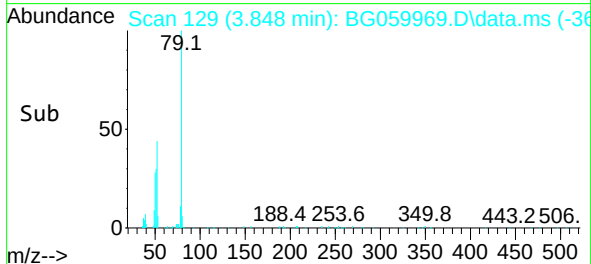
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



Tgt Ion: 79 Resp: 126059
Ion Ratio Lower Upper
79 100
52 43.6 29.8 44.8
51 30.8 30.3 45.5

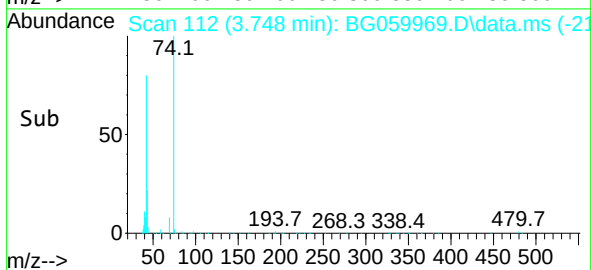
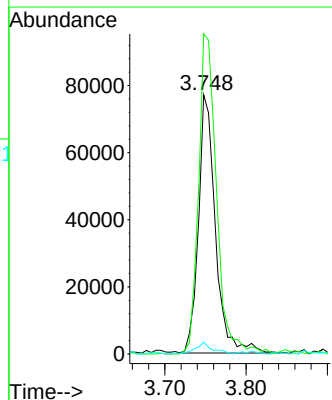
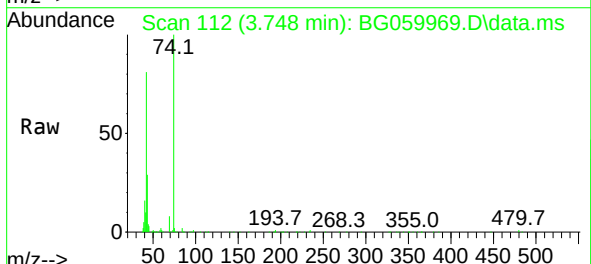
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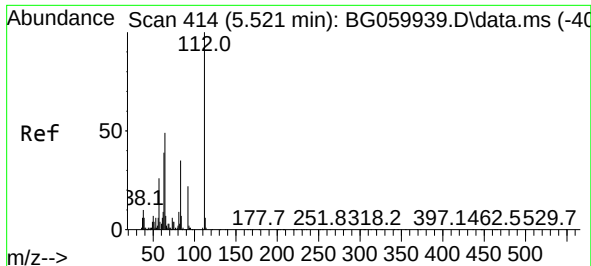
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#4
n-Nitrosodimethylamine
Concen: 31.630 ng
RT: 3.748 min Scan# 112
Delta R.T. 0.007 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

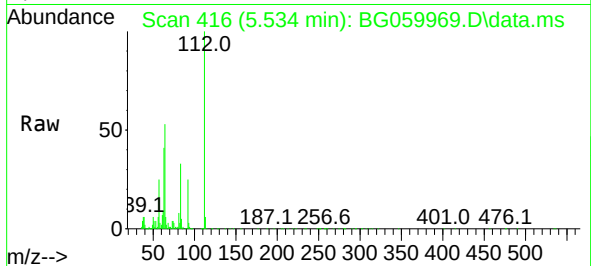
Tgt Ion: 42 Resp: 112185
Ion Ratio Lower Upper
42 100
74 123.5 87.4 131.2
44 4.7 3.7 5.5





#5
2-Fluorophenol
Concen: 113.469 ng
RT: 5.534 min Scan# 414
Delta R.T. 0.013 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

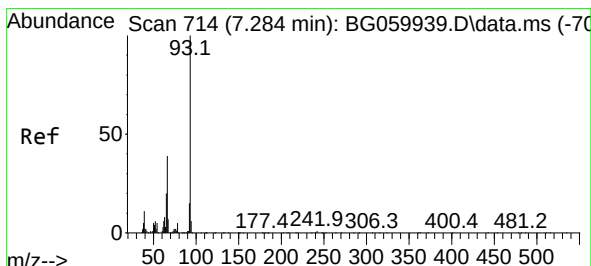
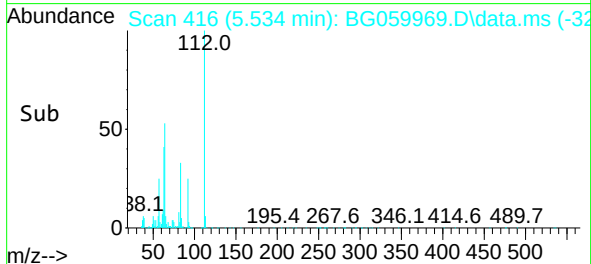
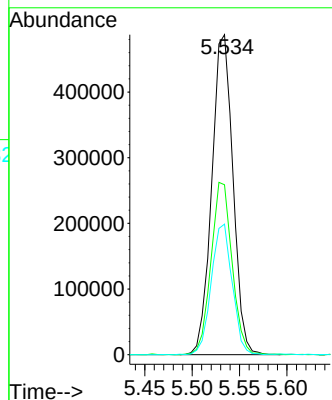
Instrument :
BNA_G
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SPRING-VALLEY-TP-1MSD



Tgt Ion:112 Resp: 75872
Ion Ratio Lower Upper
112 100
64 53.1 39.4 59.0
63 40.8 31.2 46.8

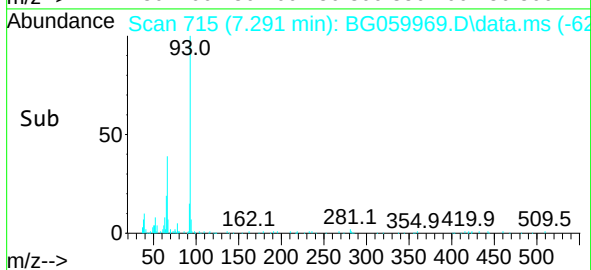
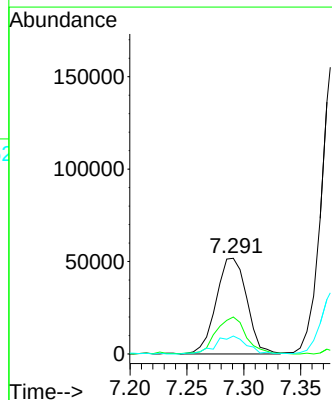
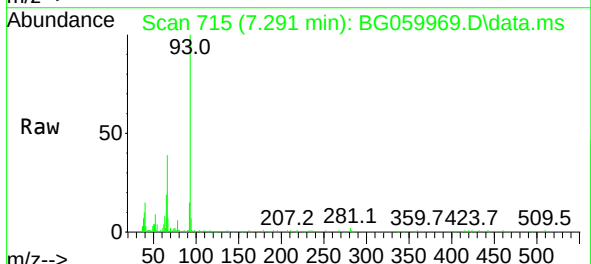
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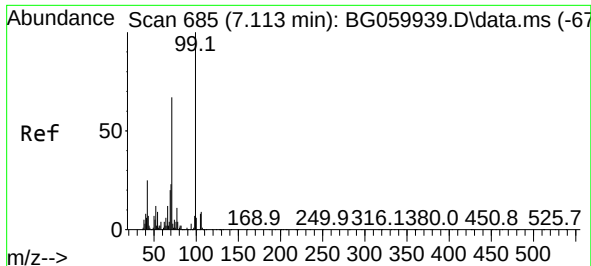
Reviewed By :Yogesh Patel 12/07/2023
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#6
Aniline
Concen: 8.343 ng
RT: 7.291 min Scan# 715
Delta R.T. 0.007 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

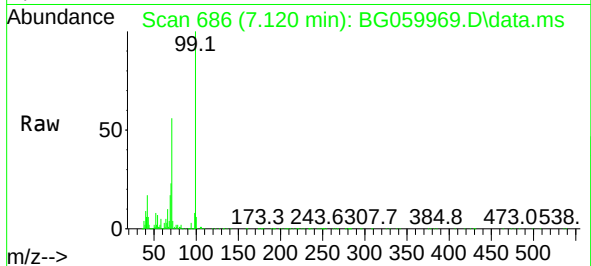
Tgt Ion: 93 Resp: 97038
Ion Ratio Lower Upper
93 100
66 38.6 31.4 47.0
65 18.7 16.2 24.2





#7
Phenol-d6
Concen: 97.878 ng
RT: 7.120 min Scan# 686
Delta R.T. 0.007 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

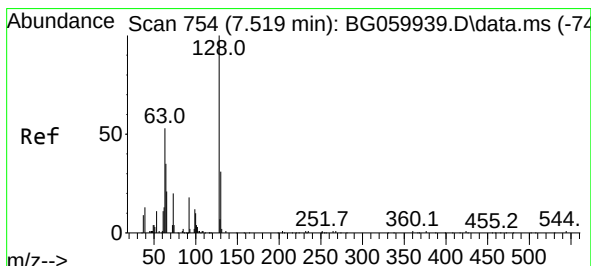
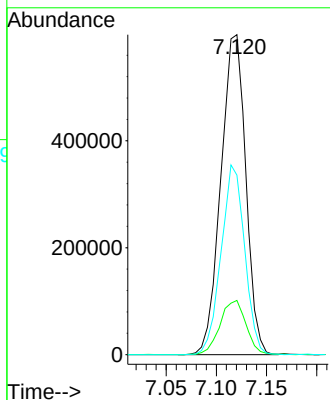
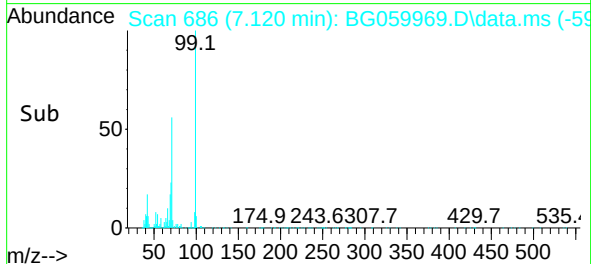
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



Tgt Ion: 99 Resp: 103153
Ion Ratio Lower Upper
99 100
42 16.9 20.1 30.1
71 56.1 53.8 80.6

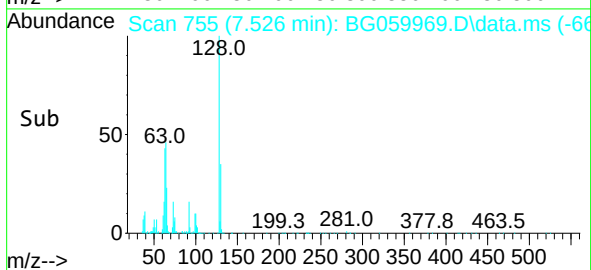
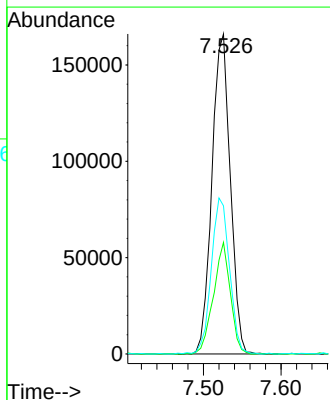
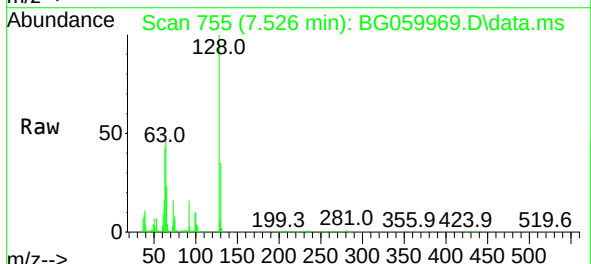
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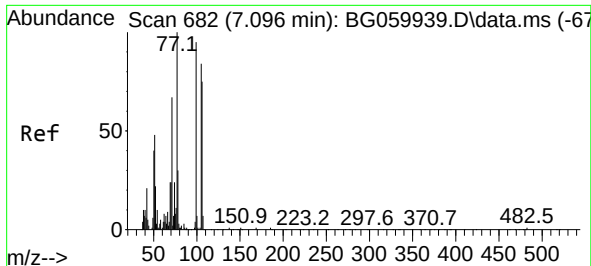
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#8
2-Chlorophenol
Concen: 41.921 ng
RT: 7.526 min Scan# 755
Delta R.T. 0.007 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

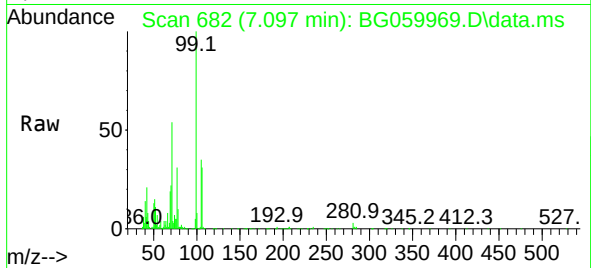
Tgt Ion:128 Resp: 273421
Ion Ratio Lower Upper
128 100
130 34.9 10.9 50.9
64 46.3 30.3 70.3





#9
Benzaldehyde
Concen: 10.321 ng m
RT: 7.097 min Scan# 682
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

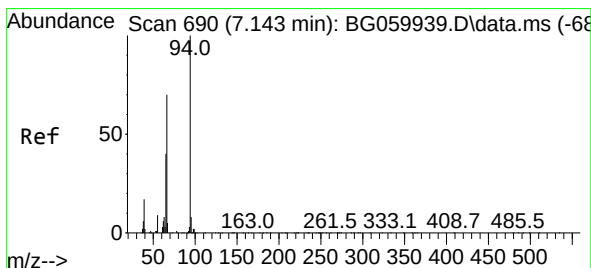
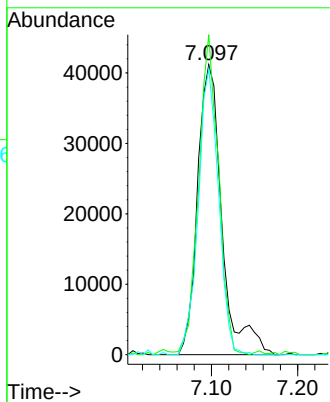
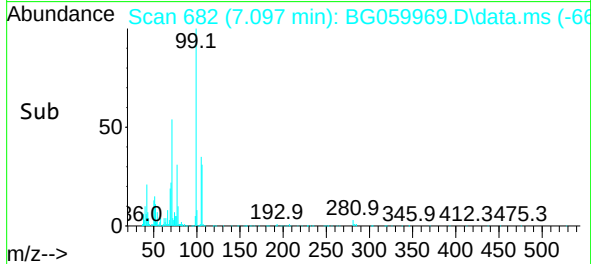
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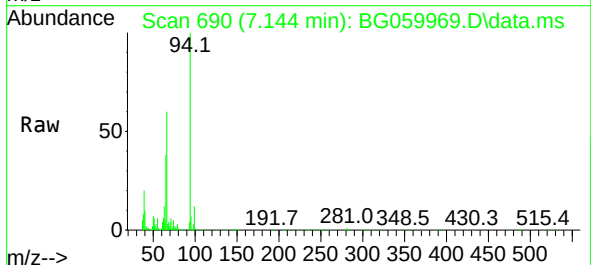
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Ion Ratio Lower Upper
77 100
105 110.3 64.2 104.2
106 98.5 55.6 95.6

Manual Integrations
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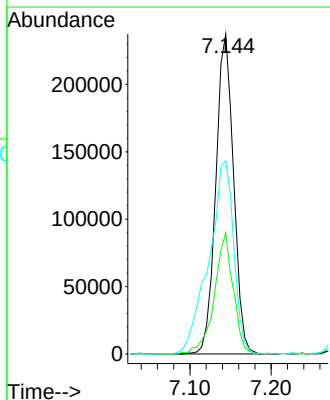
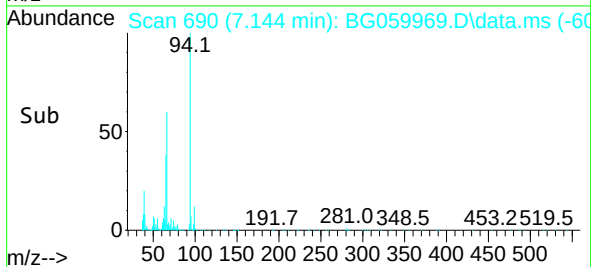
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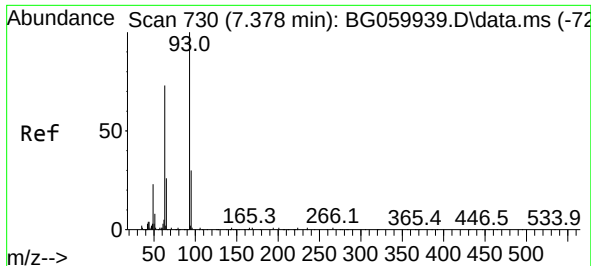


#10
Phenol
Concen: 34.179 ng
RT: 7.144 min Scan# 690
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37



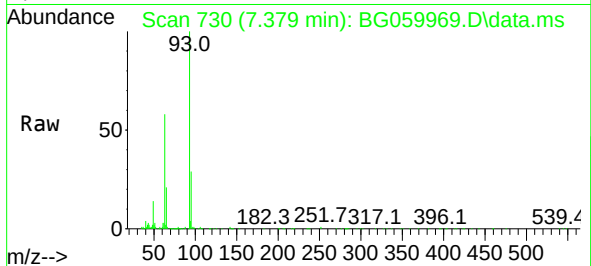
Tgt Ion: 94 Resp: 360302
Ion Ratio Lower Upper
94 100
65 37.9 20.6 60.6
66 60.4 52.1 92.1





#11
bis(2-Chloroethyl)ether
Concen: 35.453 ng
RT: 7.379 min Scan# 71
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

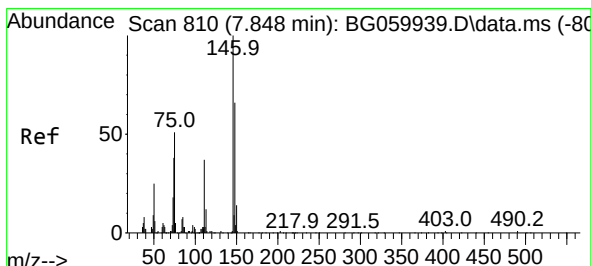
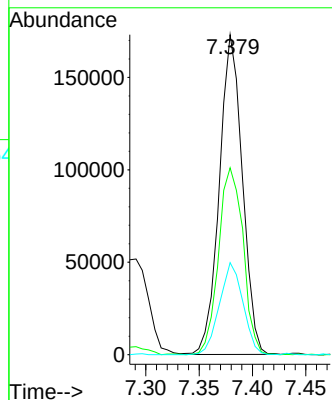
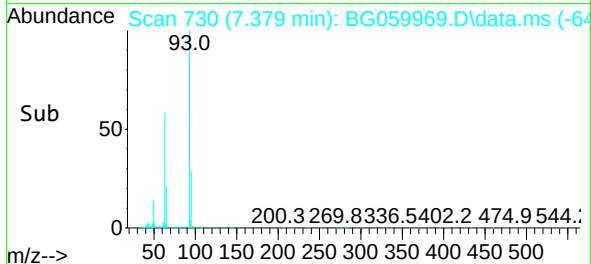
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



Tgt Ion: 93 Resp: 260083
Ion Ratio Lower Upper
93 100
63 58.4 52.9 92.9
95 28.8 9.9 49.9

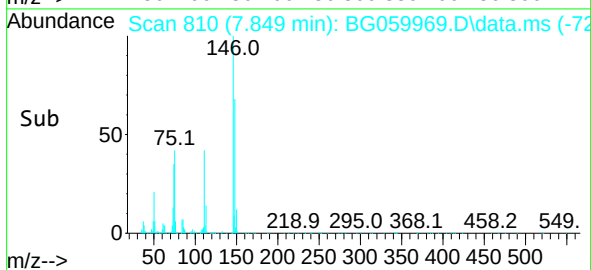
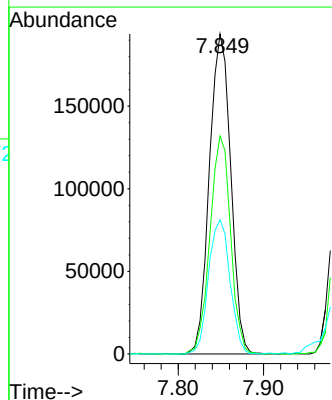
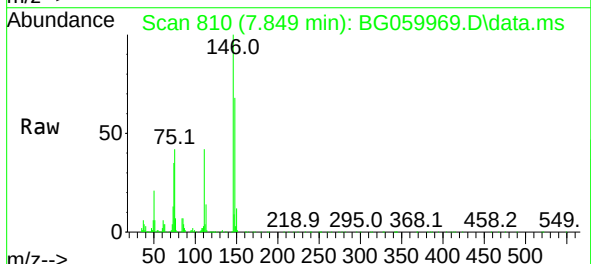
Manual Integrations
APPROVED

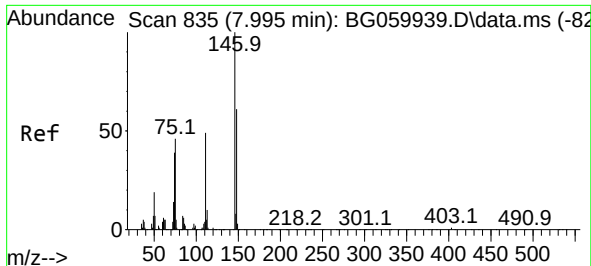
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#12
1,3-Dichlorobenzene
Concen: 35.864 ng
RT: 7.849 min Scan# 810
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

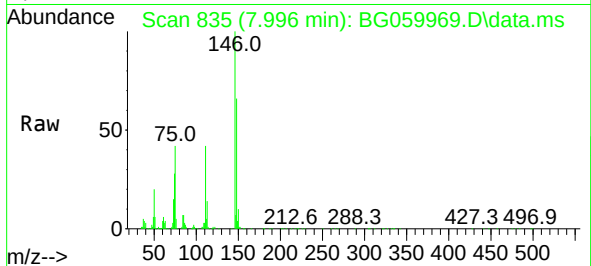
Tgt Ion:146 Resp: 336652
Ion Ratio Lower Upper
146 100
148 68.1 52.9 79.3
75 42.0 40.7 61.1





#13
1,4-Dichlorobenzene
Concen: 34.531 ng
RT: 7.996 min Scan# 811
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

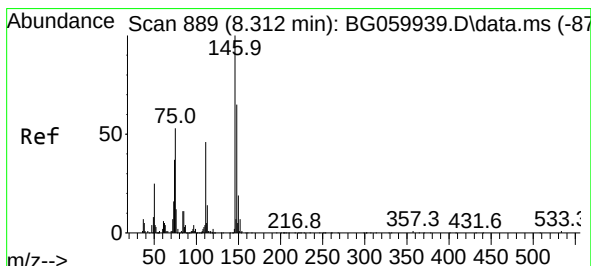
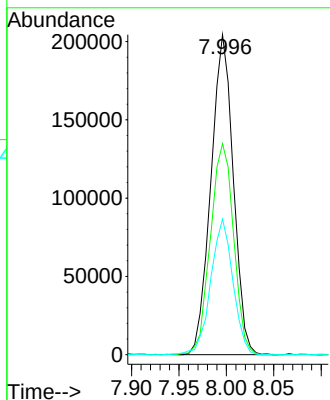
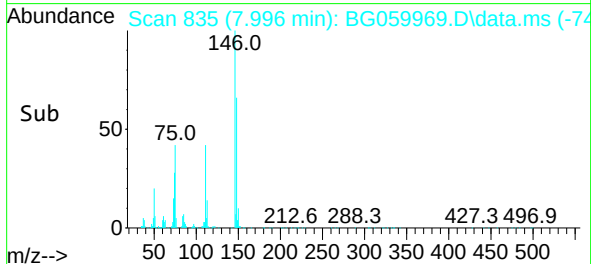
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



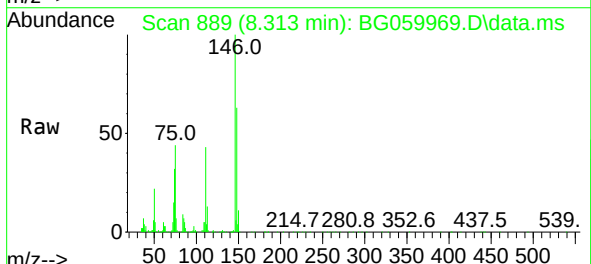
Tgt Ion:146 Resp: 335540
Ion Ratio Lower Upper
146 100
148 65.9 48.8 73.2
111 42.4 39.1 58.7

