

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059868.D
 Acq On : 24 Nov 2023 21:44
 Operator : MA/JU
 Sample : 05449-10MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-SED-04MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 25 01:02:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 15:11:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.318	152	30697	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	152961	20.000	ng	# 0.00
39) Acenaphthene-d10	14.951	164	114639	20.000	ng	0.00
64) Phenanthrene-d10	17.701	188	246030	20.000	ng	# 0.00
76) Chrysene-d12	22.025	240	177995	20.000	ng	# 0.00
86) Perylene-d12	25.591	264	209045	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.809	112	101148	55.460	ng	0.00
7) Phenol-d6	7.448	99	184002	68.081	ng	0.00
23) Nitrobenzene-d5	9.516	82	209553	52.322	ng	0.00
42) 2,4,6-Tribromophenol	16.438	330	70866	54.482	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	494001	58.004	ng	0.00
79) Terphenyl-d14	20.274	244	733624	60.845	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.635	88	24779	28.927	ng	# 76
3) Pyridine	4.058	79	74036	31.644	ng	# 90
4) n-Nitrosodimethylamine	3.987	42	65527	52.646	ng	# 67
6) Aniline	7.642	93	95665	26.821	ng	98
8) 2-Chlorophenol	7.871	128	82233	41.562	ng	93
9) Benzaldehyde	7.460	77	14126	7.732	ng	# 78
10) Phenol	7.472	94	120355	43.208	ng	# 72
11) bis(2-Chloroethyl)ether	7.730	93	56468	32.565	ng	100
12) 1,3-Dichlorobenzene	8.200	146	111884	50.909	ng	95
13) 1,4-Dichlorobenzene	8.359	146	114829	52.030	ng	95
14) 1,2-Dichlorobenzene	8.676	146	116538	53.150	ng	94
15) Benzyl Alcohol	8.564	79	171936	55.788	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.835	45	29182	45.742	ng	# 76
17) 2-Methylphenol	8.746	107	114020	55.574	ng	90
18) Hexachloroethane	9.405	117	48065	51.312	ng	90
19) n-Nitroso-di-n-propyla...	9.128	70	100855	47.387	ng	92
20) 3+4-Methylphenols	9.081	107	151558	53.211	ng	98
22) Acetophenone	9.164	105	207279	47.865	ng	97
24) Nitrobenzene	9.563	77	174122	47.205	ng	# 93
25) Isophorone	10.068	82	307774	45.774	ng	98
26) 2-Nitrophenol	10.274	139	71588	52.937	ng	# 88
27) 2,4-Dimethylphenol	10.298	122	119759	43.555	ng	90
28) bis(2-Chloroethoxy)met...	10.556	93	122262	48.388	ng	# 97
29) 2,4-Dichlorophenol	10.797	162	130139	55.437	ng	86
30) 1,2,4-Trichlorobenzene	11.014	180	123539	52.071	ng	# 91
31) Naphthalene	11.220	128	381070	49.544	ng	# 94
32) Benzoic acid	10.427	122	93995	50.232	ng	# 79
33) 4-Chloroaniline	11.338	127	123402	37.720	ng	# 89
34) Hexachlorobutadiene	11.449	225	84577	52.380	ng	# 89
35) Caprolactam	12.137	113	41197m	48.018	ng	
36) 4-Chloro-3-methylphenol	12.413	107	175154	56.102	ng	# 94
37) 2-Methylnaphthalene	12.801	142	310205	47.886	ng	# 84
38) 1-Methylnaphthalene	13.018	142	299614	50.153	ng	98
40) 1,2,4,5-Tetrachloroben...	13.141	216	163873	52.930	ng	97
41) Hexachlorocyclopentadiene	13.094	237	200779	103.385	ng	83
43) 2,4,6-Trichlorophenol	13.382	196	118675	55.122	ng	94