Manual Integrations
APPROVED

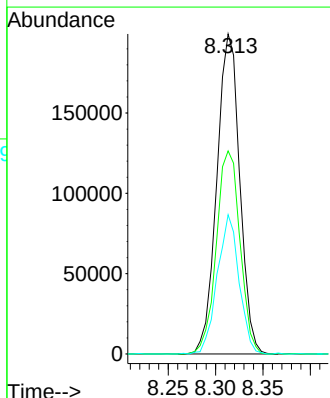
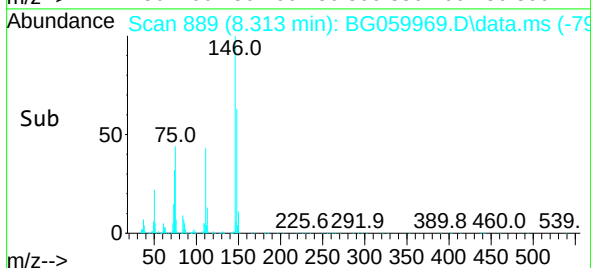
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

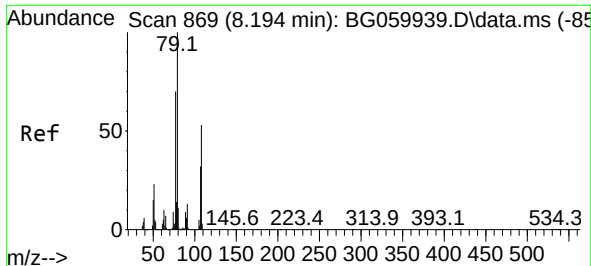


#14
1,2-Dichlorobenzene
Concen: 35.195 ng
RT: 8.313 min Scan# 889
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37



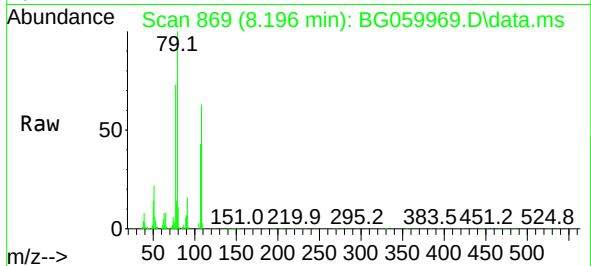
Tgt Ion:146 Resp: 335280
Ion Ratio Lower Upper
146 100
148 63.4 52.4 78.6
111 43.5 36.7 55.1





#15
Benzyl Alcohol
Concen: 33.873 ng
RT: 8.196 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

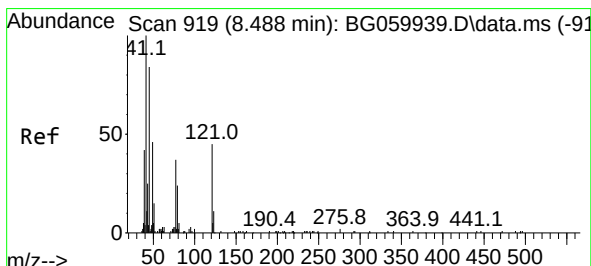
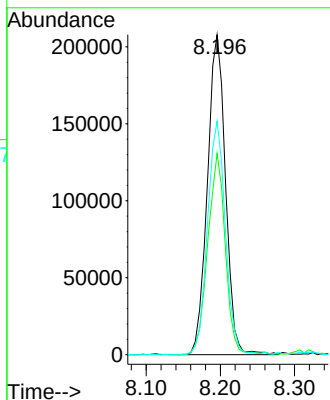
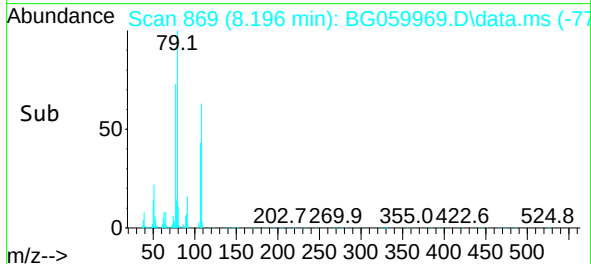
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



Tgt Ion: 79 Resp: 35277
Ion Ratio Lower Upper
79 100
108 62.9 42.7 64.1
77 72.9 56.3 84.5

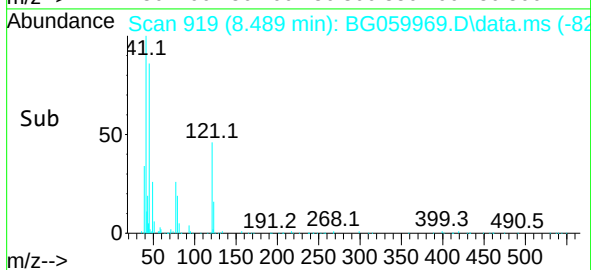
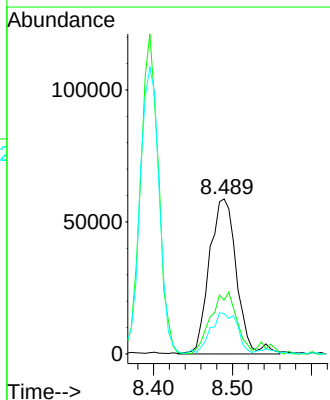
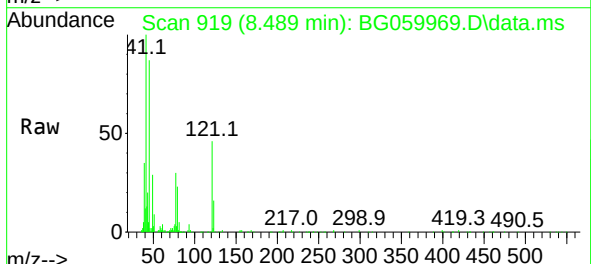
Manual Integrations
APPROVED

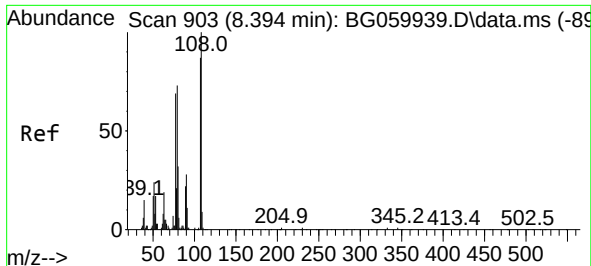
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.487 ng m
RT: 8.489 min Scan# 919
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

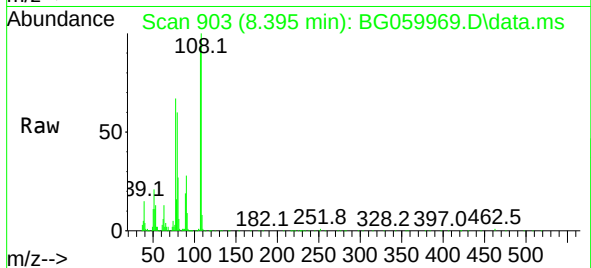
Tgt Ion: 45 Resp: 140575
Ion Ratio Lower Upper
45 100
77 34.8 26.2 66.2
79 26.0 11.2 51.2





#17
2-Methylphenol
Concen: 37.698 ng
RT: 8.395 min Scan# 90
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

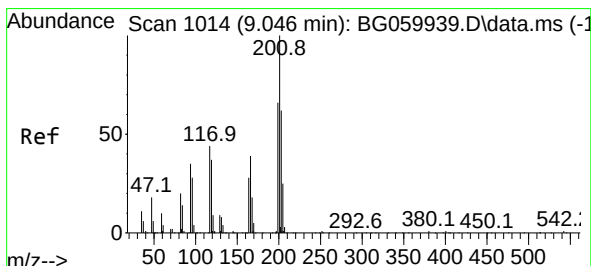
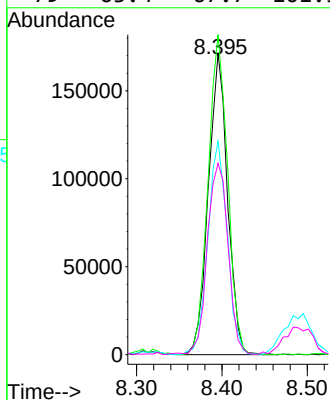
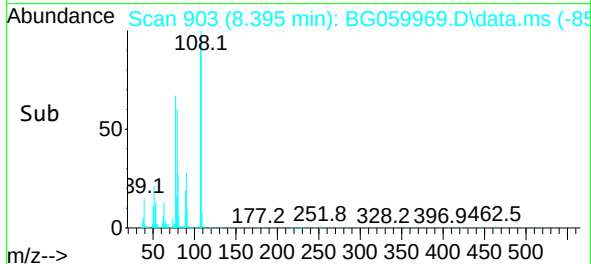
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



Tgt Ion:107 Resp: 26778
Ion Ratio Lower Upper
107 100
108 106.2 92.2 138.4
77 70.8 63.7 95.5
79 63.4 67.7 101.5#

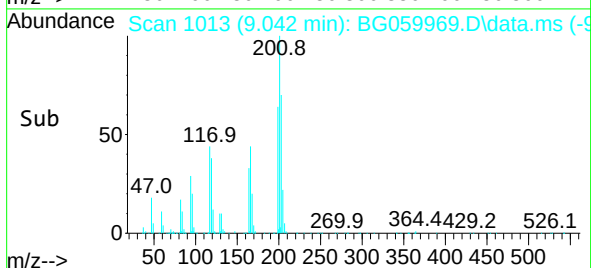
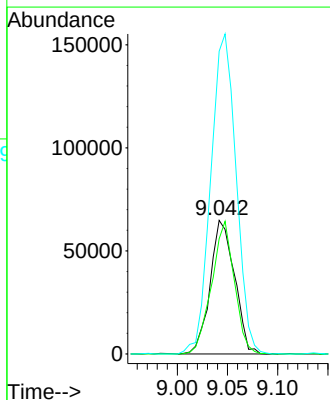
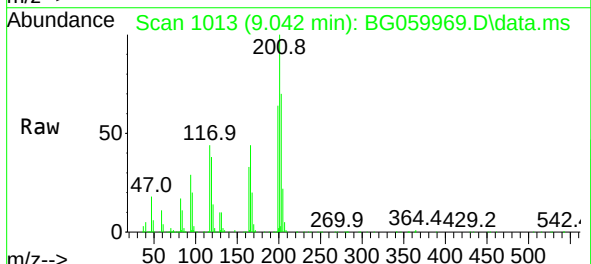
Manual Integrations
APPROVED

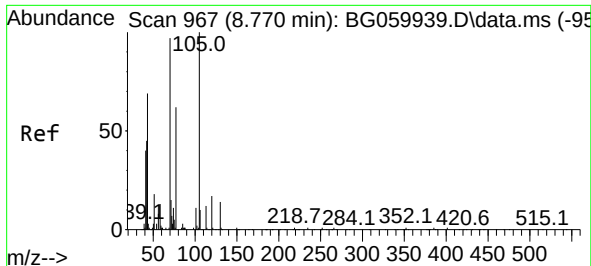
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#18
Hexachloroethane
Concen: 29.065 ng
RT: 9.042 min Scan# 1013
Delta R.T. -0.005 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

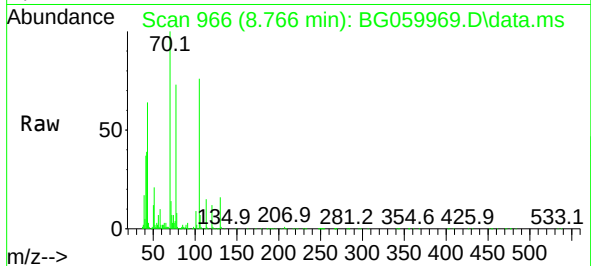
Tgt Ion:117 Resp: 109584
Ion Ratio Lower Upper
117 100
119 86.1 67.5 101.3
201 232.2 183.0 274.6





#19
n-Nitroso-di-n-propylamine
Concen: 32.718 ng
RT: 8.766 min Scan# 967
Delta R.T. -0.005 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

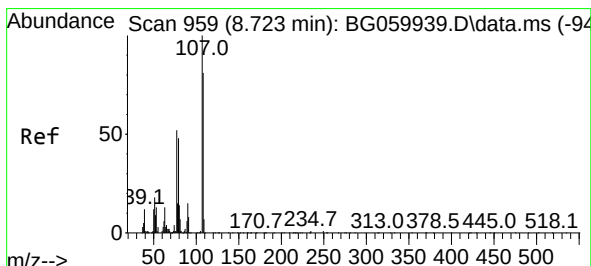
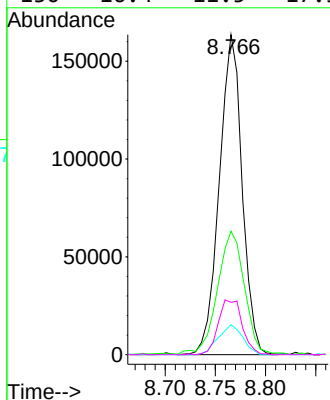
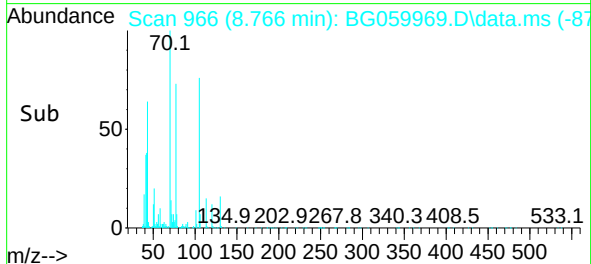
Instrument : BNA_G
ClientSampleId : SPRING-VALLEY-TP-1MSD



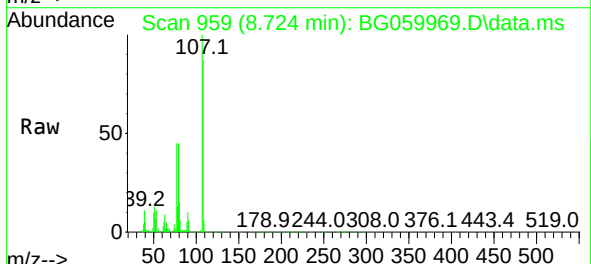
Tgt Ion: 70 Resp: 25840
Ion Ratio Lower Upper
70 100
42 38.6 38.1 57.1
101 9.4 8.6 13.0
130 16.4 11.5 17.3

Manual Integrations
APPROVED

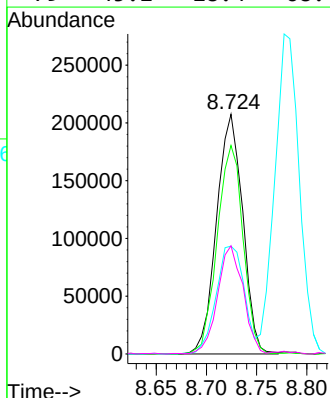
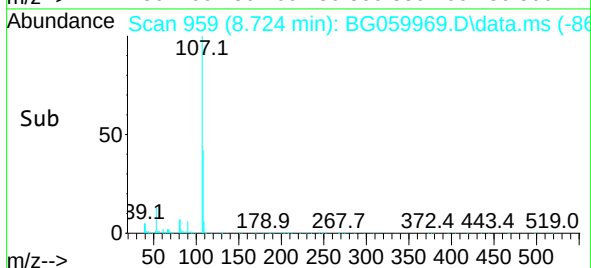
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

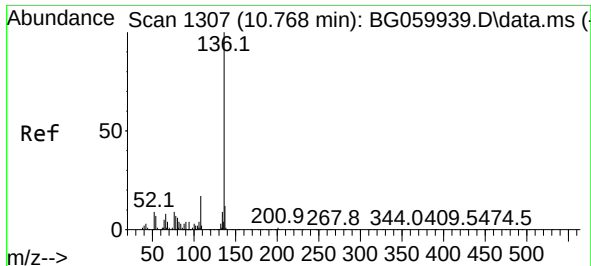


#20
3+4-Methylphenols
Concen: 37.300 ng
RT: 8.724 min Scan# 959
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37



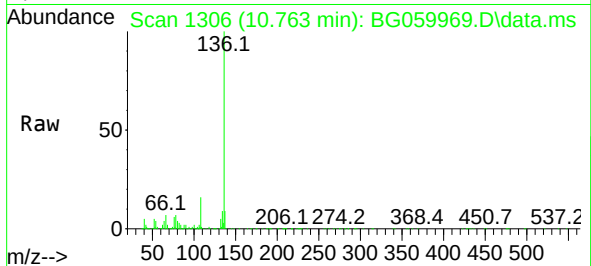
Tgt Ion:107 Resp: 375977
Ion Ratio Lower Upper
107 100
108 87.0 60.7 100.7
77 45.0 32.2 72.2
79 45.2 28.4 68.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.763 min Scan# 1306
Delta R.T. -0.005 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

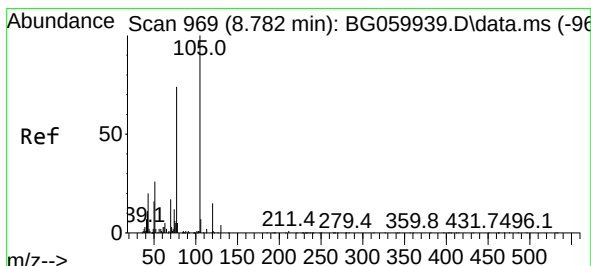
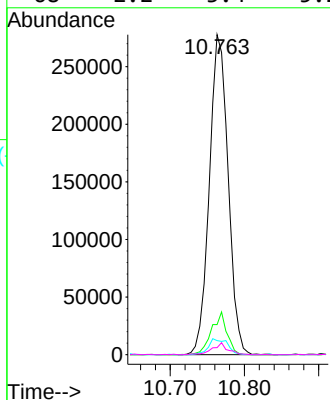
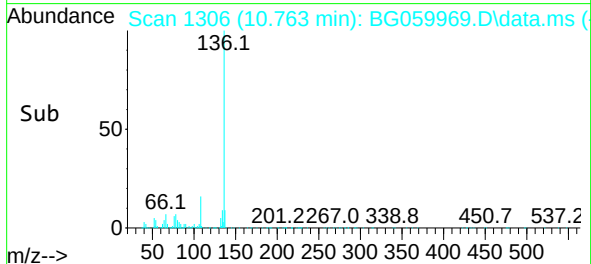
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



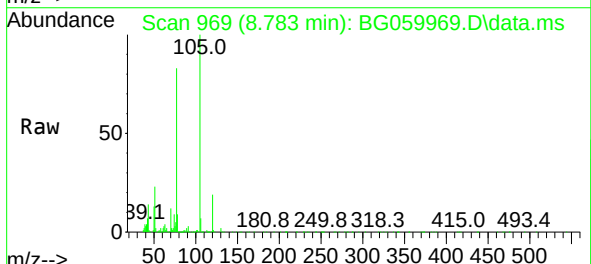
Tgt Ion:136 Resp: 48875
Ion Ratio Lower Upper
136 100
137 9.4 9.8 14.6#
54 4.4 5.8 8.6#
68 2.2 3.4 5.2#

Manual Integrations
APPROVED

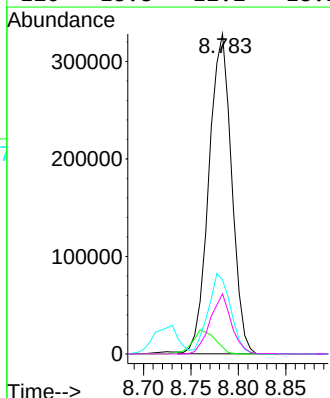
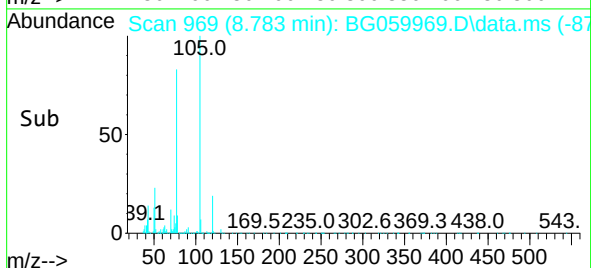
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

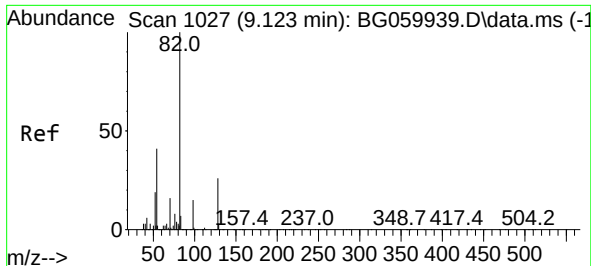


#22
Acetophenone
Concen: 34.968 ng
RT: 8.783 min Scan# 969
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37



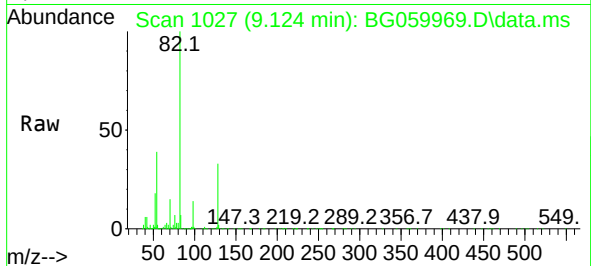
Tgt Ion:105 Resp: 546144
Ion Ratio Lower Upper
105 100
71 2.2 3.0 4.4#
51 23.1 24.4 36.6#
120 18.8 12.2 18.2#





#23
Nitrobenzene-d5
Concen: 60.999 ng
RT: 9.124 min Scan# 1027
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

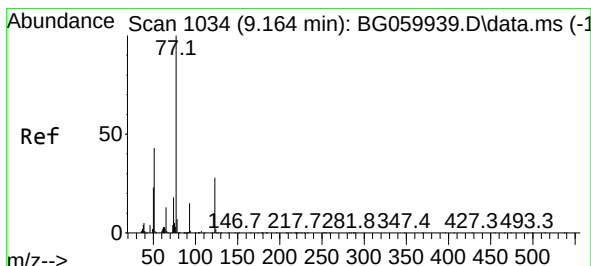
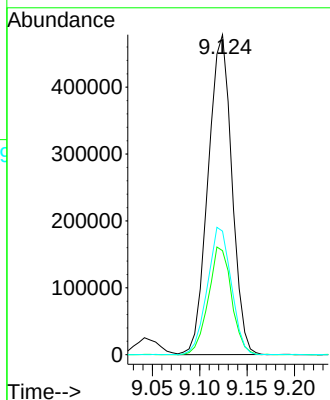
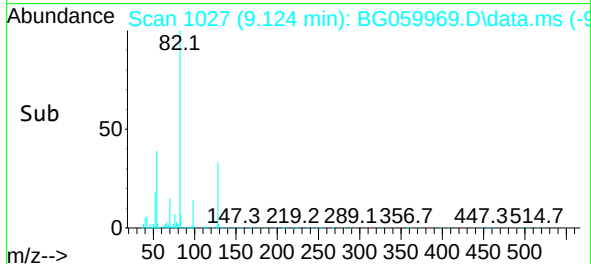
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



Tgt Ion: 82 Resp: 834023
Ion Ratio Lower Upper
82 100
128 32.5 21.0 31.6
54 38.6 32.6 48.8

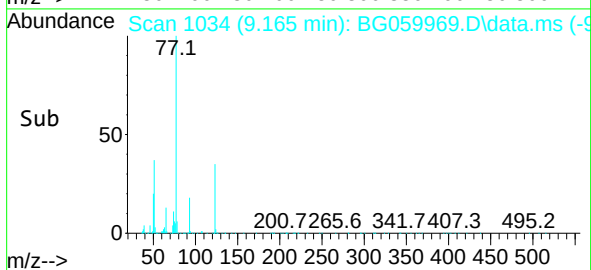
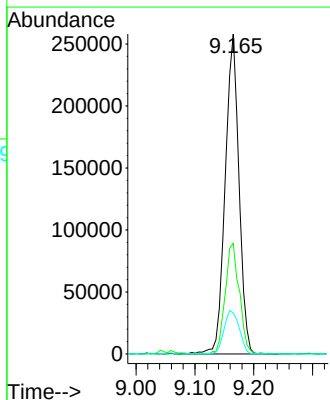
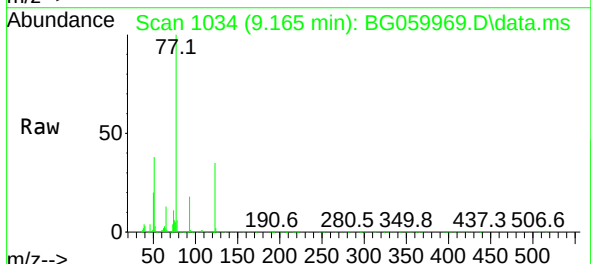
Manual Integrations
APPROVED

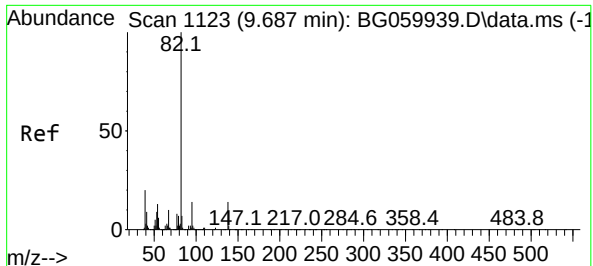
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#24
Nitrobenzene
Concen: 30.681 ng
RT: 9.165 min Scan# 1034
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

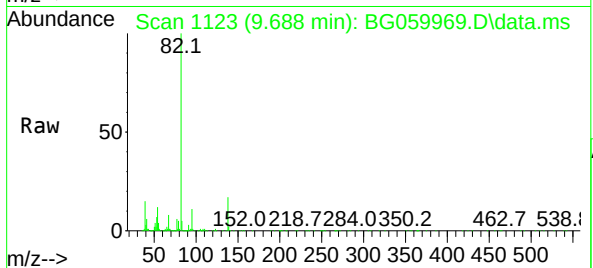
Tgt Ion: 77 Resp: 419756
Ion Ratio Lower Upper
77 100
123 34.6 22.7 34.1#
65 12.8 10.6 16.0





#25
Isophorone
Concen: 31.186 ng
RT: 9.688 min Scan# 1123
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

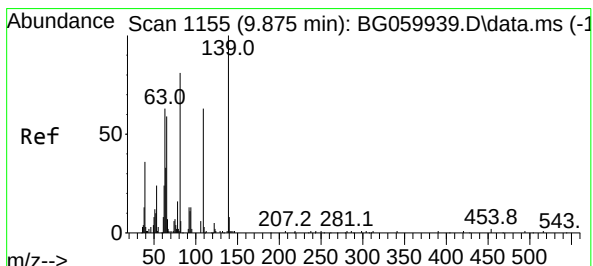
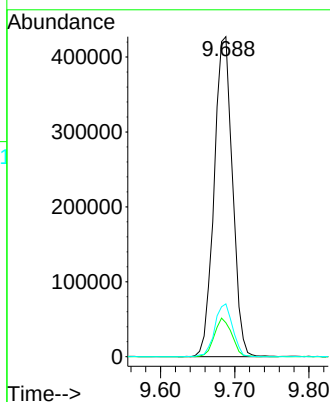
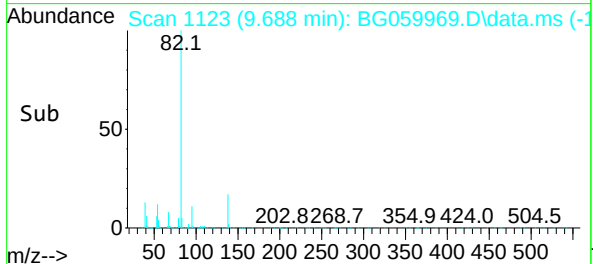
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



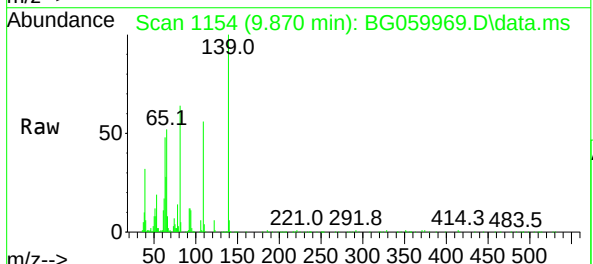
Tgt Ion: 82 Resp: 73310
Ion Ratio Lower Upper
82 100
95 10.6 11.2 16.8
138 16.5 11.0 16.4

Manual Integrations
APPROVED

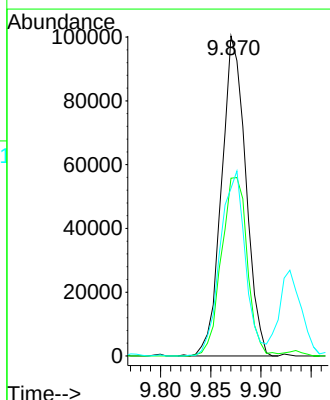
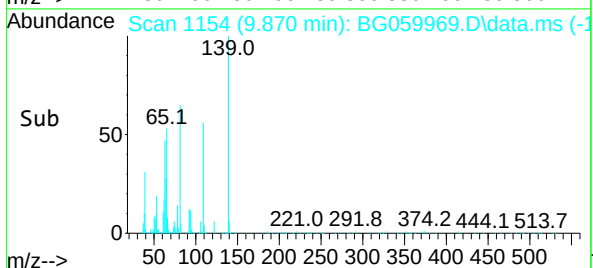
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

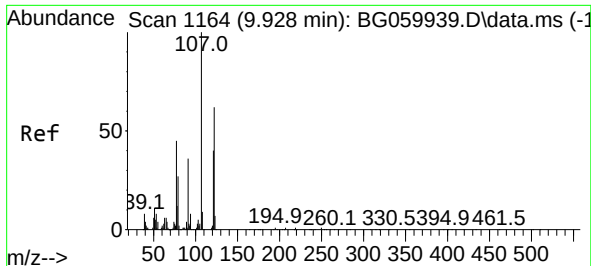


#26
2-Nitrophenol
Concen: 38.630 ng
RT: 9.870 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37



Tgt Ion:139 Resp: 168069
Ion Ratio Lower Upper
139 100
109 55.5 50.2 75.2
65 52.4 46.8 70.2





#27

2,4-Dimethylphenol

Concen: 45.217 ng

RT: 9.929 min Scan# 1164

Delta R.T. 0.001 min

Lab File: BG059969.D

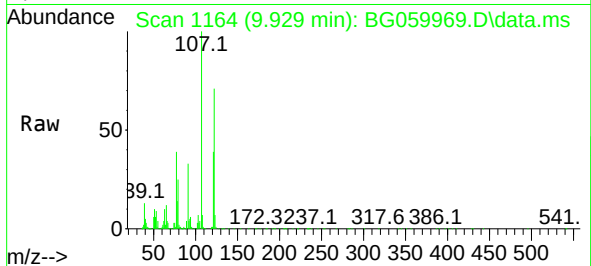
Acq: 6 Dec 2023 14:37

Instrument :

BNA_G

ClientSampleId :

SPRING-VALLEY-TP-1MSD



Tgt Ion:122 Resp: 27004

Ion Ratio Lower Upper

122 100

107 141.4 126.1 189.1

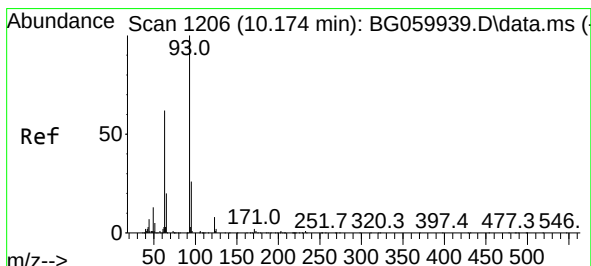
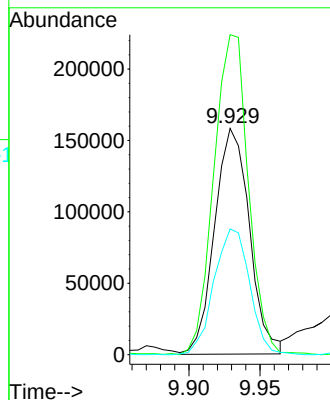
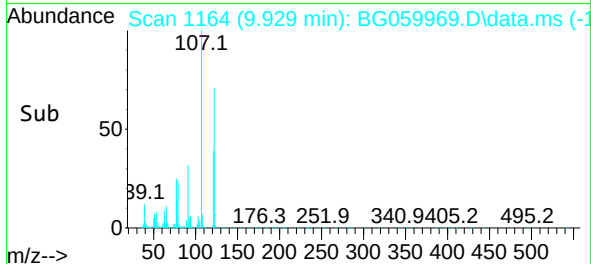
121 55.6 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#28

bis(2-Chloroethoxy)methane

Concen: 31.962 ng

RT: 10.170 min Scan# 1205

Delta R.T. -0.005 min

Lab File: BG059969.D

Acq: 6 Dec 2023 14:37

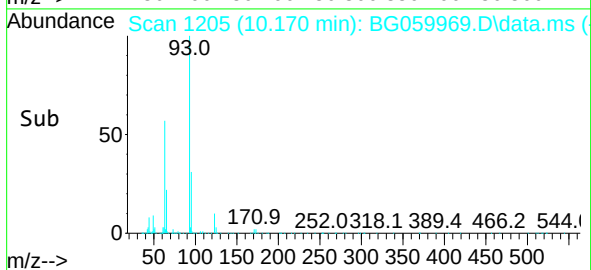
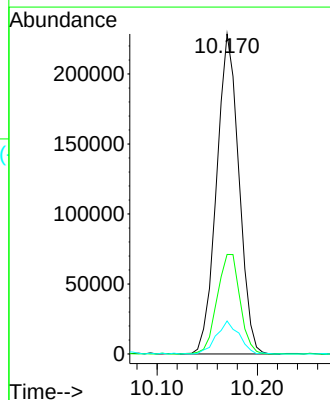
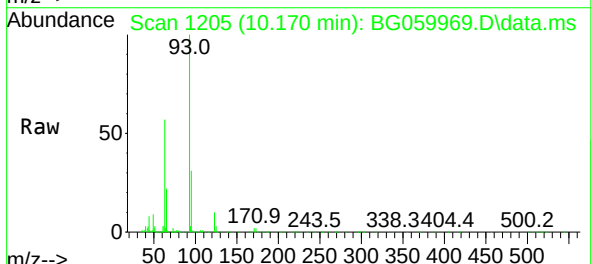
Tgt Ion: 93 Resp: 352997

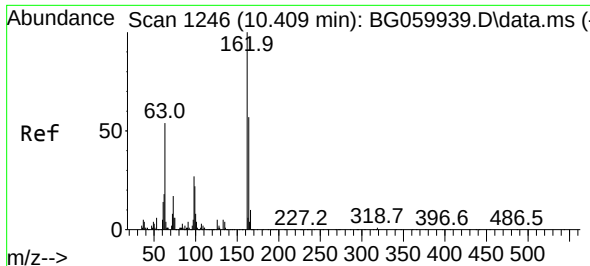
Ion Ratio Lower Upper

93 100

95 31.1 21.0 31.4

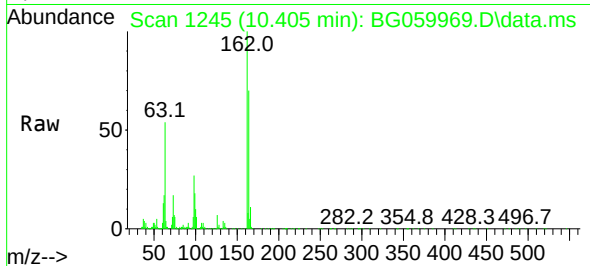
123 10.3 6.7 10.1#





#29
2,4-Dichlorophenol
Concen: 37.869 ng
RT: 10.405 min Scan# 1245
Delta R.T. -0.005 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

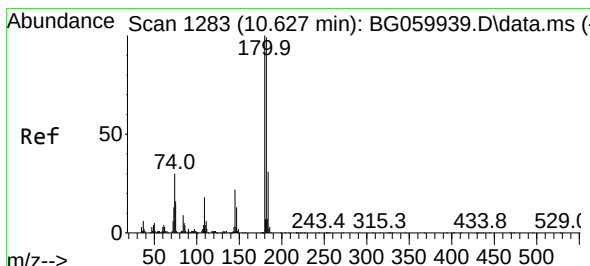
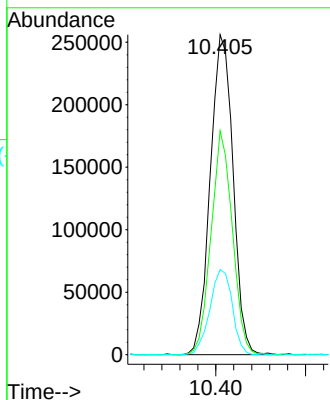
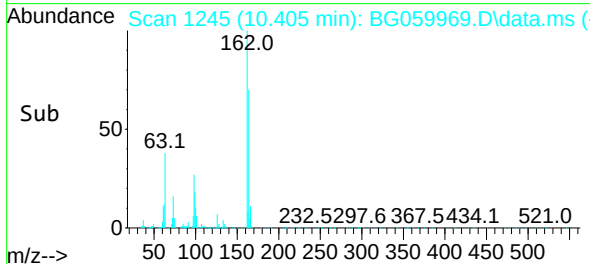
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



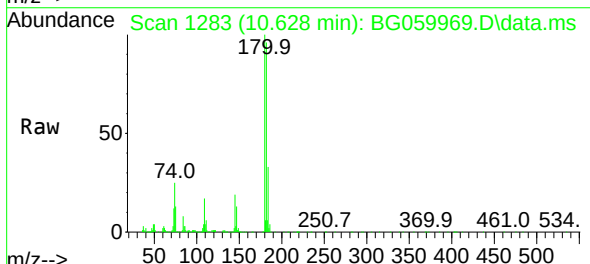
Tgt Ion:162 Resp: 45030
Ion Ratio Lower Upper
162 100
164 69.9 36.7 76.7
98 26.6 7.4 47.4

Manual Integrations
APPROVED

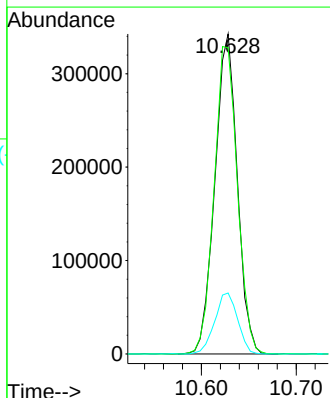
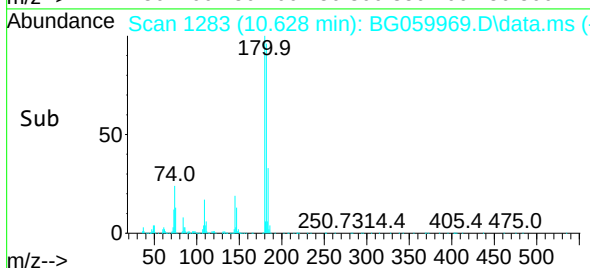
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

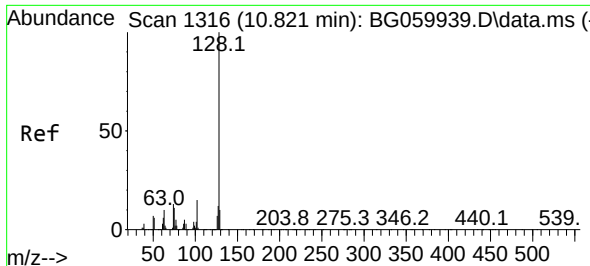


#30
1,2,4-Trichlorobenzene
Concen: 32.411 ng
RT: 10.628 min Scan# 1283
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37



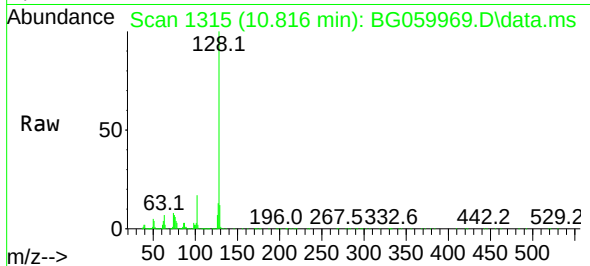
Tgt Ion:180 Resp: 561993
Ion Ratio Lower Upper
180 100
182 95.7 79.0 118.6
145 19.0 17.4 26.0





#31
Naphthalene
Concen: 35.544 ng
RT: 10.816 min Scan# 1185
Delta R.T. -0.005 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

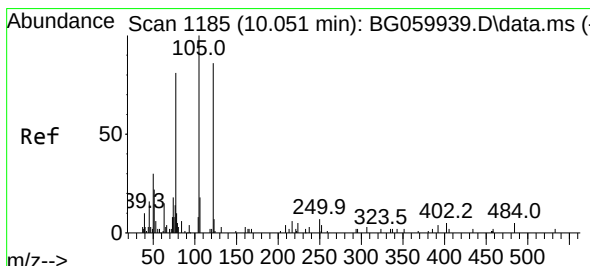
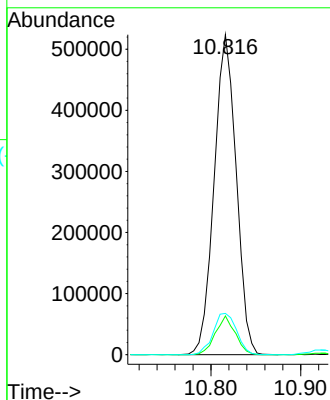
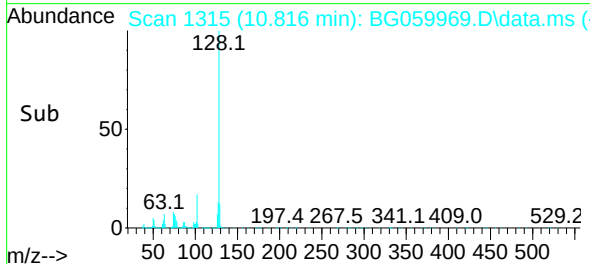
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



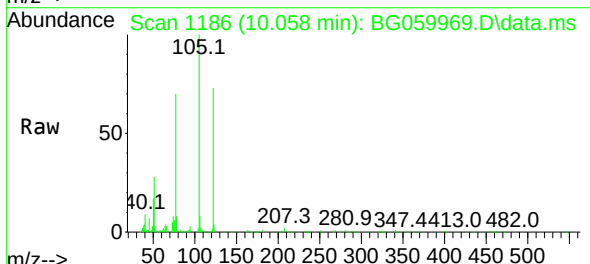
Tgt Ion:128 Resp: 893009
Ion Ratio Lower Upper
128 100
129 12.1 7.6 11.4
127 12.9 9.9 14.9

Manual Integrations
APPROVED

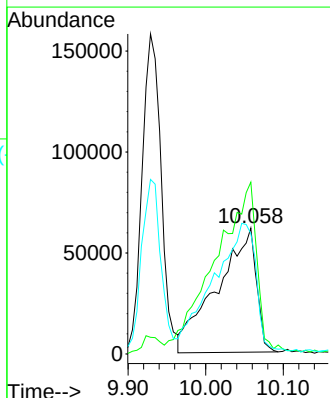
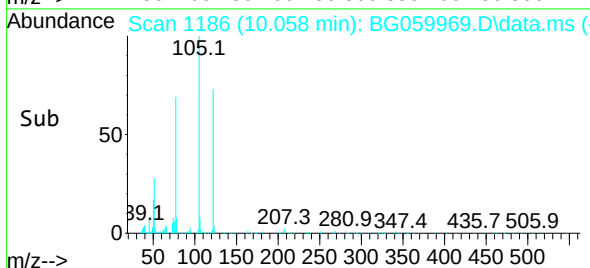
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

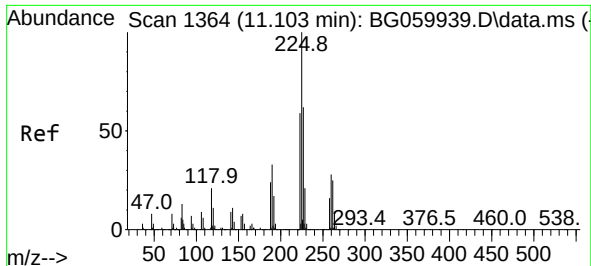


#32
Benzoic acid
Concen: 37.869 ng
RT: 10.058 min Scan# 1186
Delta R.T. 0.007 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37



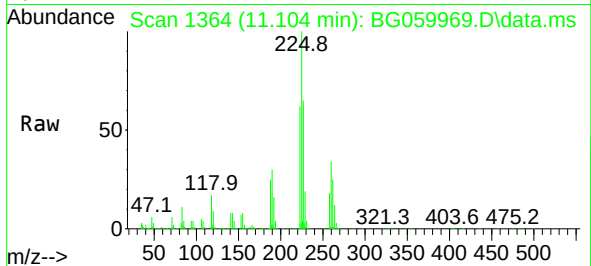
Tgt Ion:122 Resp: 215655
Ion Ratio Lower Upper
122 100
105 136.4 123.9 163.9
77 95.5 94.6 134.6





#34
Hexachlorobutadiene
Concen: 28.578 ng
RT: 11.104 min Scan# 11104
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

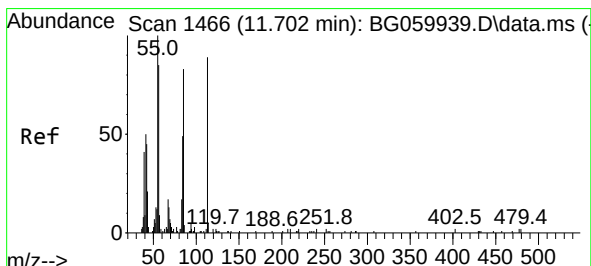
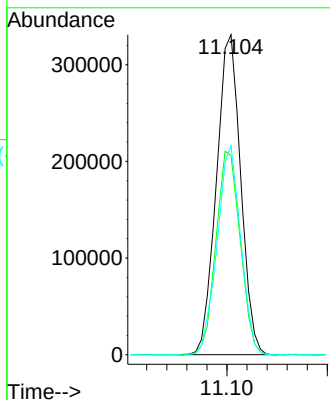
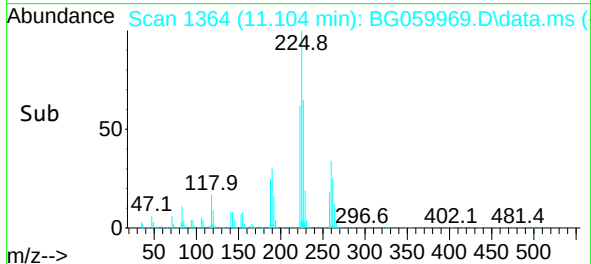
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



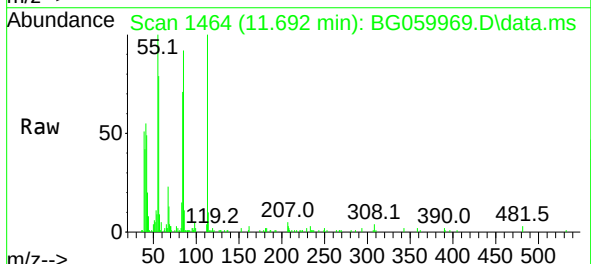
Tgt Ion:225 Resp: 555579
Ion Ratio Lower Upper
225 100
223 62.3 47.0 70.6
227 65.3 50.2 75.4

Manual Integrations
APPROVED

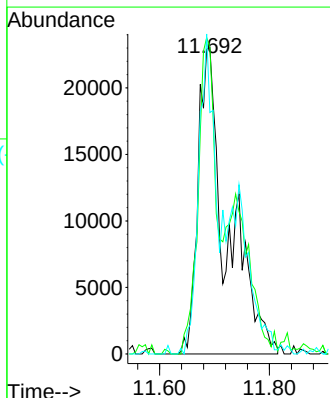
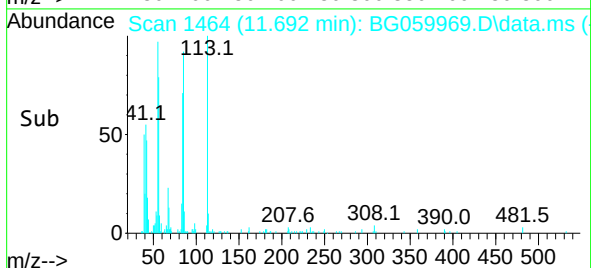
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

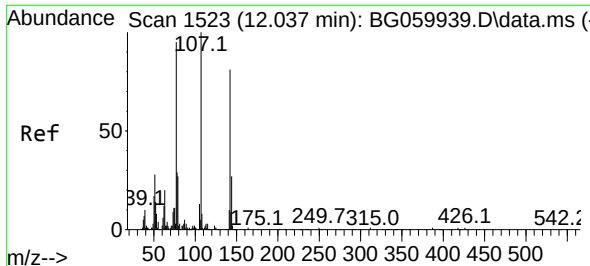


#35
Caprolactam
Concen: 33.613 ng m
RT: 11.692 min Scan# 1464
Delta R.T. -0.010 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37



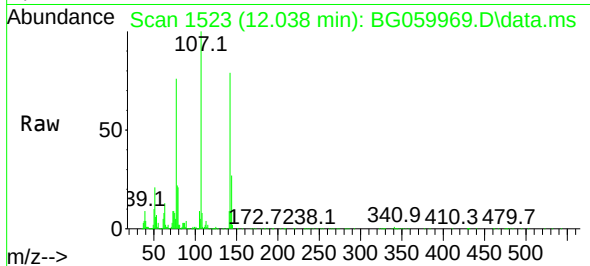
Tgt Ion:113 Resp: 84062
Ion Ratio Lower Upper
113 100
55 99.9 93.5 133.5
56 78.8 74.9 114.9





#36
4-Chloro-3-methylphenol
Concen: 38.156 ng
RT: 12.038 min Scan# 1523
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

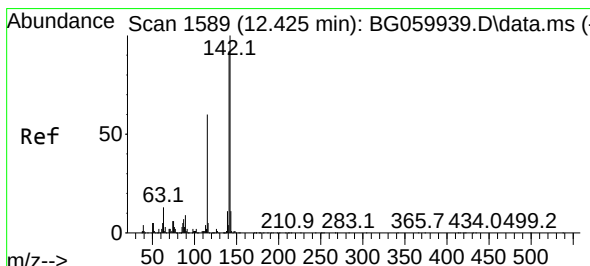
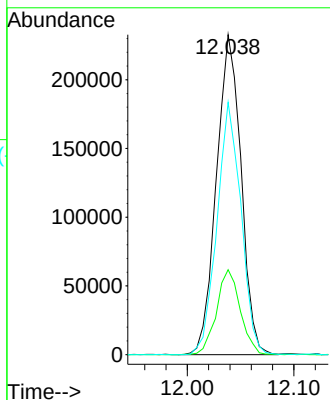
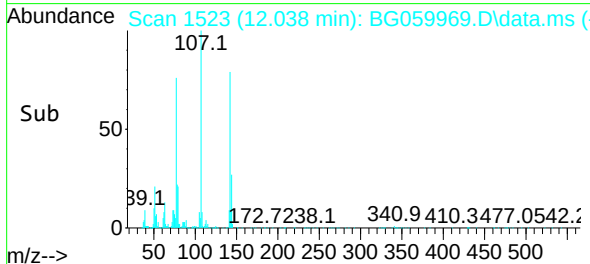
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