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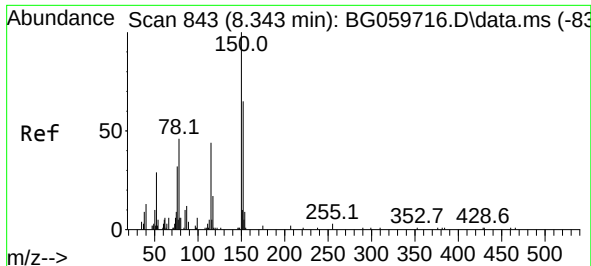
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.459	196	125481	49.603	ng	# 80
46) 1,1'-Biphenyl	13.788	154	460277	51.152	ng	97
47) 2-Chloronaphthalene	13.841	162	328040	53.056	ng	94
48) 2-Nitroaniline	14.058	65	121538	55.057	ng	92
49) Acenaphthylene	14.687	152	555052	52.650	ng	97
50) Dimethylphthalate	14.393	163	451054	50.772	ng	100
51) 2,6-Dinitrotoluene	14.540	165	86562	51.362	ng	# 80
52) Acenaphthene	15.016	154	323322	50.995	ng	98
53) 3-Nitroaniline	14.881	138	87661	44.437	ng	97
54) 2,4-Dinitrophenol	15.074	184	119433	95.366	ng	# 60
55) Dibenzofuran	15.351	168	530389	50.738	ng	90
56) 4-Nitrophenol	15.157	139	146879	97.319	ng	# 82
57) 2,4-Dinitrotoluene	15.315	165	135347	52.221	ng	96
58) Fluorene	15.997	166	450370	51.858	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.556	232	121897	54.817	ng	96
60) Diethylphthalate	15.732	149	507785	53.294	ng	96
61) 4-Chlorophenyl-phenyle...	15.973	204	237272	53.079	ng	96
62) 4-Nitroaniline	16.044	138	89845	45.443	ng	# 81
63) Azobenzene	16.273	77	520240	49.134	ng	97
65) 4,6-Dinitro-2-methylph...	16.067	198	74047	49.248	ng	83
66) n-Nitrosodiphenylamine	16.197	169	404573	56.292	ng	93
67) 4-Bromophenyl-phenylether	16.872	248	147082	55.648	ng	88
68) Hexachlorobenzene	16.966	284	148159	60.059	ng	96
69) Atrazine	17.131	200	167043	72.493	ng	96
70) Pentachlorophenol	17.325	266	191339	101.666	ng	98
71) Phenanthrene	17.748	178	670346	53.590	ng	95
72) Anthracene	17.836	178	686556	52.825	ng	96
73) Carbazole	18.112	167	565729	49.825	ng	96
74) Di-n-butylphthalate	18.611	149	704739	51.349	ng	100
75) Fluoranthene	19.740	202	669073	44.602	ng	98
77) Benzidine	19.928	184	324471	80.391	ng	97
78) Pyrene	20.104	202	660546	54.542	ng	99
80) Butylbenzylphthalate	20.956	149	258854	52.126	ng	97
81) Benzo(a)anthracene	22.002	228	613595	50.382	ng	99
82) 3,3'-Dichlorobenzidine	21.913	252	208180	45.882	ng	93
83) Chrysene	22.078	228	571120	51.156	ng	94
84) Bis(2-ethylhexyl)phtha...	21.825	149	360639	51.950	ng	# 98
85) Di-n-octyl phthalate	23.153	149	600531	44.936	ng	# 96
87) Indeno(1,2,3-cd)pyrene	29.740	276	775758	49.044	ng	# 81
88) Benzo(b)fluoranthene	24.440	252	647749	56.534	ng	96
89) Benzo(k)fluoranthene	24.516	252	595713	52.591	ng	# 99
90) Benzo(a)pyrene	25.421	252	552433	45.178	ng	95
91) Dibenzo(a,h)anthracene	29.822	278	673929	50.359	ng	# 98
92) Benzo(g,h,i)perylene	31.056	276	603350	47.516	ng	# 98