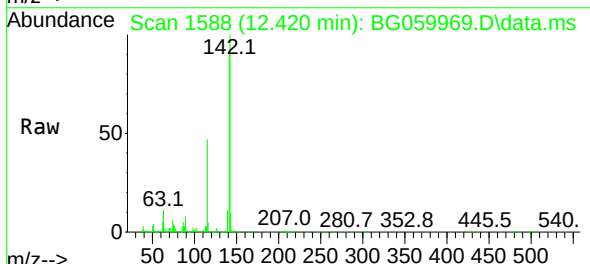
Tgt Ion:107 Resp: 373624
Ion Ratio Lower Upper
107 100
144 26.6 21.6 32.4
142 78.8 64.6 97.0

Manual Integrations
APPROVED

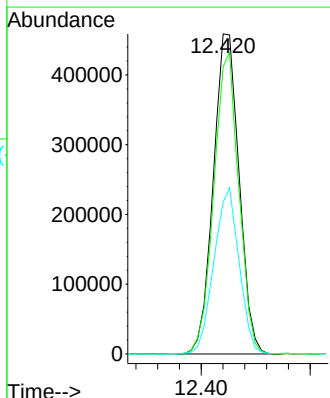
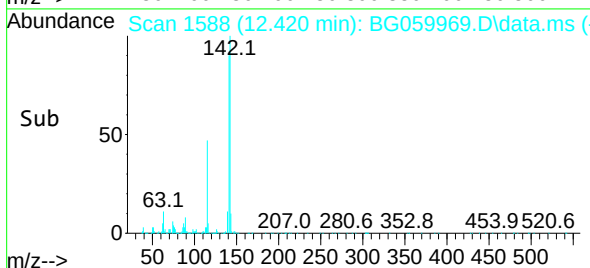
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

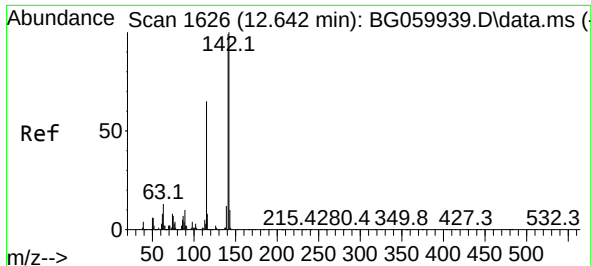


#37
2-Methylnaphthalene
Concen: 35.377 ng m
RT: 12.420 min Scan# 1588
Delta R.T. -0.005 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37



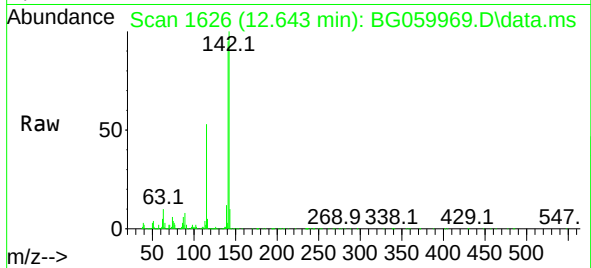
Tgt Ion:142 Resp: 754399
Ion Ratio Lower Upper
142 100
141 89.8 73.4 110.2
115 47.5 48.1 72.1#





#38
1-Methylnaphthalene
Concen: 35.386 ng
RT: 12.643 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

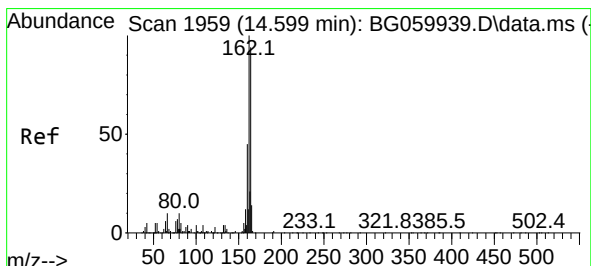
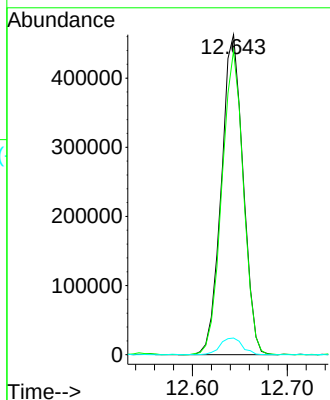
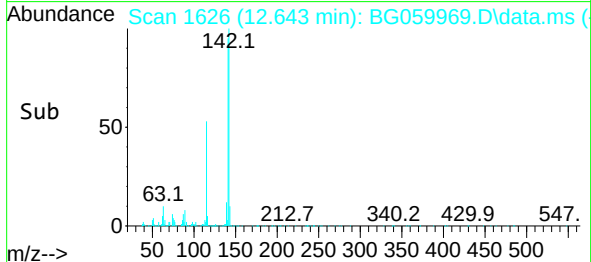
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



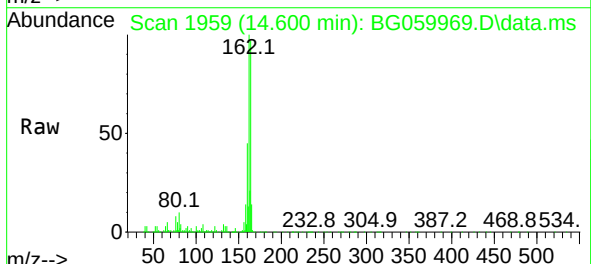
Tgt Ion:142 Resp: 73692
Ion Ratio Lower Upper
142 100
141 95.0 79.4 119.2
116 5.2 6.2 9.4

Manual Integrations
APPROVED

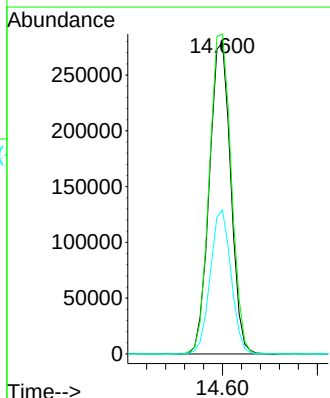
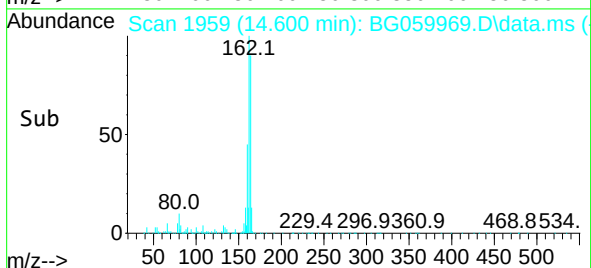
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

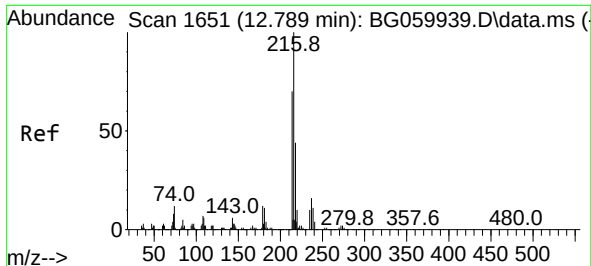


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.600 min Scan# 1959
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37



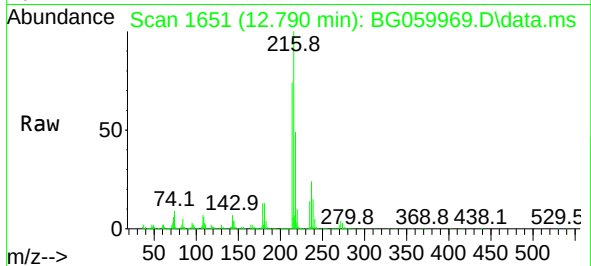
Tgt Ion:164 Resp: 437220
Ion Ratio Lower Upper
164 100
162 102.8 85.0 127.6
160 46.3 38.1 57.1





#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.078 ng
RT: 12.790 min Scan# 1651
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

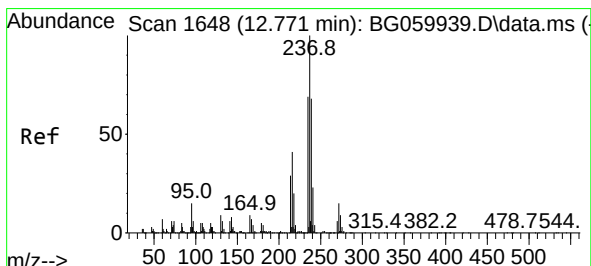
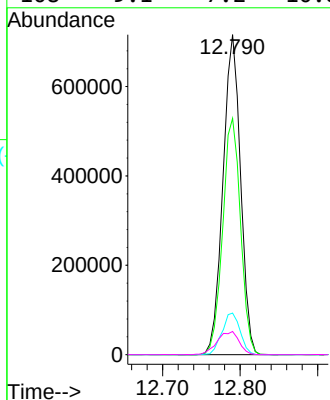
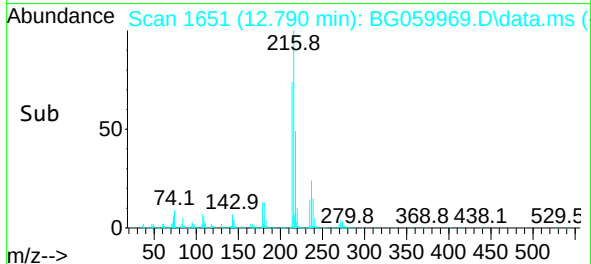
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



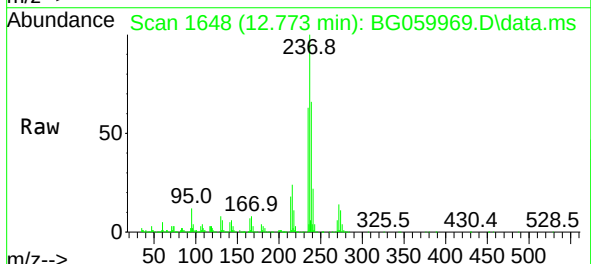
Tgt Ion:216 Resp: 1126080
Ion Ratio Lower Upper
216 100
214 75.0 58.3 87.5
179 13.5 10.2 15.4
108 9.1 7.2 10.8

Manual Integrations
APPROVED

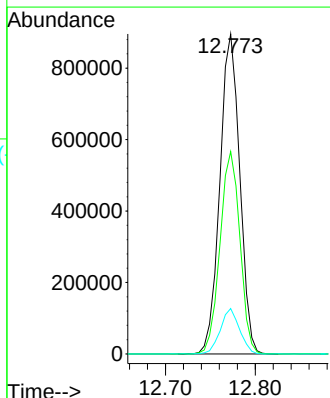
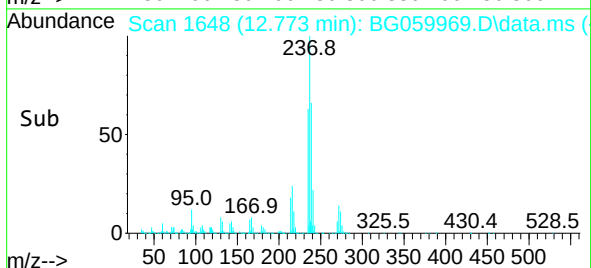
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

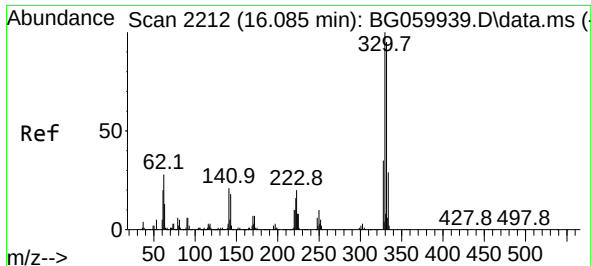


#41
Hexachlorocyclopentadiene
Concen: 87.059 ng
RT: 12.773 min Scan# 1648
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37



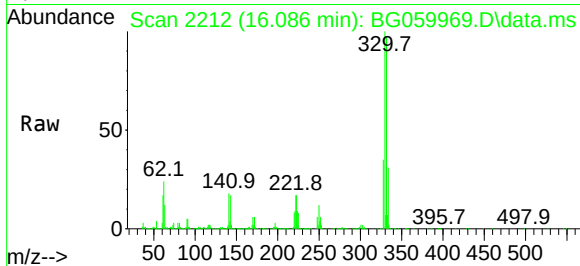
Tgt Ion:237 Resp: 1376884
Ion Ratio Lower Upper
237 100
235 63.2 49.4 89.4
272 14.2 0.0 34.6





#42
2,4,6-Tribromophenol
Concen: 98.196 ng
RT: 16.086 min Scan# 2212
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

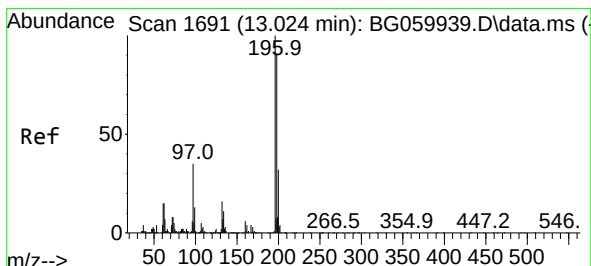
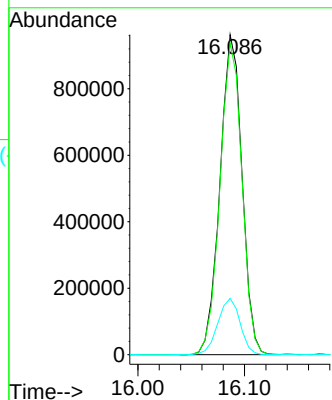
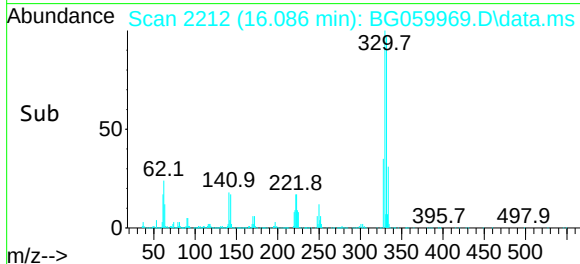
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



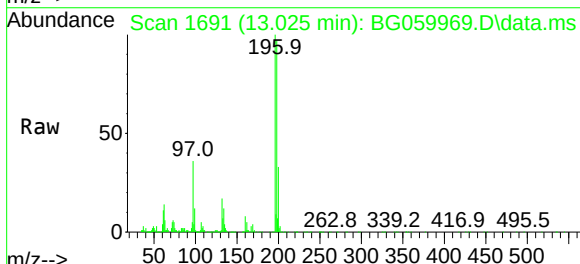
Tgt Ion:330 Resp: 1381338
Ion Ratio Lower Upper
330 100
332 97.2 76.5 114.7
141 17.9 15.0 22.6

Manual Integrations
APPROVED

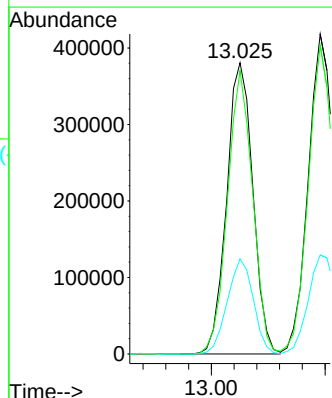
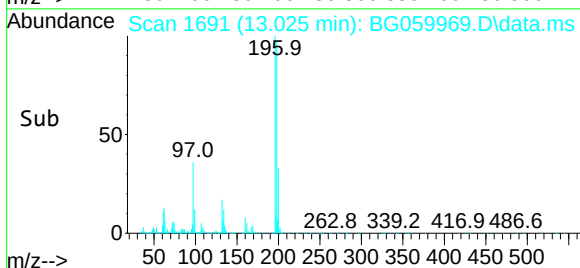
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

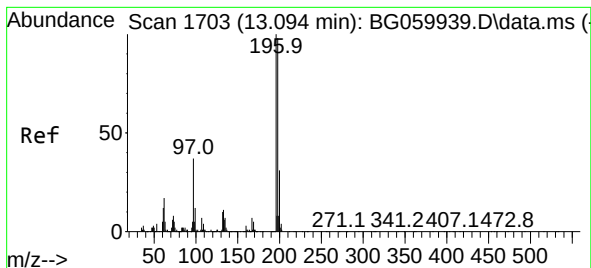


#43
2,4,6-Trichlorophenol
Concen: 38.120 ng
RT: 13.025 min Scan# 1691
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37



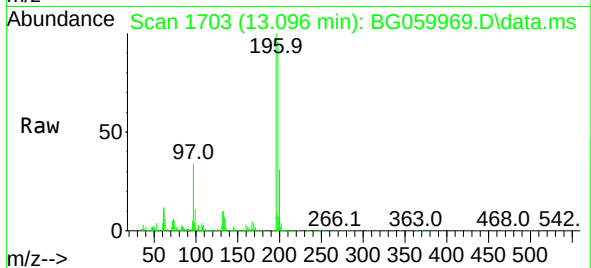
Tgt Ion:196 Resp: 609245
Ion Ratio Lower Upper
196 100
198 97.2 72.6 109.0
200 32.7 25.6 38.4





#44
2,4,5-Trichlorophenol
Concen: 38.350 ng
RT: 13.096 min Scan# 1703
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

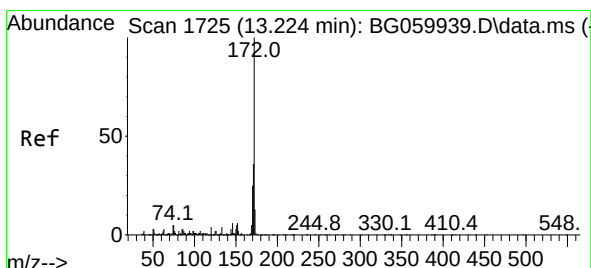
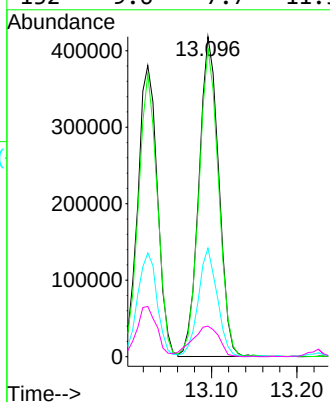
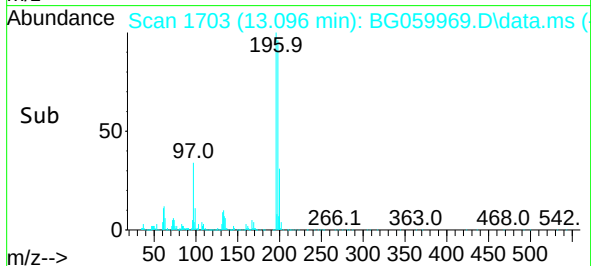
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



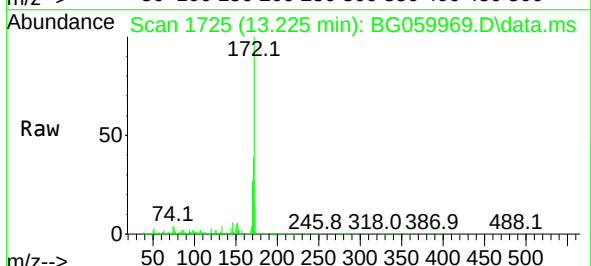
Tgt Ion:196 Resp: 67400
Ion Ratio Lower Upper
196 100
198 96.4 78.3 117.5
97 33.9 30.2 45.4
132 9.6 7.7 11.5

Manual Integrations
APPROVED

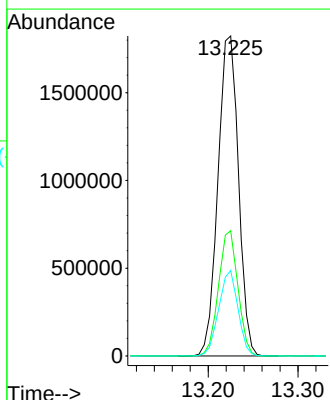
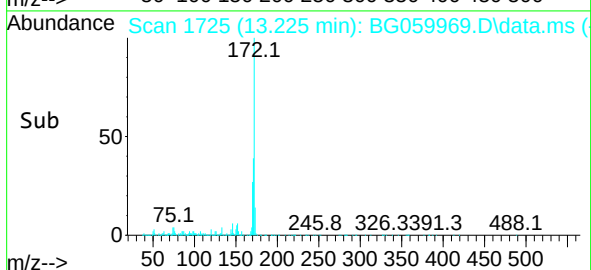
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

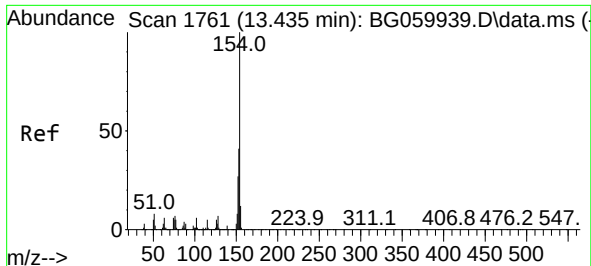


#45
2-Fluorobiphenyl
Concen: 72.092 ng
RT: 13.225 min Scan# 1725
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37



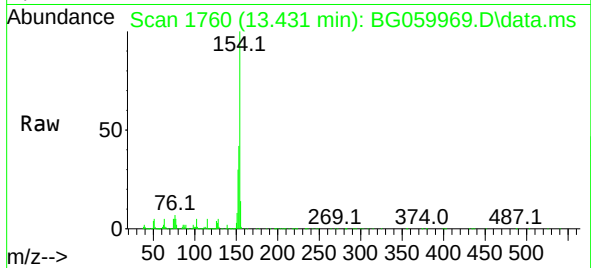
Tgt Ion:172 Resp: 2889948
Ion Ratio Lower Upper
172 100
171 39.1 28.6 43.0
170 26.7 19.8 29.8





#46
1,1'-Biphenyl
Concen: 40.305 ng
RT: 13.431 min Scan# 1761
Delta R.T. -0.005 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

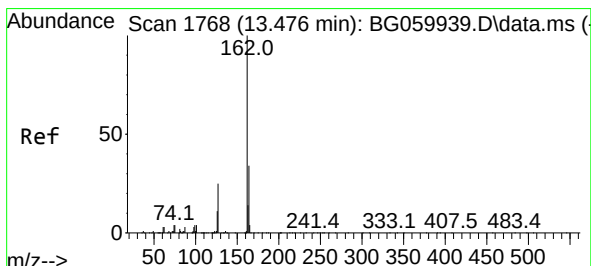
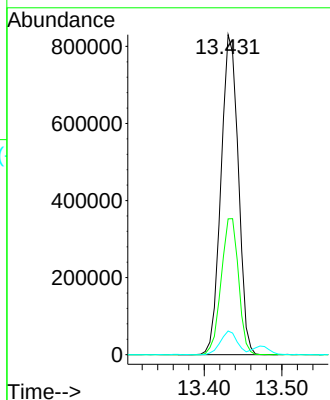
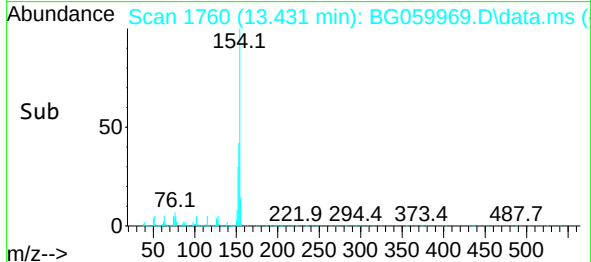
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



Tgt Ion:154 Resp: 128782
Ion Ratio Lower Upper
154 100
153 42.4 20.8 60.8
76 7.4 0.0 27.4

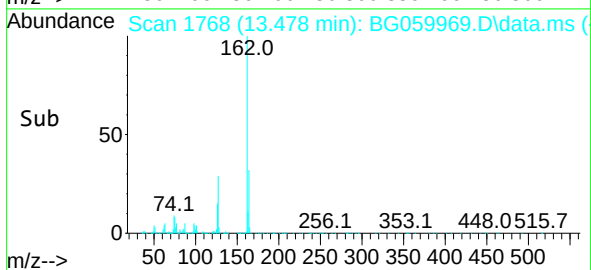
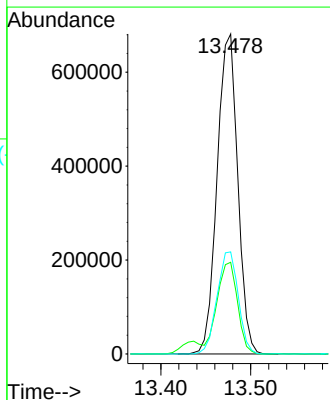
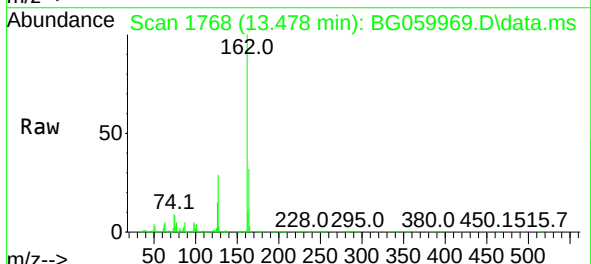
Manual Integrations
APPROVED

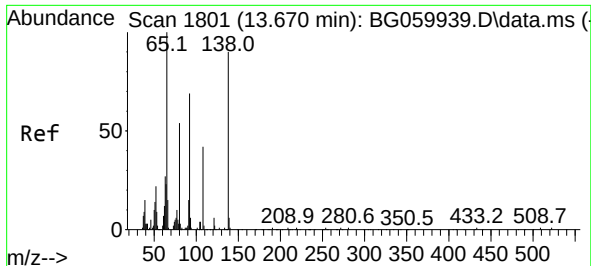
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#47
2-Chloronaphthalene
Concen: 37.950 ng
RT: 13.478 min Scan# 1768
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

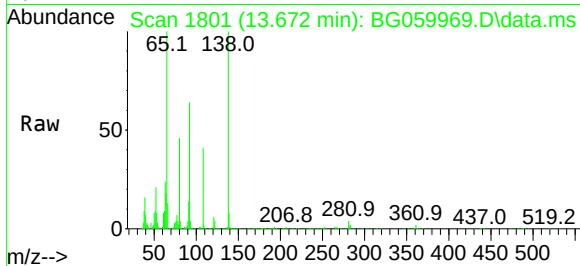
Tgt Ion:162 Resp: 1084906
Ion Ratio Lower Upper
162 100
127 28.6 22.6 33.8
164 31.9 27.4 41.0





#48
2-Nitroaniline
Concen: 40.001 ng
RT: 13.672 min Scan# 1801
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

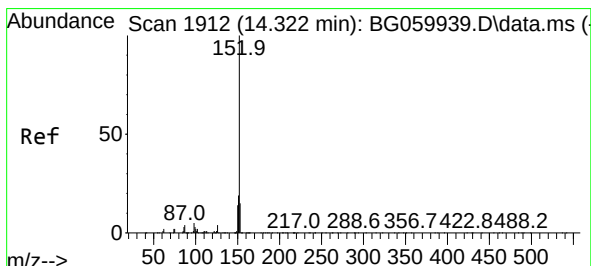
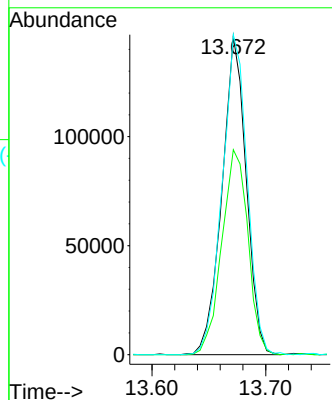
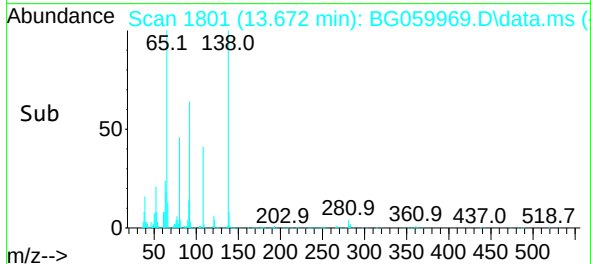
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



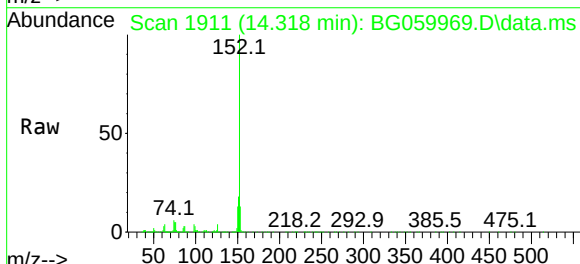
Tgt Ion: 65 Resp: 216759
Ion Ratio Lower Upper
65 100
92 64.4 55.4 83.2
138 100.5 71.8 107.6

Manual Integrations
APPROVED

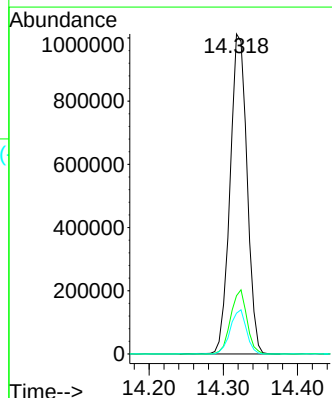
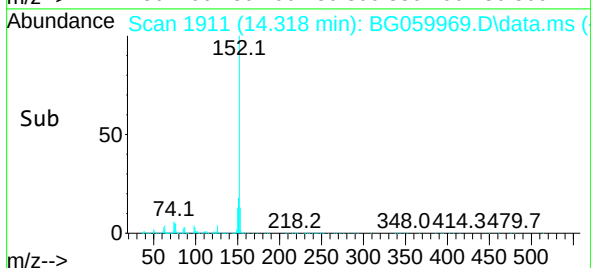
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

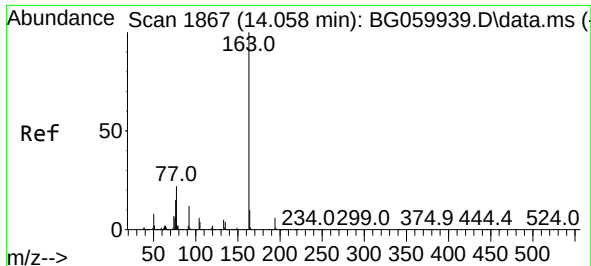


#49
Acenaphthylene
Concen: 41.933 ng
RT: 14.318 min Scan# 1911
Delta R.T. -0.005 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37



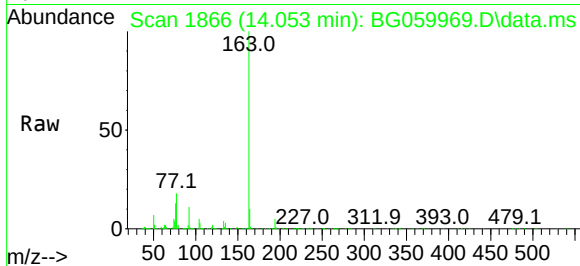
Tgt Ion:152 Resp: 1604399
Ion Ratio Lower Upper
152 100
151 18.2 15.3 22.9
153 12.8 11.7 17.5





#50
Dimethylphthalate
Concen: 39.465 ng
RT: 14.053 min Scan# 1866
Delta R.T. -0.005 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

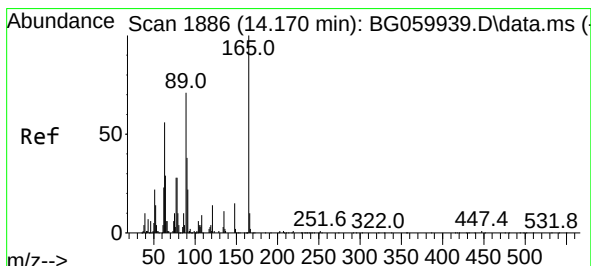
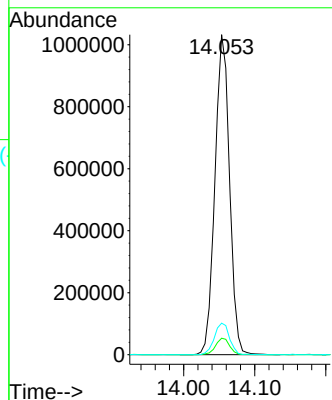
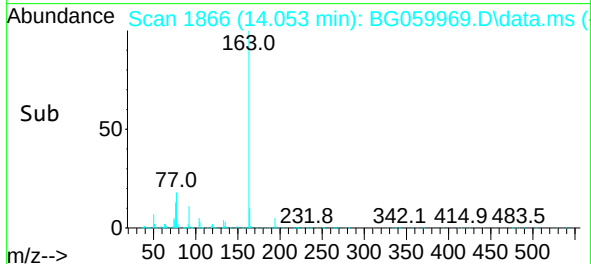
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



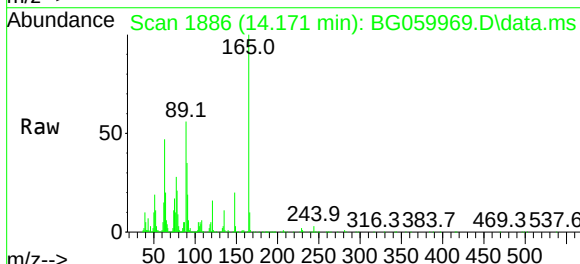
Tgt Ion:163 Resp: 146886
Ion Ratio Lower Upper
163 100
194 5.1 4.6 7.0
164 9.9 8.1 12.1

Manual Integrations
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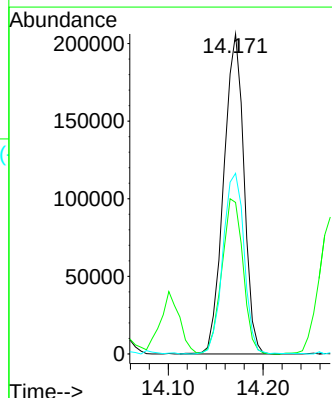
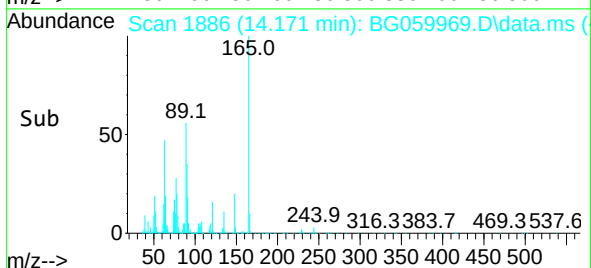
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

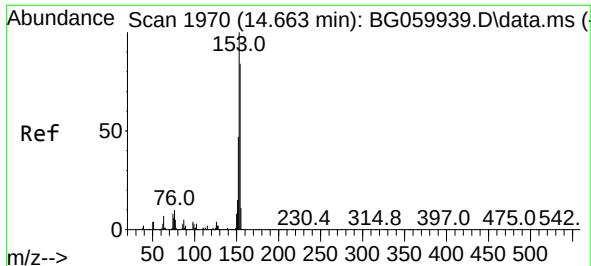


#51
2,6-Dinitrotoluene
Concen: 37.493 ng
RT: 14.171 min Scan# 1886
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37



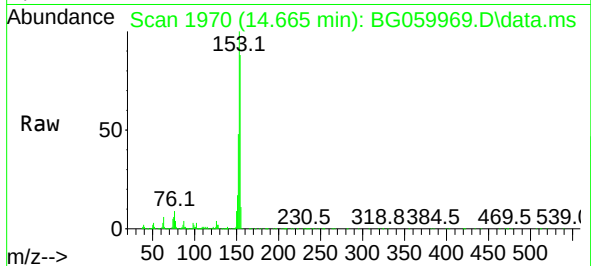
Tgt Ion:165 Resp: 305734
Ion Ratio Lower Upper
165 100
63 47.4 47.2 70.8
89 56.4 57.1 85.7#





#52
Acenaphthene
Concen: 45.580 ng m
RT: 14.665 min Scan# 1970
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

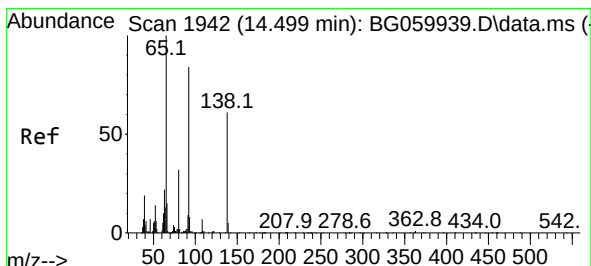
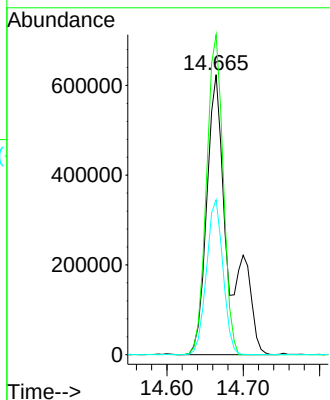
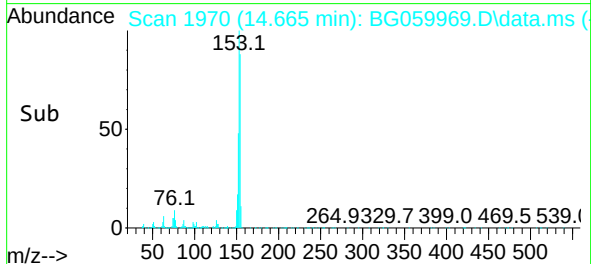
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



Tgt Ion:154 Resp: 125868
Ion Ratio Lower Upper
154 100
153 114.3 95.8 143.6
152 55.3 45.0 67.4

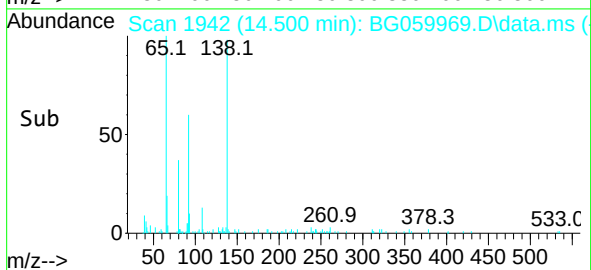
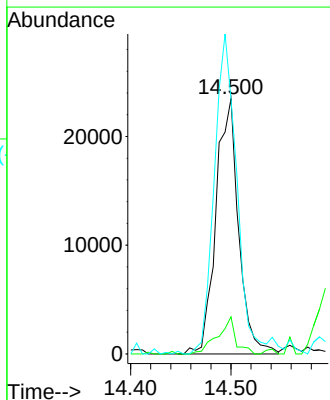
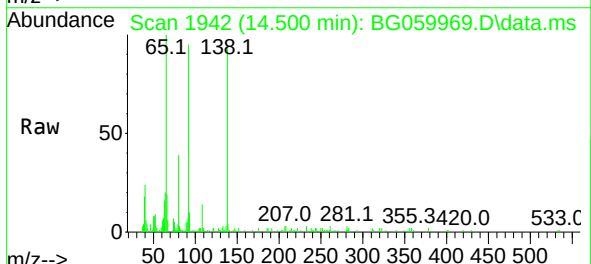
Manual Integrations
APPROVED

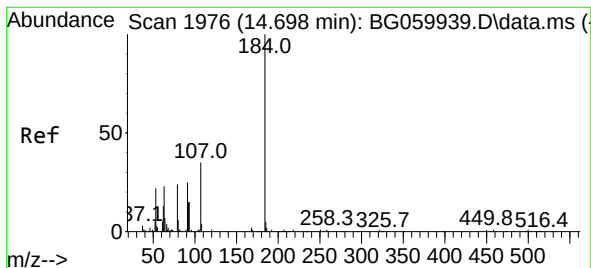
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#53
3-Nitroaniline
Concen: 7.270 ng
RT: 14.500 min Scan# 1942
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

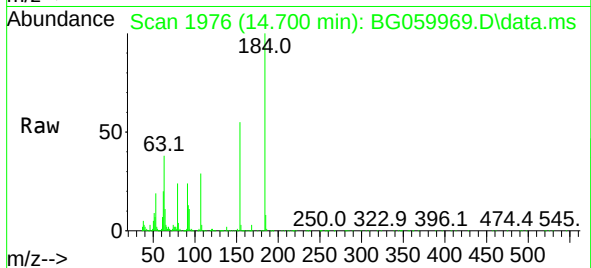
Tgt Ion:138 Resp: 36779
Ion Ratio Lower Upper
138 100
108 14.5 9.6 14.4#
92 99.8 109.8 164.6#





#54
2,4-Dinitrophenol
Concen: 83.311 ng
RT: 14.700 min Scan# 1976
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

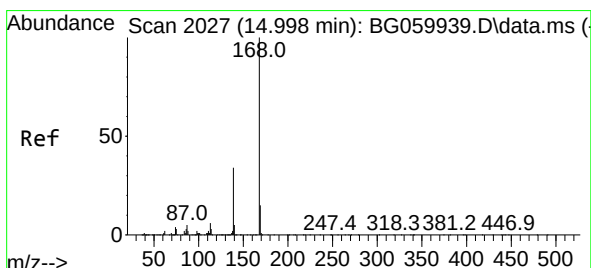
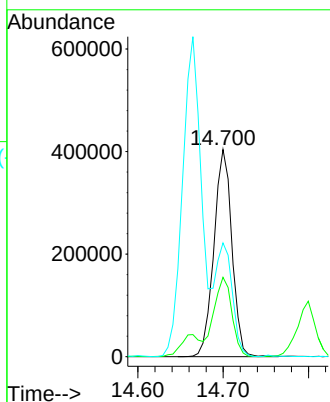
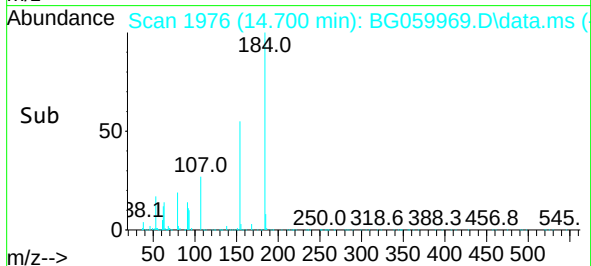
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



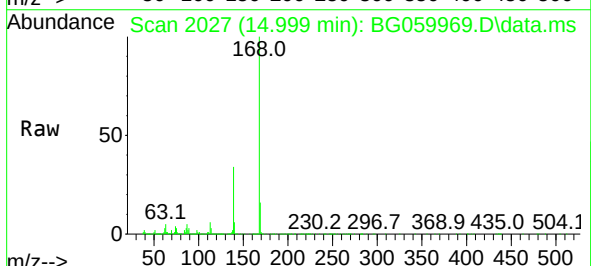
Tgt Ion:184 Resp: 59254
Ion Ratio Lower Upper
184 100
63 38.3 38.2 57.4
154 54.9 52.6 78.8

Manual Integrations
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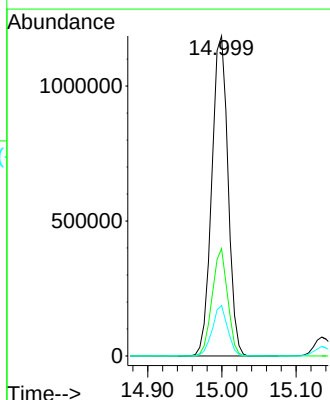
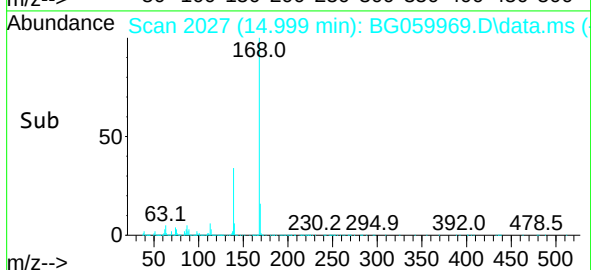
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

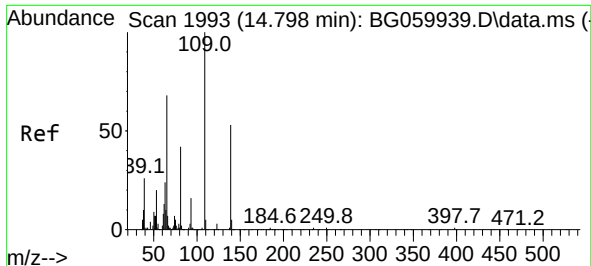


#55
Dibenzofuran
Concen: 38.658 ng
RT: 14.999 min Scan# 2027
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37



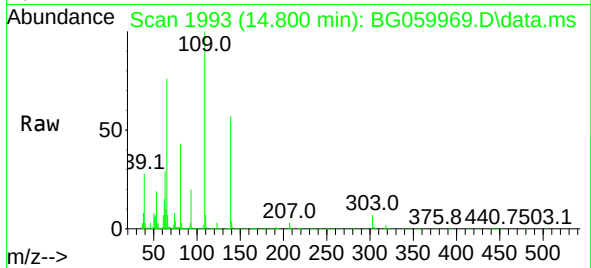
Tgt Ion:168 Resp: 1800648
Ion Ratio Lower Upper
168 100
139 33.5 27.0 40.6
169 15.8 11.6 17.4





#56
4-Nitrophenol
Concen: 78.253 ng
RT: 14.800 min Scan# 1993
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

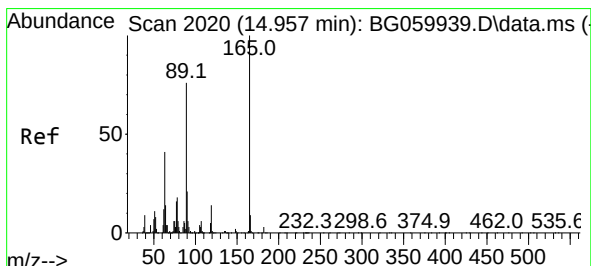
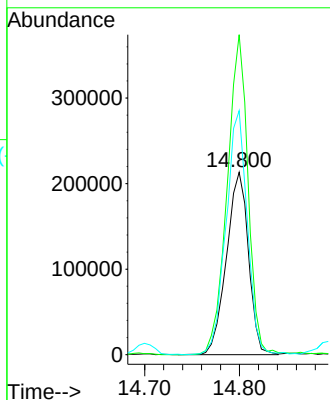
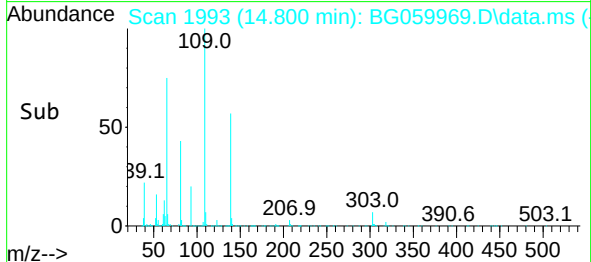
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



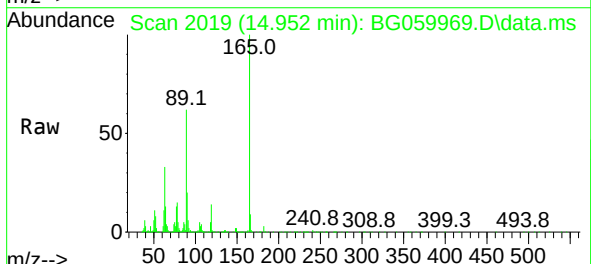
Tgt Ion:139 Resp: 34356
Ion Ratio Lower Upper
139 100
109 175.5 167.9 207.9
65 133.8 108.1 148.1

Manual Integrations
APPROVED

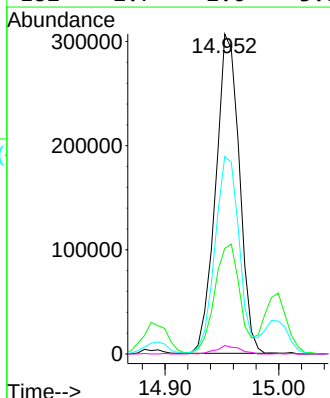
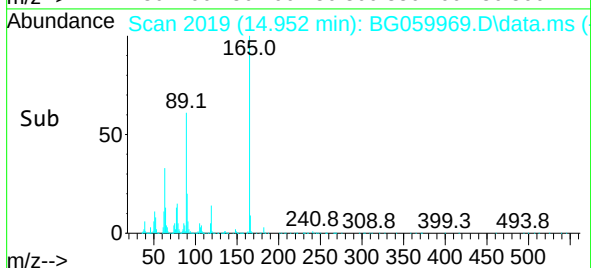
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

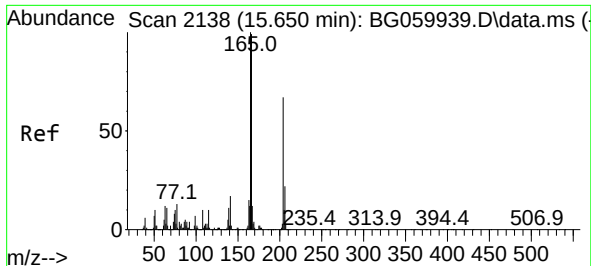


#57
2,4-Dinitrotoluene
Concen: 39.086 ng
RT: 14.952 min Scan# 2019
Delta R.T. -0.005 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37



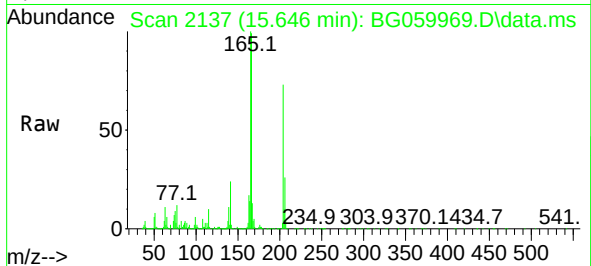
Tgt Ion:165 Resp: 443289
Ion Ratio Lower Upper
165 100
63 33.0 32.8 49.2
89 61.7 60.6 90.8
182 2.7 2.6 3.8





#58
Fluorene
Concen: 38.892 ng
RT: 15.646 min Scan# 2138
Delta R.T. -0.005 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