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



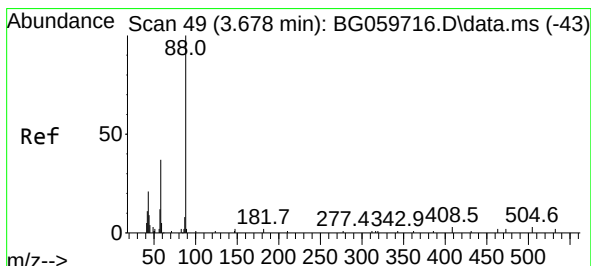
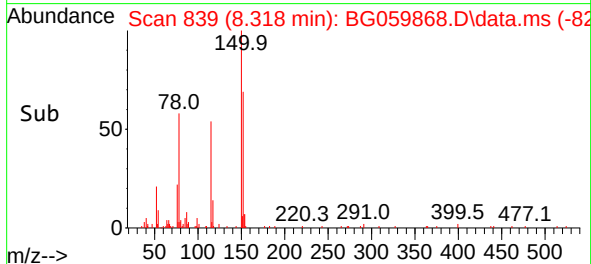
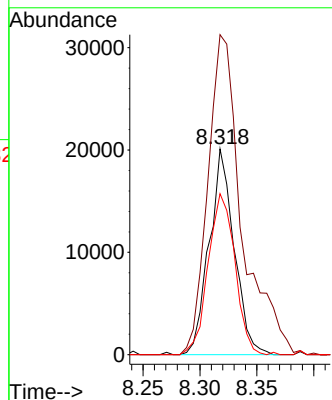
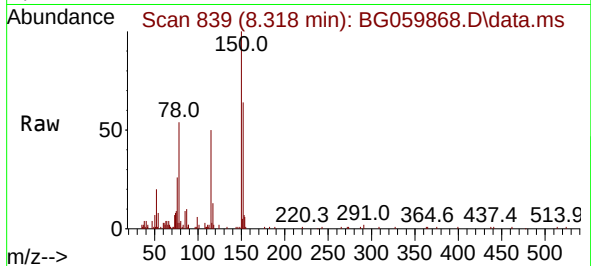
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.318 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

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Tgt Ion:152 Resp: 3069
Ion Ratio Lower Upper
152 100
150 155.5 122.2 183.4
115 78.2 54.2 81.4

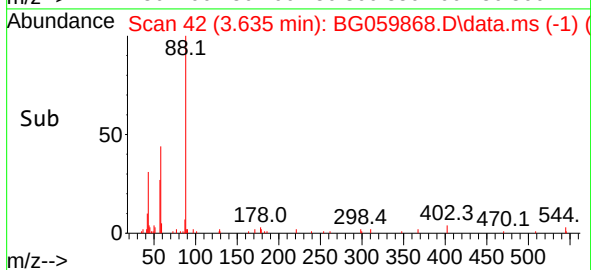
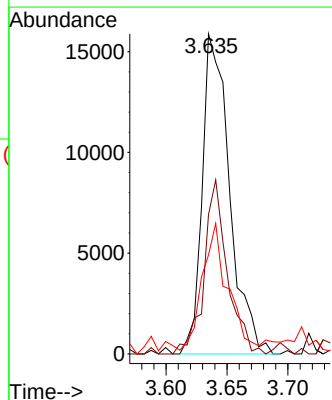
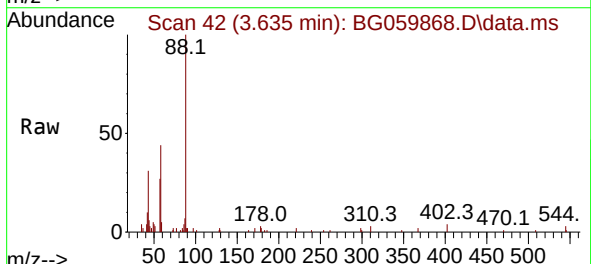
Manual Integrations
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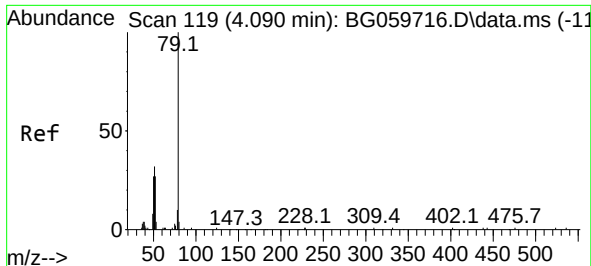
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#2
1,4-Dioxane
Concen: 28.927 ng
RT: 3.635 min Scan# 42
Delta R.T. -0.009 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

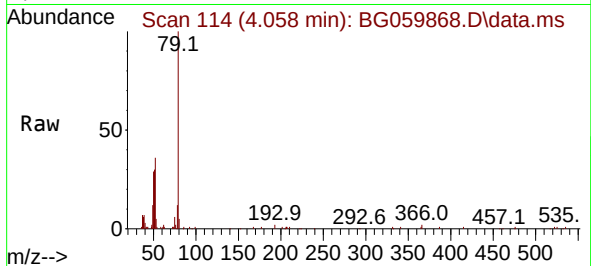
Tgt Ion: 88 Resp: 24779
Ion Ratio Lower Upper
88 100
58 46.4 28.6 42.8#
43 38.3 17.5 26.3#





#3
Pyridine
Concen: 31.644 ng
RT: 4.058 min Scan# 119
Delta R.T. -0.009 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

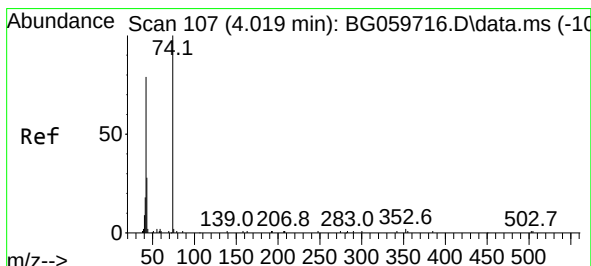
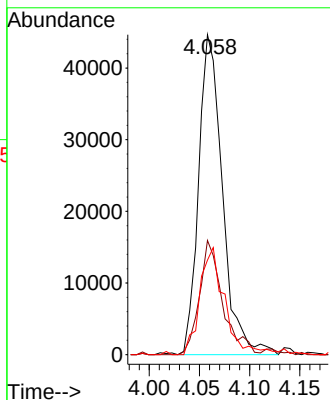
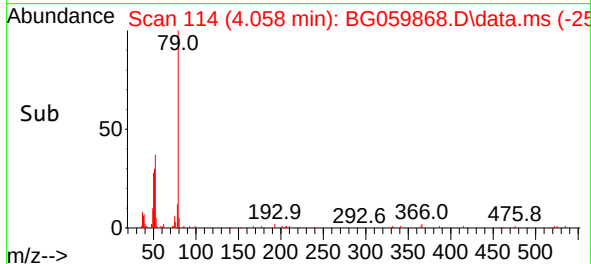
Instrument :
BNA_G
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WC-SED-04MSD



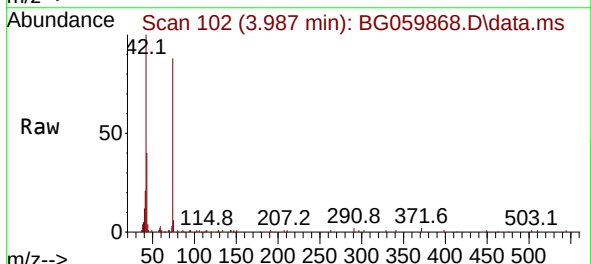
Tgt Ion: 79 Resp: 74036
Ion Ratio Lower Upper
79 100
52 35.7 21.6 32.4#
51 29.6 25.3 37.9#

Manual Integrations
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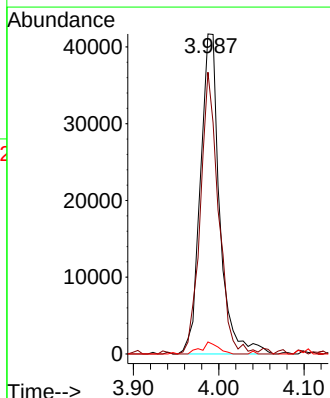
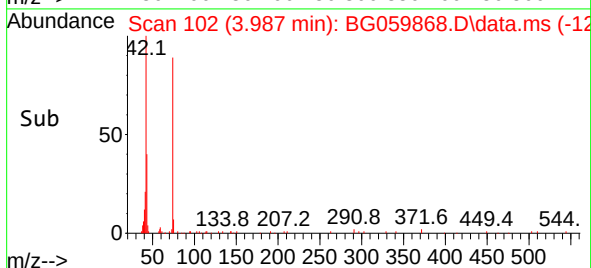
Reviewed By :Yogesh Patel 11/27/2023
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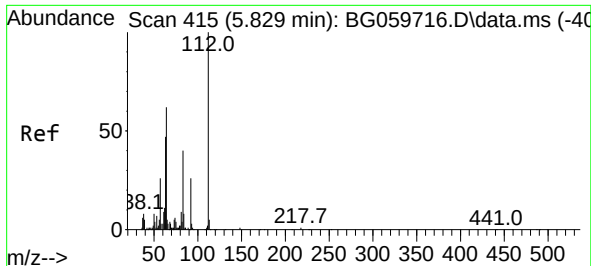