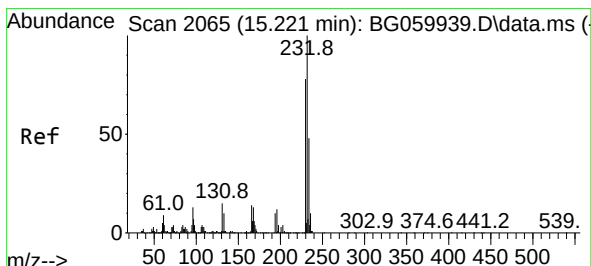
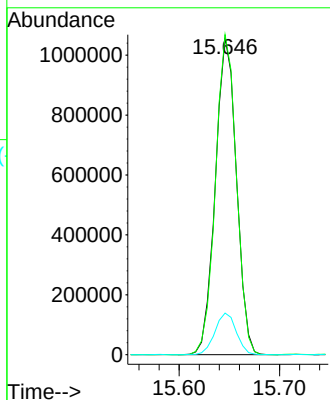
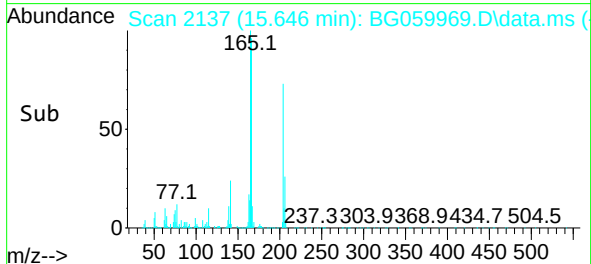
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



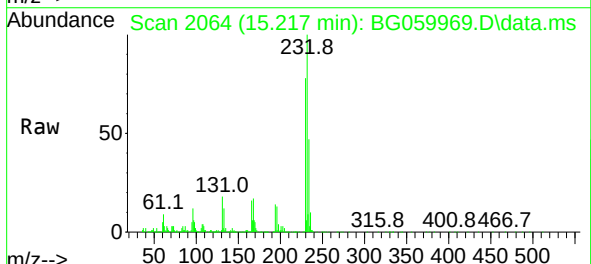
Tgt Ion:166 Resp: 1541552
Ion Ratio Lower Upper
166 100
165 101.0 80.6 121.0
167 13.1 9.9 14.9

Manual Integrations
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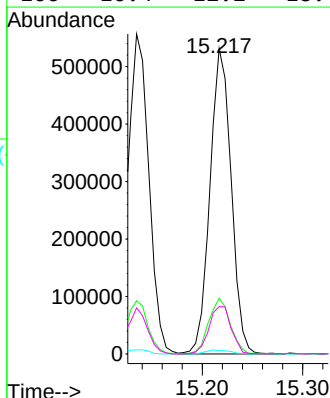
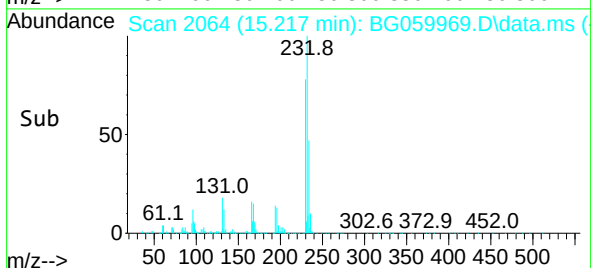
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

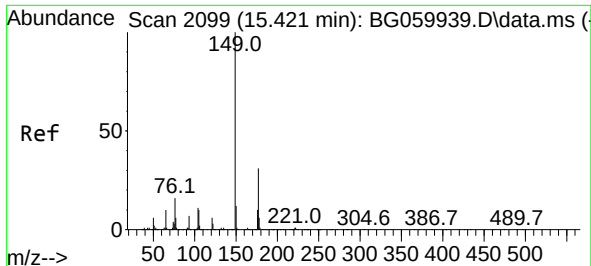


#59
2,3,4,6-Tetrachlorophenol
Concen: 37.357 ng
RT: 15.217 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37



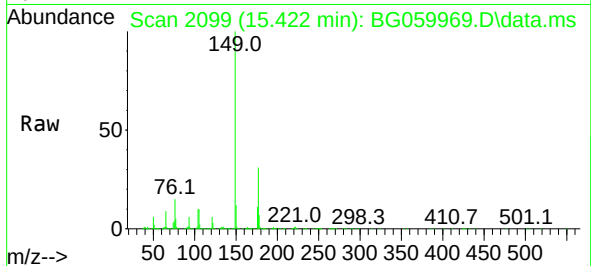
Tgt Ion:232 Resp: 781038
Ion Ratio Lower Upper
232 100
131 18.6 14.8 22.2
130 1.5 1.2 1.8
166 16.4 12.2 18.4





#60
Diethylphthalate
Concen: 38.103 ng
RT: 15.422 min Scan# 2099
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

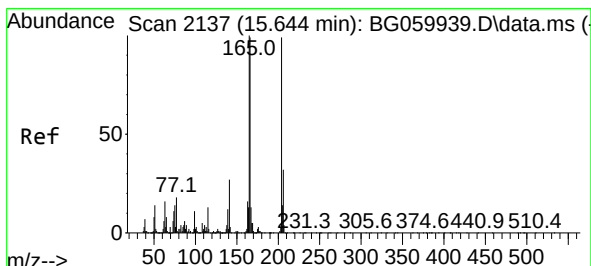
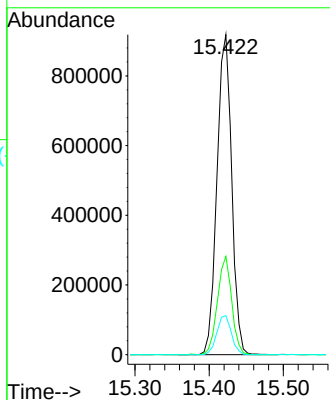
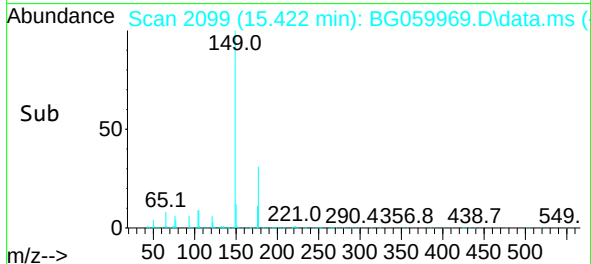
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



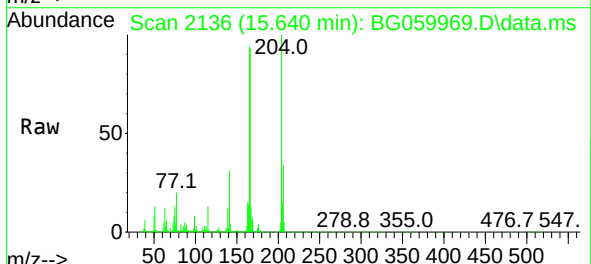
Tgt Ion:149 Resp: 126312
Ion Ratio Lower Upper
149 100
177 30.7 24.6 37.0
150 12.2 9.6 14.4

Manual Integrations
APPROVED

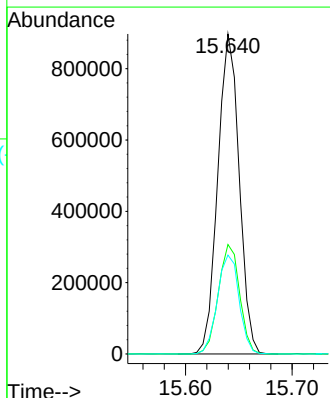
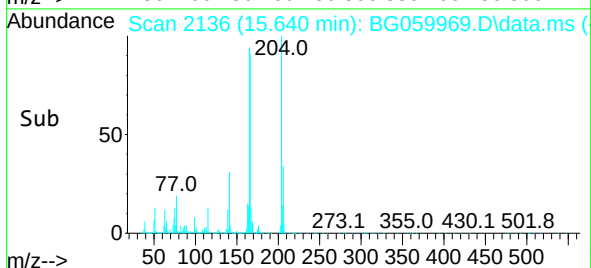
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

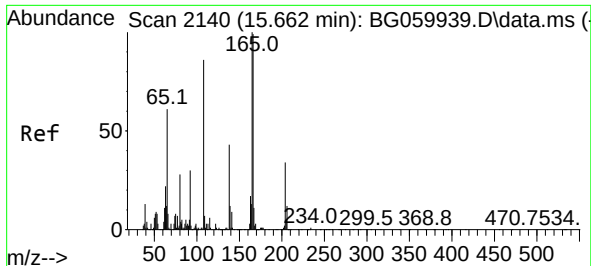


#61
4-Chlorophenyl-phenylether
Concen: 34.724 ng
RT: 15.640 min Scan# 2136
Delta R.T. -0.005 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37



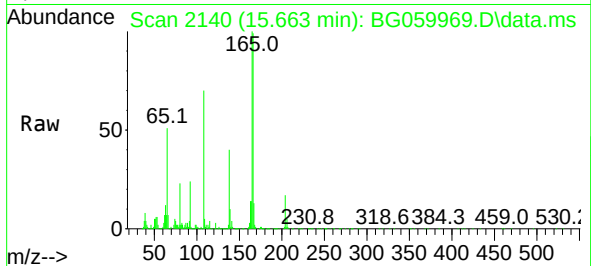
Tgt Ion:204 Resp: 1248576
Ion Ratio Lower Upper
204 100
206 34.2 25.8 38.8
141 30.9 21.4 32.2





#62
4-Nitroaniline
Concen: 26.580 ng
RT: 15.663 min Scan# 2140
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

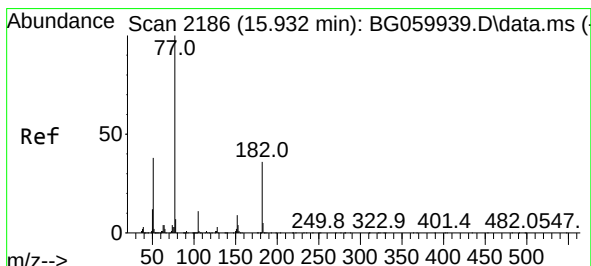
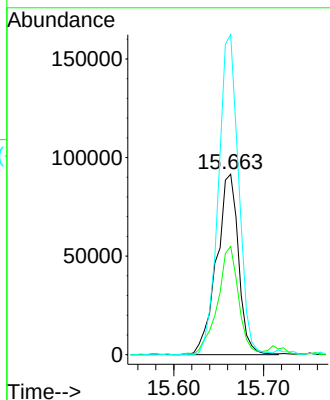
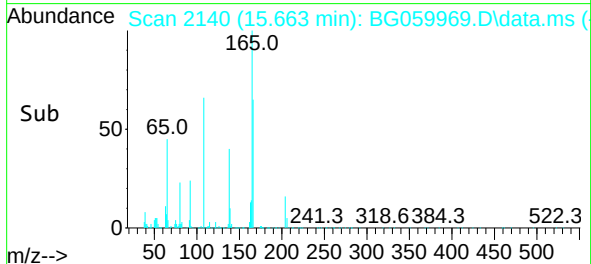
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



Tgt Ion:138 Resp: 15477
Ion Ratio Lower Upper
138 100
92 60.0 50.8 90.8
108 177.4 181.0 221.0

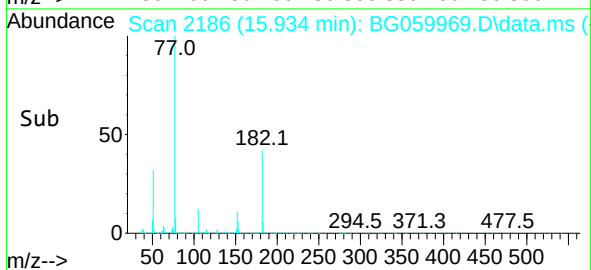
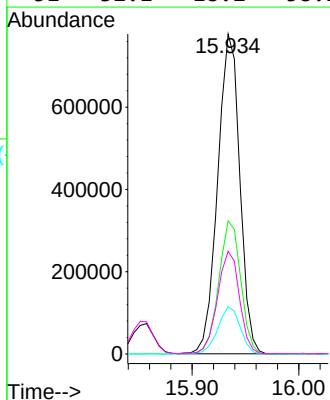
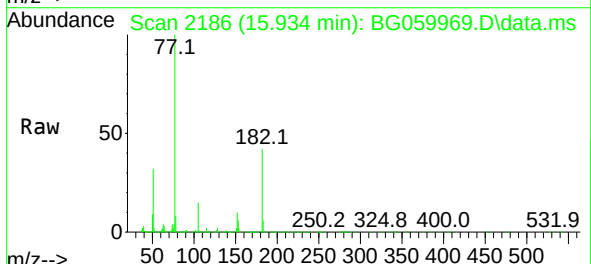
Manual Integrations
APPROVED

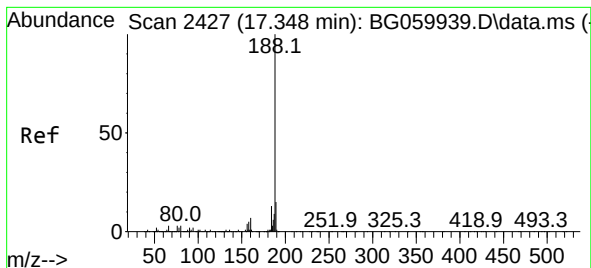
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#63
Azobenzene
Concen: 32.507 ng
RT: 15.934 min Scan# 2186
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

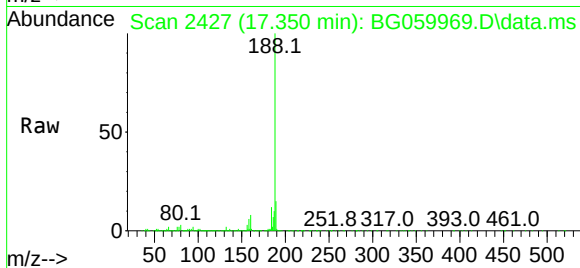
Tgt Ion: 77 Resp: 1117936
Ion Ratio Lower Upper
77 100
182 41.6 15.7 55.7
105 14.8 0.0 31.5
51 32.1 18.2 58.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.350 min Scan# 2427
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

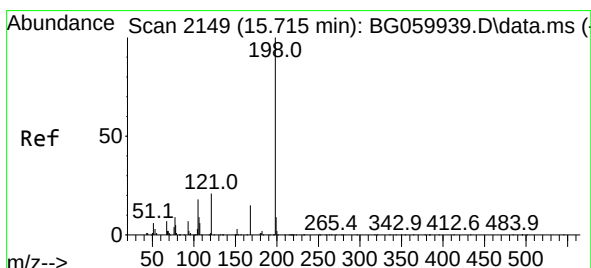
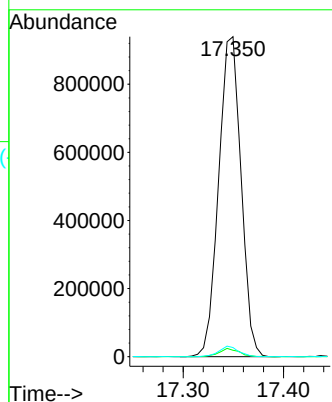
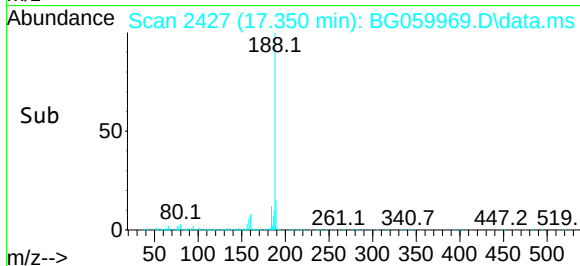
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



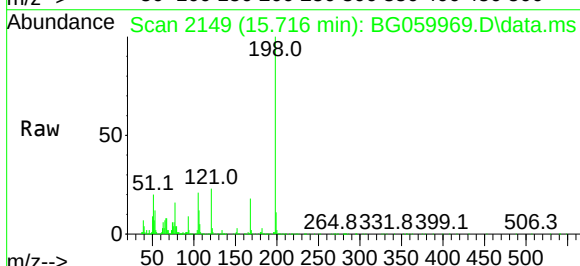
Tgt Ion:188 Resp: 1452064
Ion Ratio Lower Upper
188 100
94 2.0 1.8 2.6
80 2.9 2.2 3.4

Manual Integrations
APPROVED

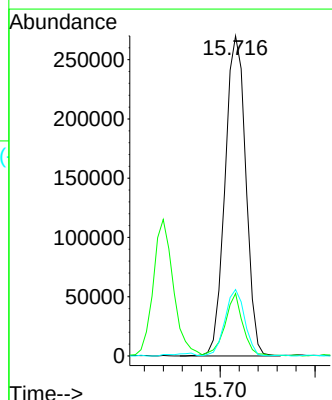
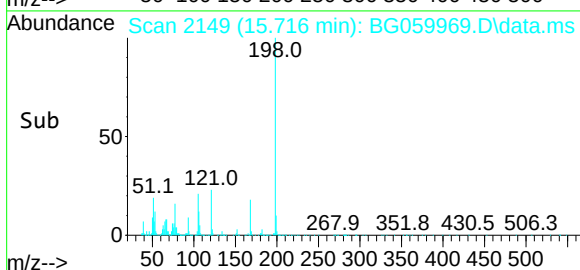
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

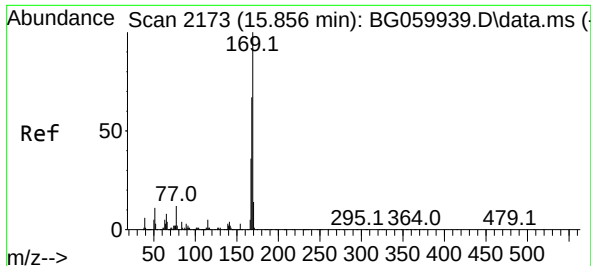


#65
4,6-Dinitro-2-methylphenol
Concen: 36.945 ng
RT: 15.716 min Scan# 2149
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37



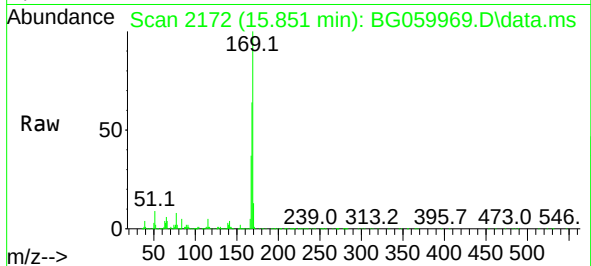
Tgt Ion:198 Resp: 410158
Ion Ratio Lower Upper
198 100
51 19.5 0.0 34.4
105 20.8 0.0 39.0





#66
n-Nitrosodiphenylamine
Concen: 36.926 ng
RT: 15.851 min Scan# 2173
Delta R.T. -0.005 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

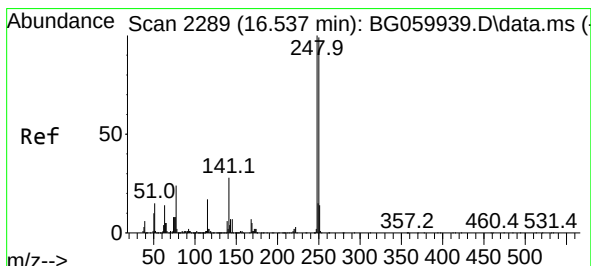
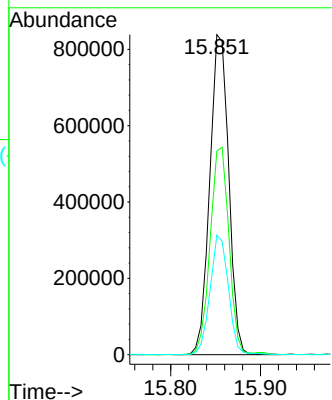
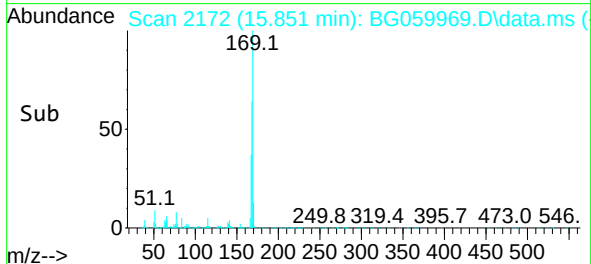
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



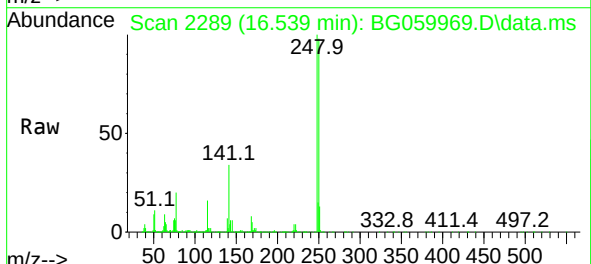
Tgt Ion:169 Resp: 1228210
Ion Ratio Lower Upper
169 100
168 63.6 53.5 80.3
167 37.3 29.2 43.8

Manual Integrations
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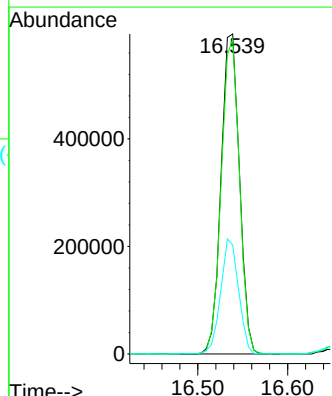
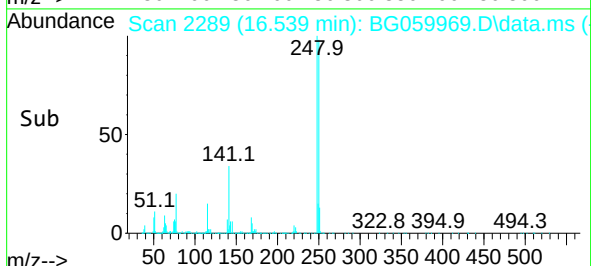
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

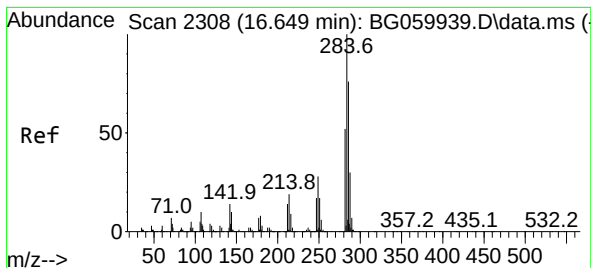


#67
4-Bromophenyl-phenylether
Concen: 34.015 ng
RT: 16.539 min Scan# 2289
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37



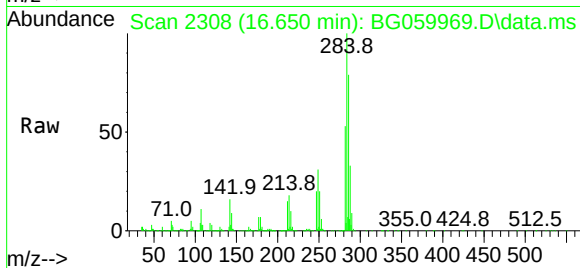
Tgt Ion:248 Resp: 846206
Ion Ratio Lower Upper
248 100
250 98.4 79.0 118.4
141 34.1 22.3 33.5#





#68
Hexachlorobenzene
Concen: 37.766 ng
RT: 16.650 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

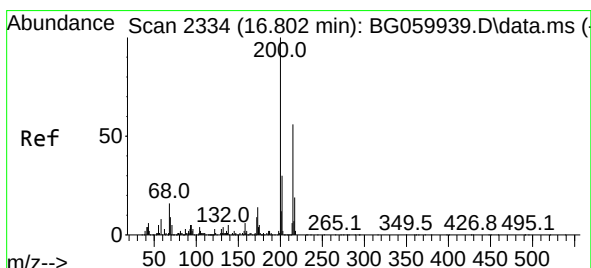
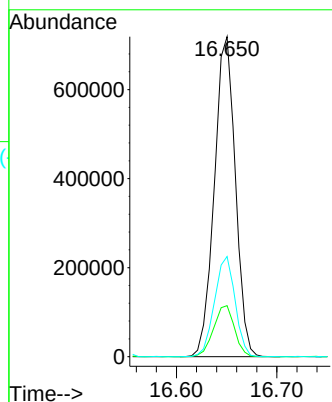
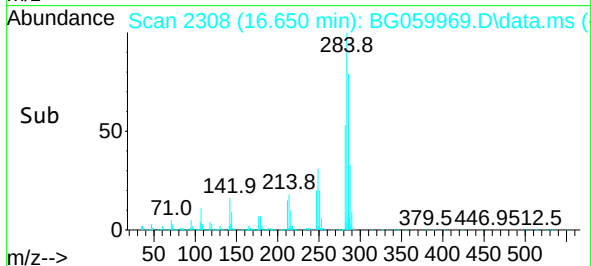
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



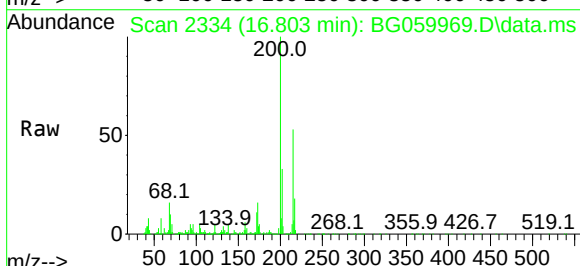
Tgt Ion:284 Resp: 1043920
Ion Ratio Lower Upper
284 100
142 16.0 11.4 17.0
249 31.3 24.2 36.2

Manual Integrations
APPROVED

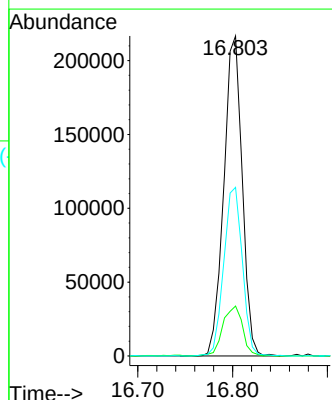
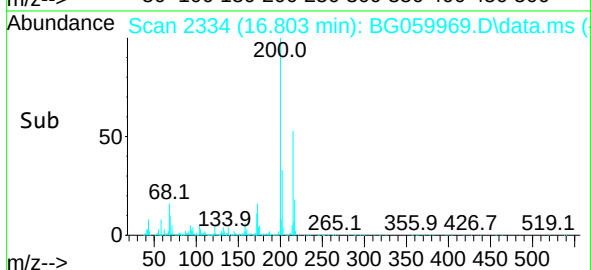
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

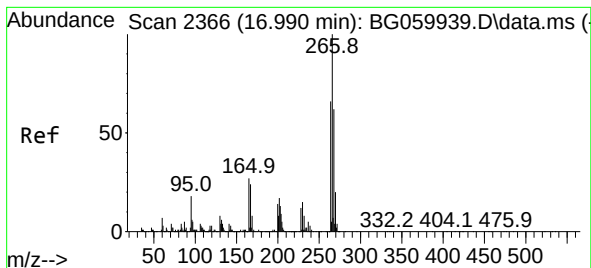


#69
Atrazine
Concen: 17.827 ng
RT: 16.803 min Scan# 2334
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37



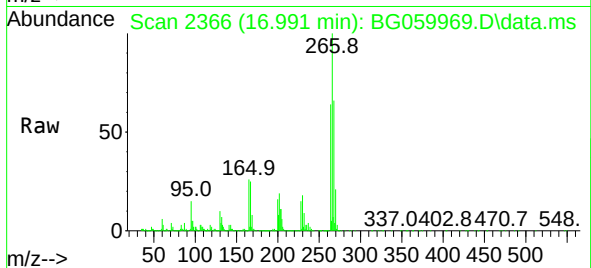
Tgt Ion:200 Resp: 292567
Ion Ratio Lower Upper
200 100
173 15.6 0.0 34.0
215 52.7 36.5 76.5





#70
Pentachlorophenol
Concen: 74.012 ng
RT: 16.991 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

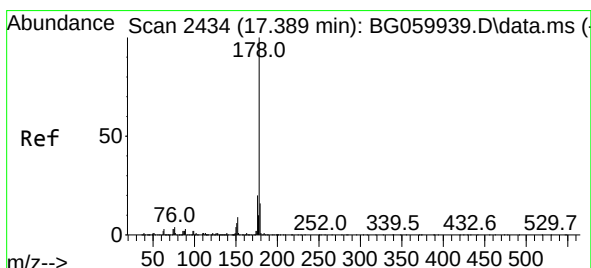
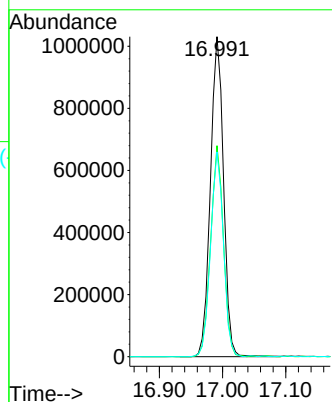
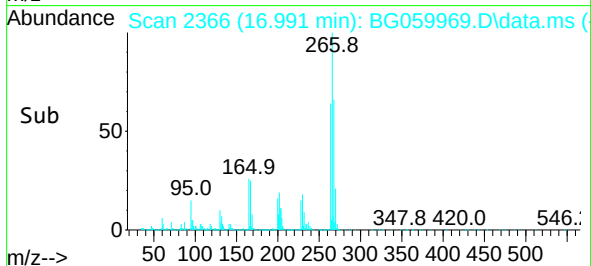
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



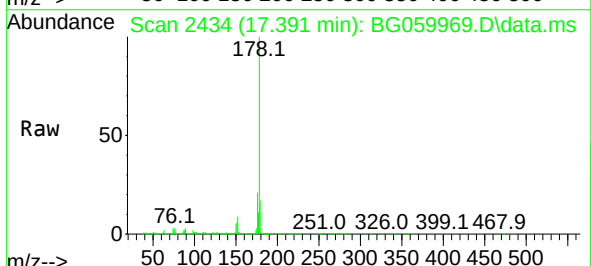
Tgt Ion:266 Resp: 1482480
Ion Ratio Lower Upper
266 100
268 66.0 49.3 73.9
264 64.0 53.2 79.8

Manual Integrations
APPROVED

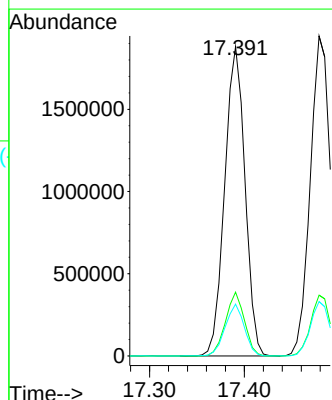
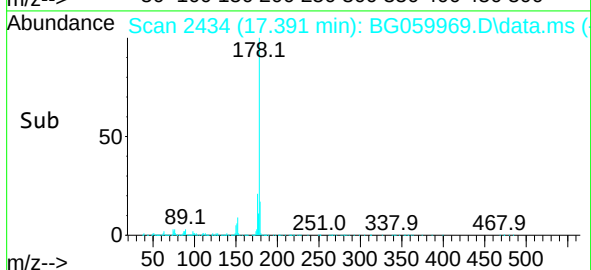
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

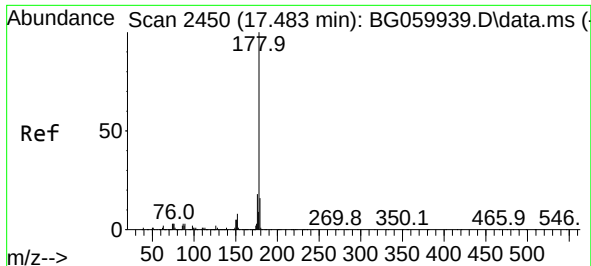


#71
Phenanthrene
Concen: 40.851 ng
RT: 17.391 min Scan# 2434
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37



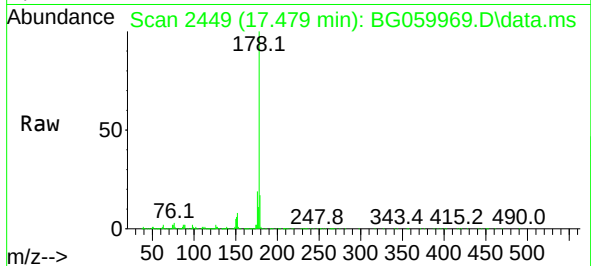
Tgt Ion:178 Resp: 2800958
Ion Ratio Lower Upper
178 100
176 20.6 15.8 23.8
179 16.8 12.6 19.0





#72
 Anthracene
 Concen: 41.302 ng
 RT: 17.479 min Scan# 2449
 Delta R.T. -0.005 min
 Lab File: BG059969.D
 Acq: 6 Dec 2023 14:37

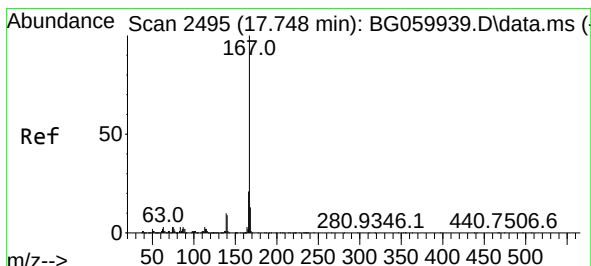
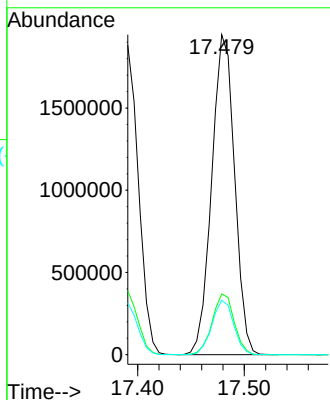
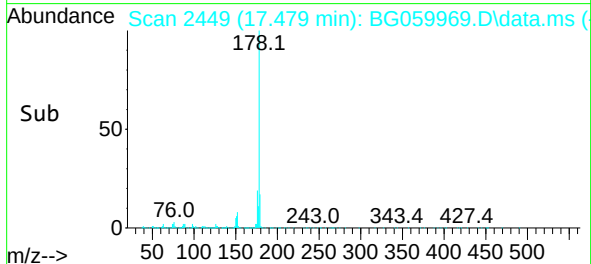
Instrument :
 BNA_G
 ClientSampleId :
 SPRING-VALLEY-TP-1MSD



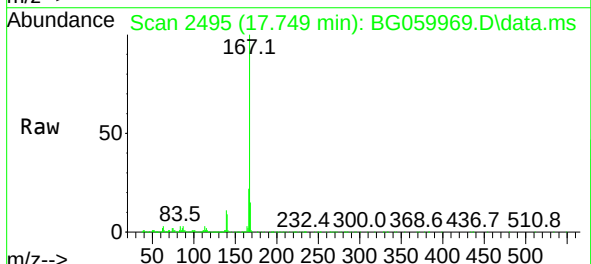
Tgt Ion:178 Resp: 2894650
 Ion Ratio Lower Upper
 178 100
 176 19.0 14.7 22.1
 179 17.0 13.2 19.8

Manual Integrations
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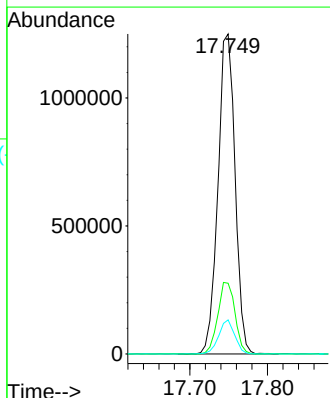
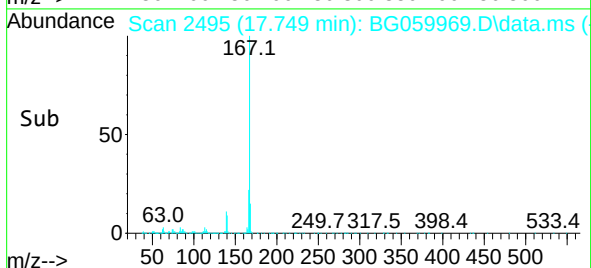
Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023

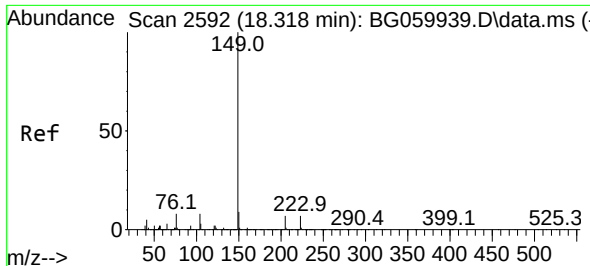


#73
 Carbazole
 Concen: 36.008 ng
 RT: 17.749 min Scan# 2495
 Delta R.T. 0.001 min
 Lab File: BG059969.D
 Acq: 6 Dec 2023 14:37



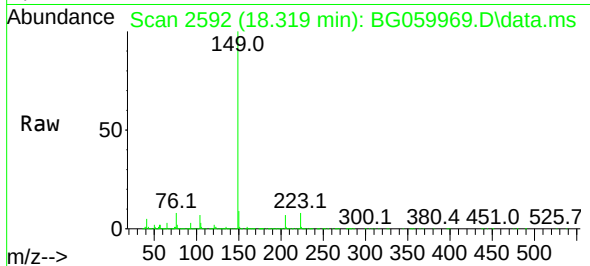
Tgt Ion:167 Resp: 1918007
 Ion Ratio Lower Upper
 167 100
 166 22.1 16.7 25.1
 139 10.7 8.0 12.0





#74
Di-n-butylphthalate
Concen: 43.287 ng
RT: 18.319 min Scan# 2592
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

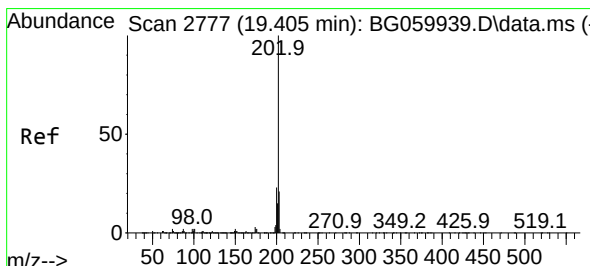
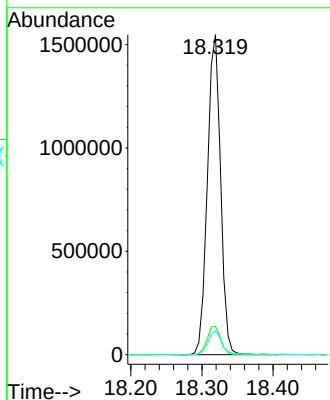
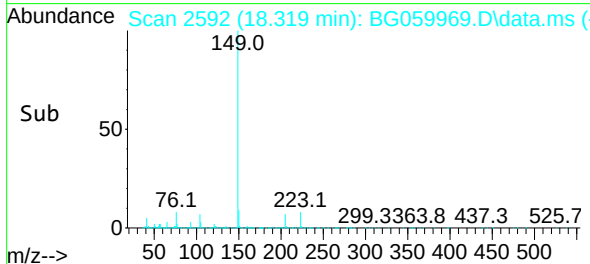
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



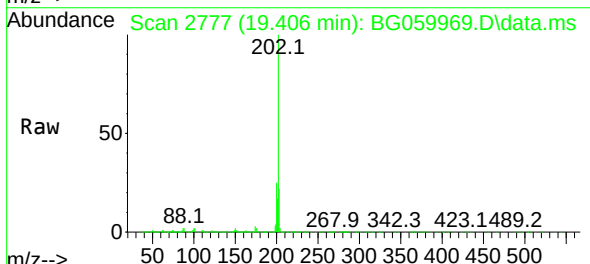
Tgt Ion:149 Resp: 199434
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.0
104 7.4 6.2 9.2

Manual Integrations
APPROVED

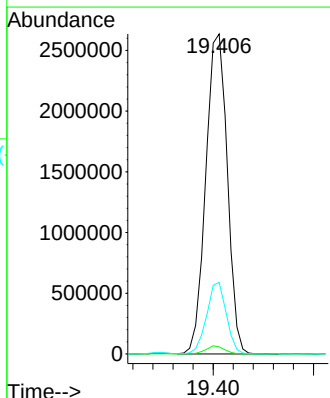
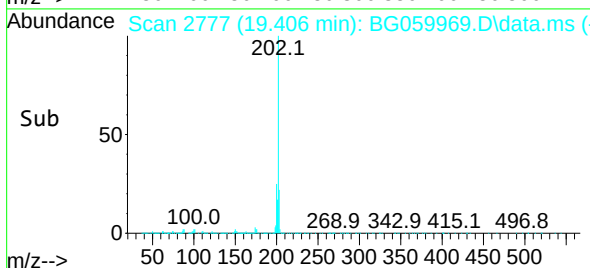
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

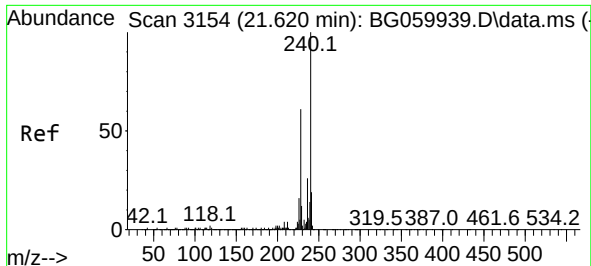


#75
Fluoranthene
Concen: 34.812 ng
RT: 19.406 min Scan# 2777
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37



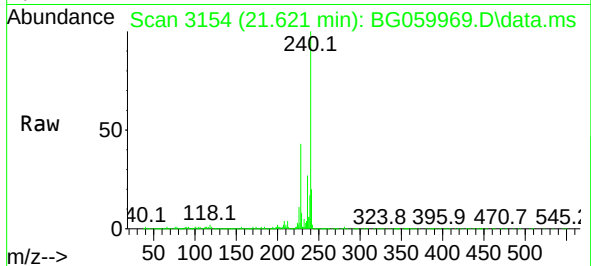
Tgt Ion:202 Resp: 3922718
Ion Ratio Lower Upper
202 100
101 2.2 0.0 21.6
203 22.4 0.9 40.9





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.621 min Scan# 3154
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

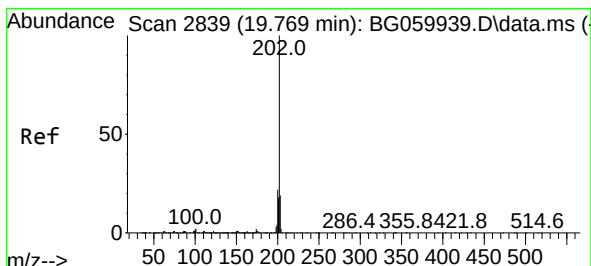
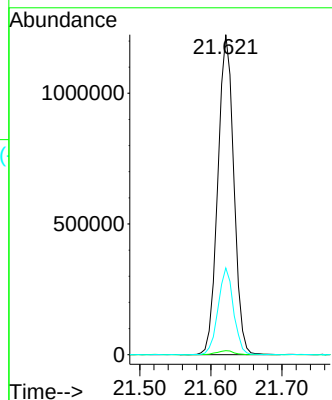
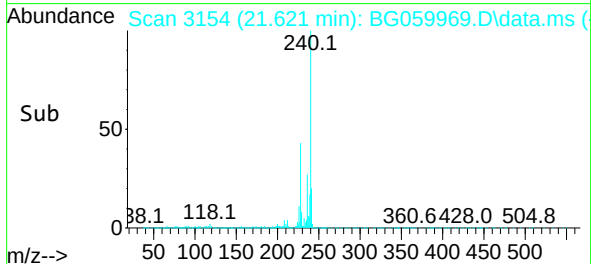
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



Tgt Ion:240 Resp: 1904439
Ion Ratio Lower Upper
240 100
120 1.2 1.0 1.4
236 27.1 20.8 31.2

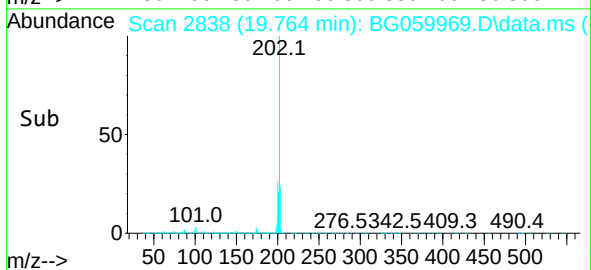
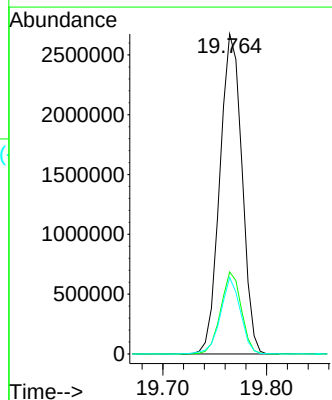
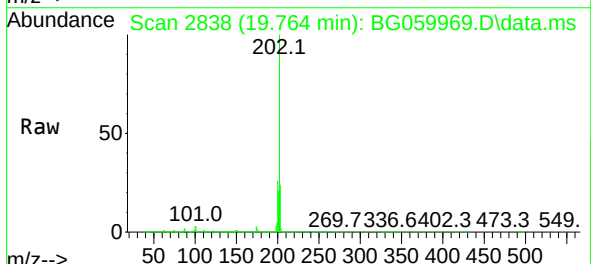
Manual Integrations
APPROVED

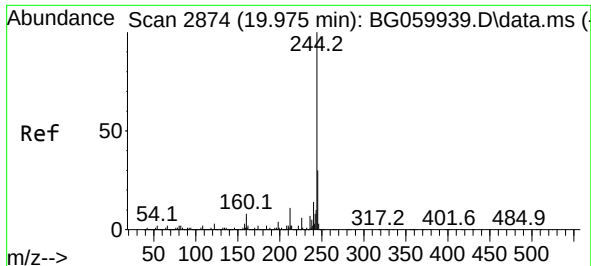
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#78
Pyrene
Concen: 38.998 ng m
RT: 19.764 min Scan# 2838
Delta R.T. -0.005 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

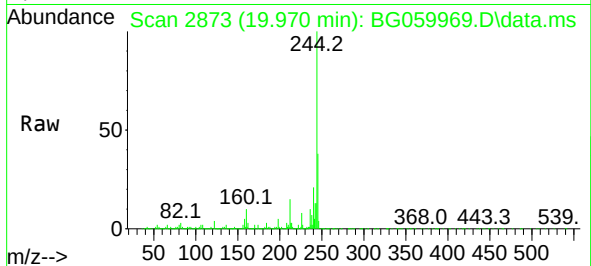
Tgt Ion:202 Resp: 3952512
Ion Ratio Lower Upper
202 100
200 25.6 17.8 26.6
203 23.9 15.4 23.0#





#79
 Terphenyl-d14
 Concen: 55.070 ng
 RT: 19.970 min Scan# 2874
 Delta R.T. -0.005 min
 Lab File: BG059969.D
 Acq: 6 Dec 2023 14:37

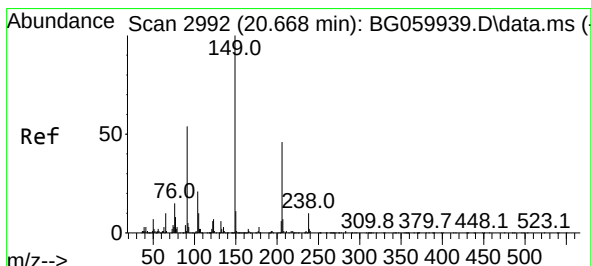
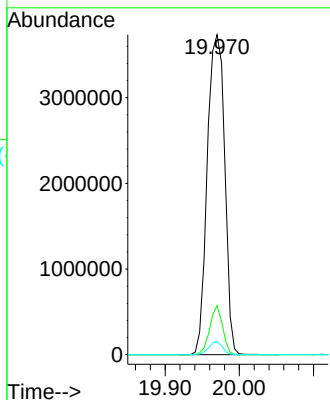
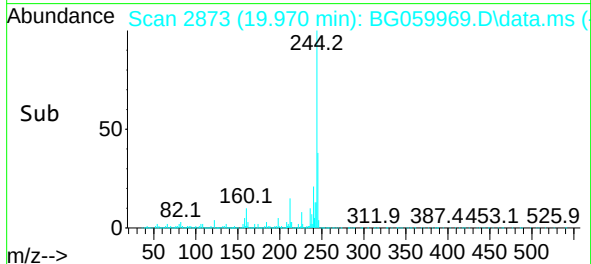
Instrument :
 BNA_G
 ClientSampleId :
 SPRING-VALLEY-TP-1MSD



Tgt Ion:244 Resp: 608379
 Ion Ratio Lower Upper
 244 100
 212 15.3 8.6 13.0
 122 4.1 2.1 3.1

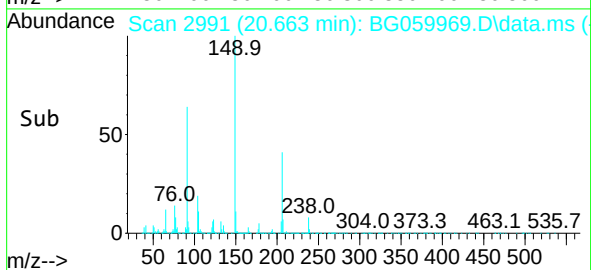
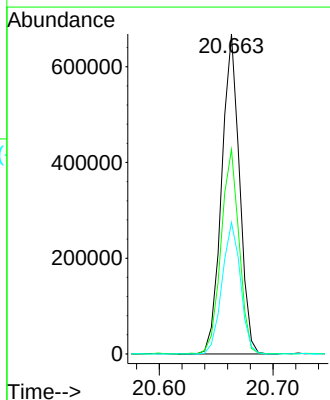
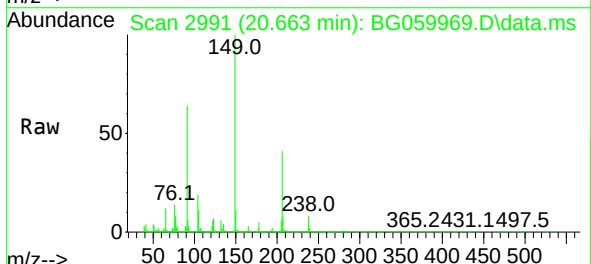
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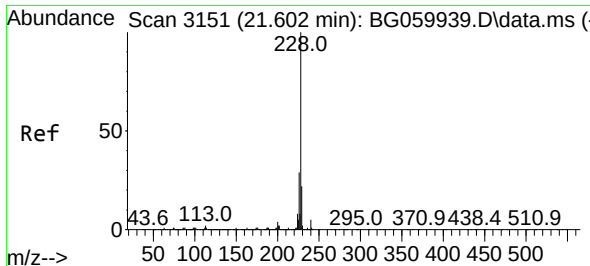
Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023



#80
 Butylbenzylphthalate
 Concen: 50.609 ng
 RT: 20.663 min Scan# 2991
 Delta R.T. -0.005 min
 Lab File: BG059969.D
 Acq: 6 Dec 2023 14:37

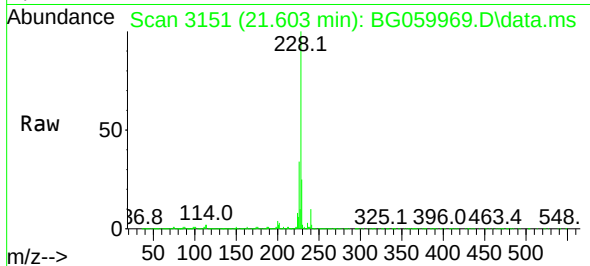
Tgt Ion:149 Resp: 727614
 Ion Ratio Lower Upper
 149 100
 91 63.9 42.9 64.3
 206 41.1 36.7 55.1





#81
Benzo(a)anthracene
Concen: 38.105 ng
RT: 21.603 min Scan# 3151
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

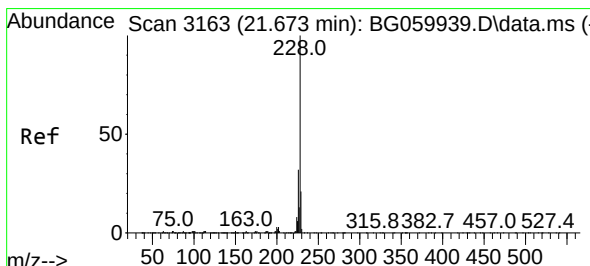
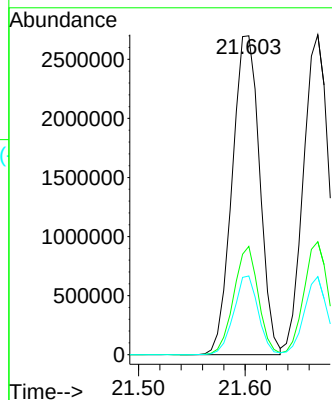
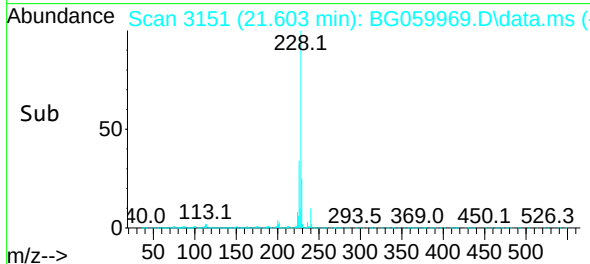
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



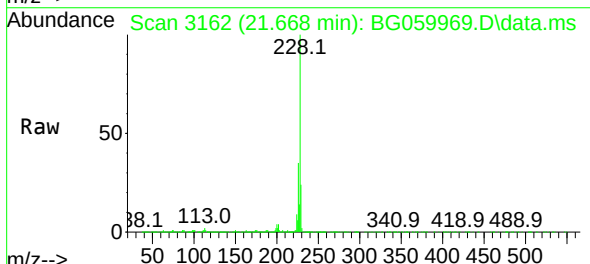
Tgt Ion:228 Resp: 4841792
Ion Ratio Lower Upper
228 100
226 33.9 23.4 35.2
229 24.7 17.4 26.2

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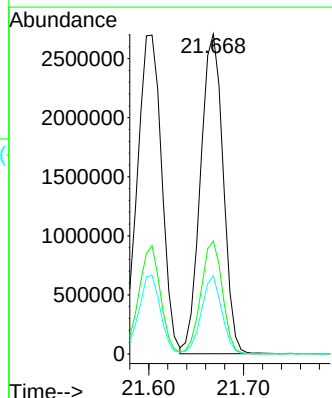
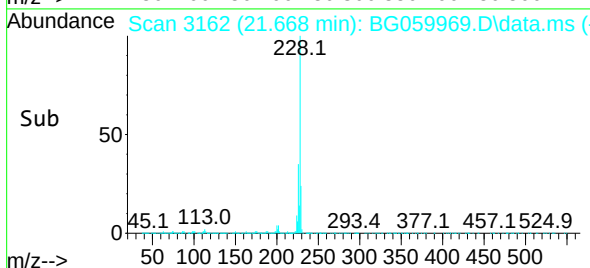
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

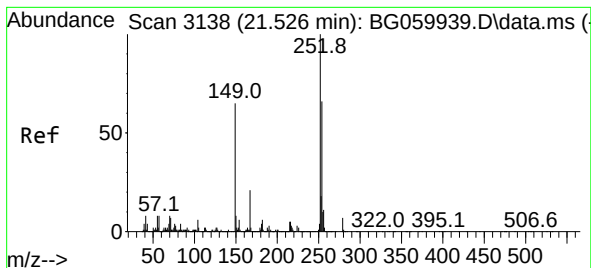


#83
Chrysene
Concen: 37.587 ng
RT: 21.668 min Scan# 3162
Delta R.T. -0.005 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37



Tgt Ion:228 Resp: 4477806
Ion Ratio Lower Upper
228 100
226 35.3 25.4 38.2
229 24.4 17.1 25.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 50.183 ng

RT: 21.521 min Scan# 3138

Delta R.T. -0.005 min

Lab File: BG059969.D

Acq: 6 Dec 2023 14:37

Instrument :

BNA_G

ClientSampleId :

SPRING-VALLEY-TP-1MSD

Tgt Ion:149 Resp: 1104004

Ion Ratio Lower Upper

149 100

167 31.6 26.1 39.1

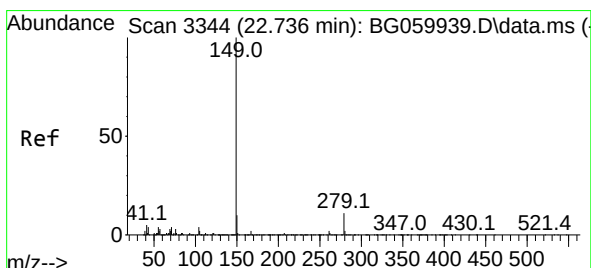
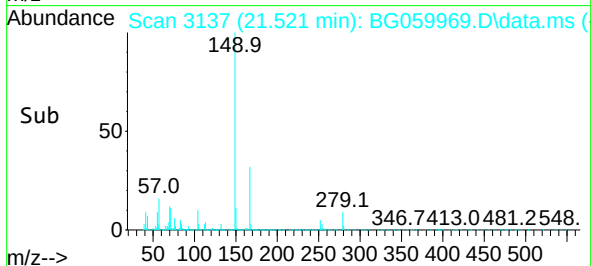
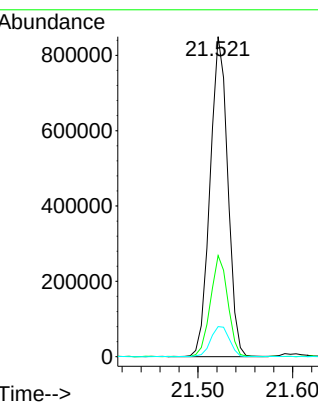
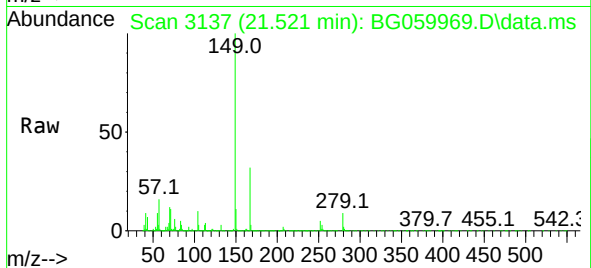
279 9.4 8.6 12.8

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APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#85

Di-n-octyl phthalate

Concen: 50.323 ng

RT: 22.732 min Scan# 3343

Delta R.T. -0.005 min

Lab File: BG059969.D

Acq: 6 Dec 2023 14:37

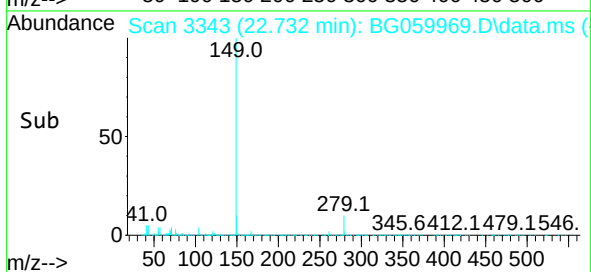
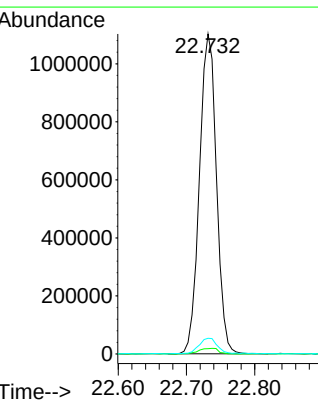
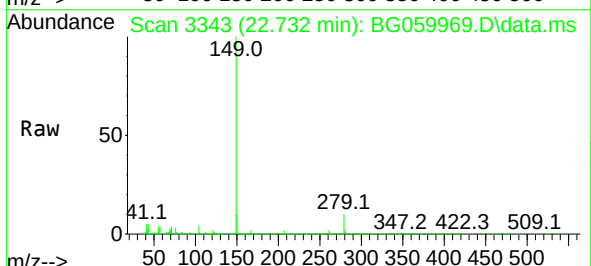
Tgt Ion:149 Resp: 1913253

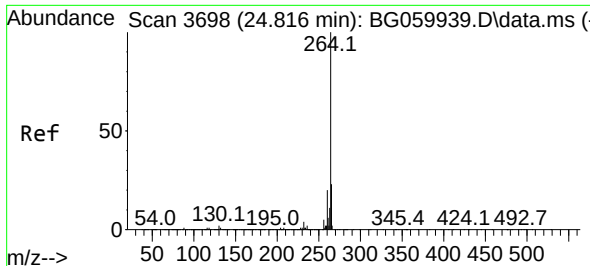
Ion Ratio Lower Upper

149 100

167 2.1 1.7 2.5

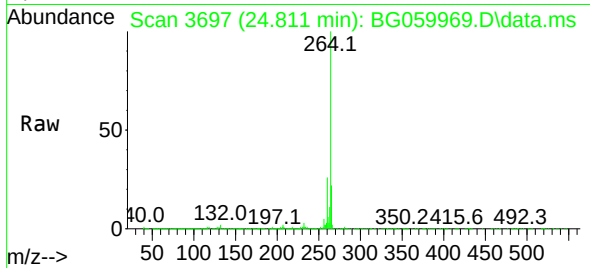
43 5.5 3.6 5.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.811 min Scan# 30
Delta R.T. -0.005 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

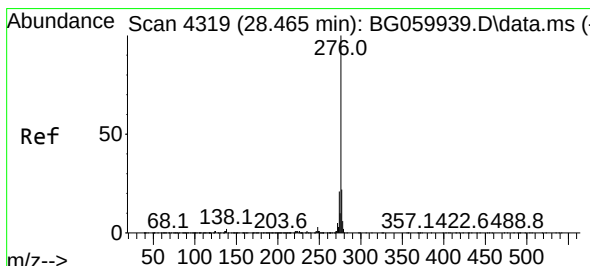
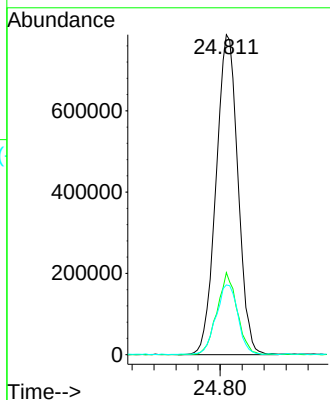
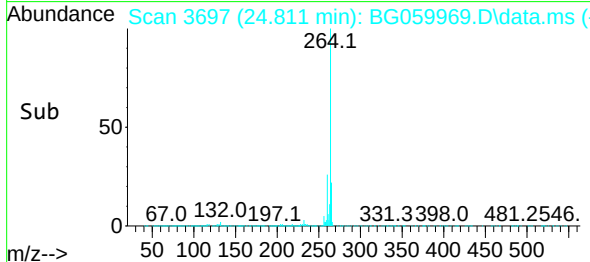
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



Tgt Ion:264 Resp: 2169744
Ion Ratio Lower Upper
264 100
260 25.6 15.8 23.6
265 21.8 18.1 27.1

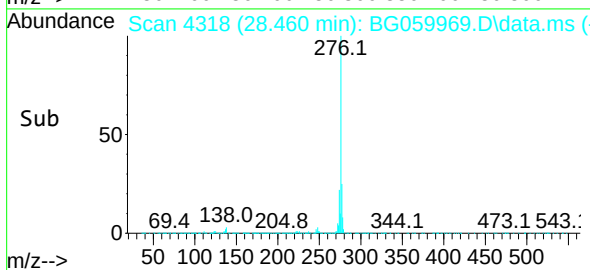
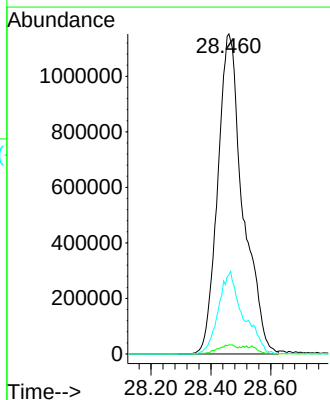
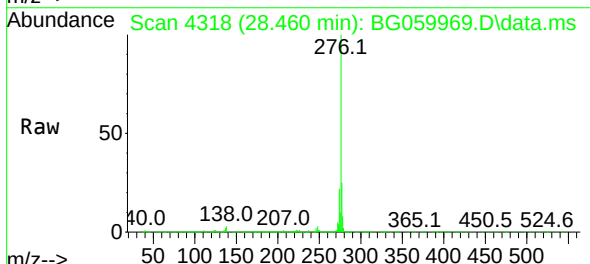
Manual Integrations
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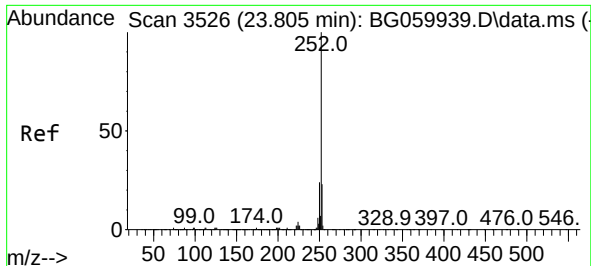
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#87
Indeno(1,2,3-cd)pyrene
Concen: 42.025 ng
RT: 28.460 min Scan# 4318
Delta R.T. -0.005 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

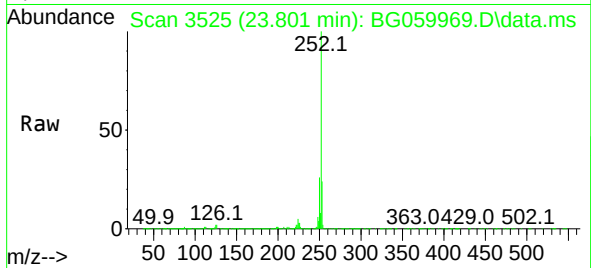
Tgt Ion:276 Resp: 6733355
Ion Ratio Lower Upper
276 100
138 2.1 0.0 0.0#
277 25.4 19.9 29.9





#88
Benzo(b)fluoranthene
Concen: 40.118 ng
RT: 23.801 min Scan# 3525
Delta R.T. -0.005 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

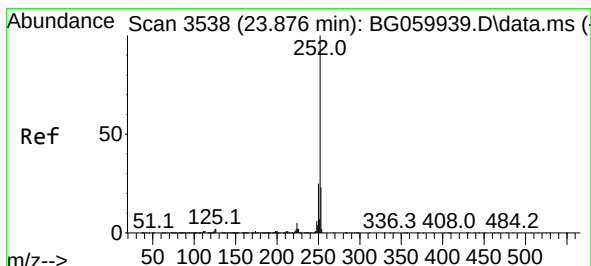
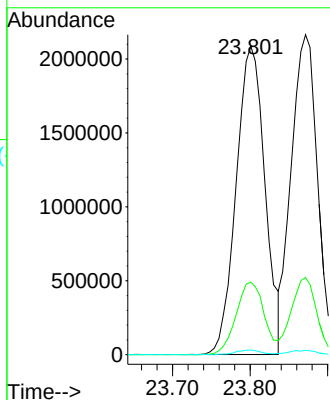
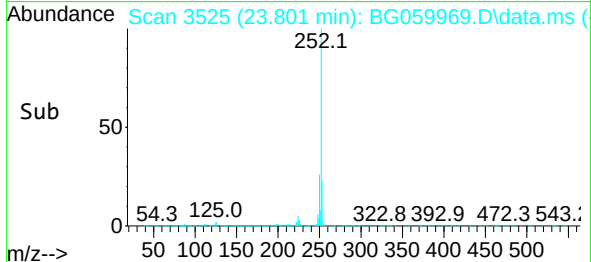
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



Tgt Ion:252 Resp: 538029
Ion Ratio Lower Upper
252 100
253 23.5 18.5 27.7
125 1.5 1.2 1.8

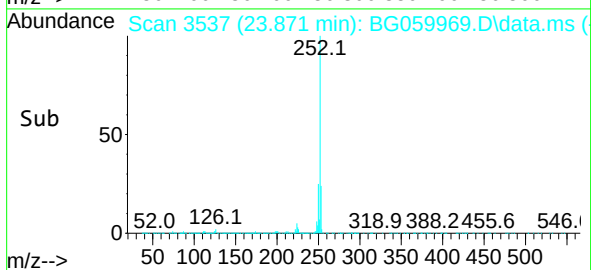
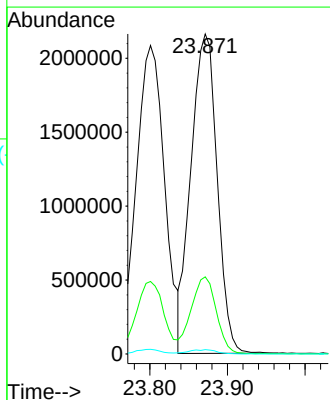
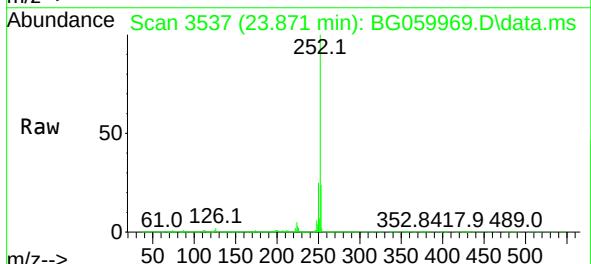
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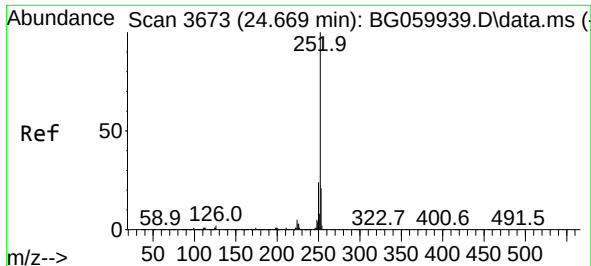
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#89
Benzo(k)fluoranthene
Concen: 38.783 ng
RT: 23.871 min Scan# 3537
Delta R.T. -0.005 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

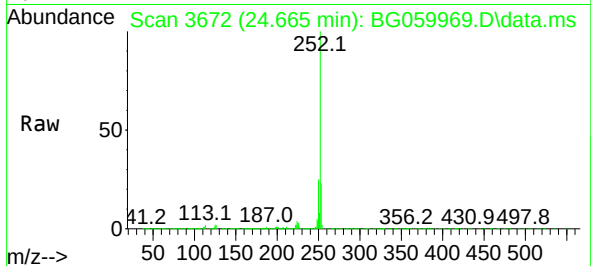
Tgt Ion:252 Resp: 5068239
Ion Ratio Lower Upper
252 100
253 24.1 18.3 27.5
125 1.4 1.3 1.9





#90
Benzo(a)pyrene
Concen: 39.645 ng
RT: 24.665 min Scan# 30
Delta R.T. -0.005 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

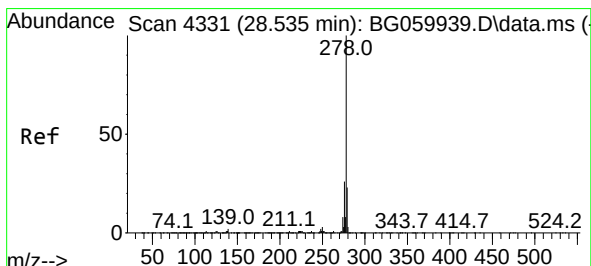
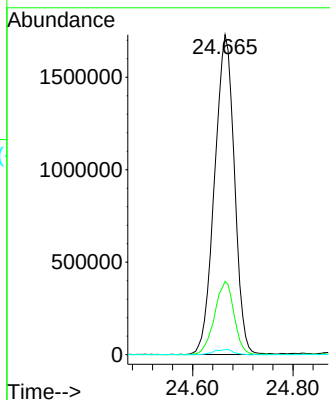
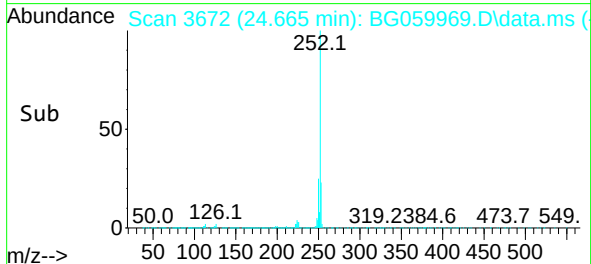
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



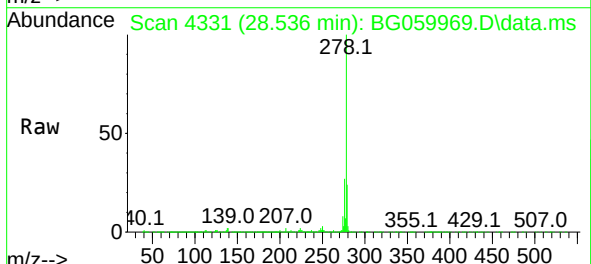
Tgt Ion:252 Resp: 474840
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.6
125 1.5 0.9 1.3

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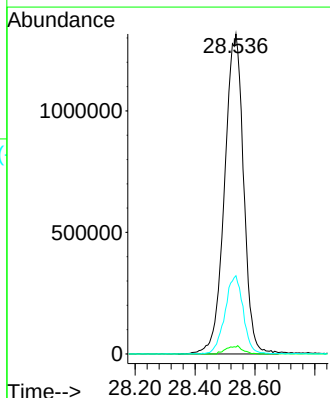
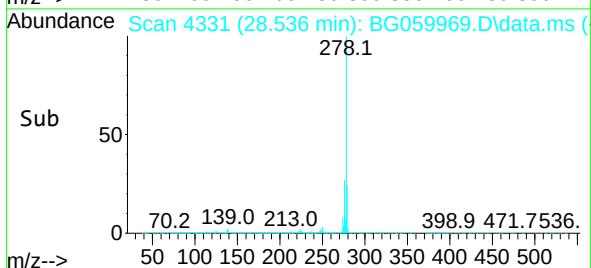
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

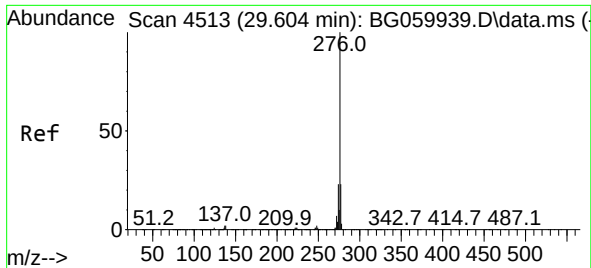


#91
Dibenzo(a,h)anthracene
Concen: 42.656 ng
RT: 28.536 min Scan# 4331
Delta R.T. 0.001 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37



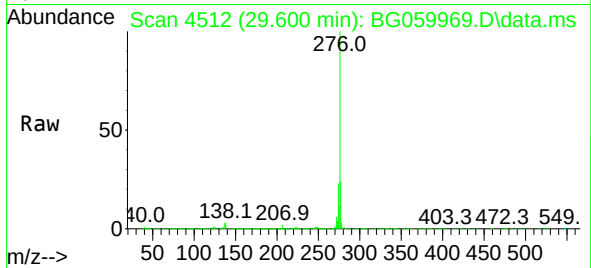
Tgt Ion:278 Resp: 5802677
Ion Ratio Lower Upper
278 100
139 2.1 1.7 2.5
279 24.4 18.8 28.2





#92
Benzo(g,h,i)perylene
Concen: 39.809 ng
RT: 29.600 min Scan# 4513
Delta R.T. -0.005 min
Lab File: BG059969.D
Acq: 6 Dec 2023 14:37

Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MSD



Tgt Ion:276 Resp: 5237524
Ion Ratio Lower Upper
276 100
277 24.5 18.1 27.1
138 2.9 1.6 2.4

Manual Integrations
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Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