#4
n-Nitrosodimethylamine
Concen: 52.646 ng
RT: 3.987 min Scan# 102
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44



Tgt Ion: 42 Resp: 65527
Ion Ratio Lower Upper
42 100
74 88.0 101.2 151.8#
44 3.8 2.4 3.6#





#5
2-Fluorophenol
Concen: 55.460 ng
RT: 5.809 min Scan# 415
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Instrument :

BNA_G

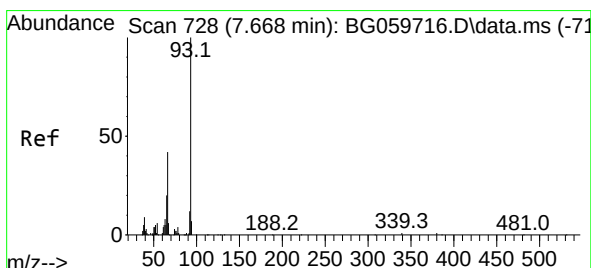
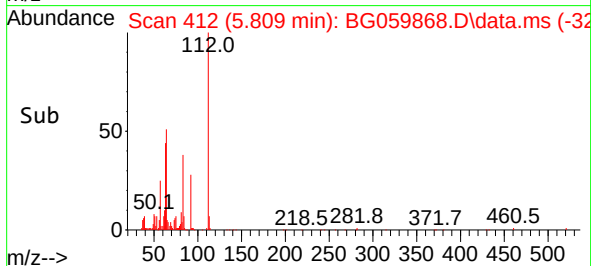
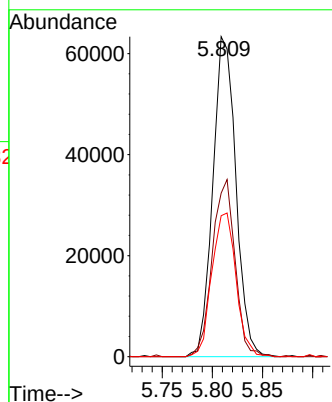
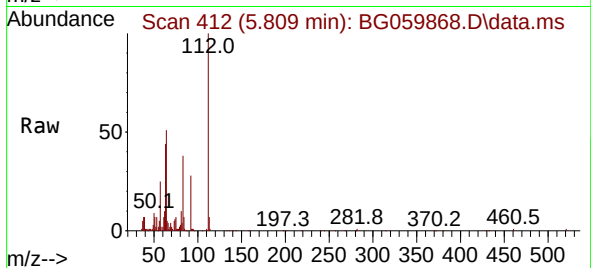
ClientSampleId :

WC-SED-04MSD

Tgt Ion:112 Resp: 10114
Ion Ratio Lower Upper
112 100
64 51.1 49.5 74.3
63 44.1 37.4 56.2

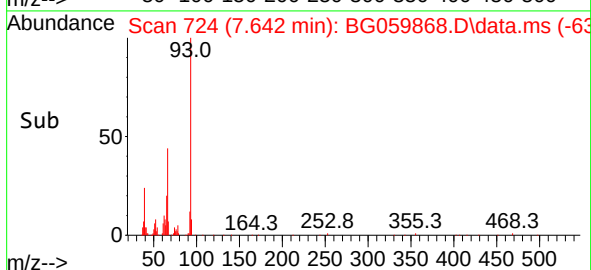
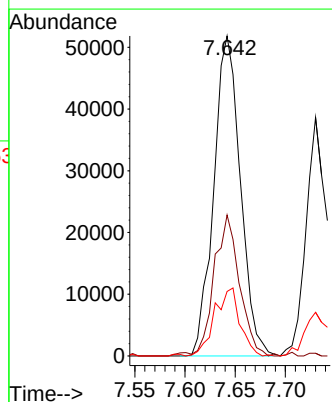
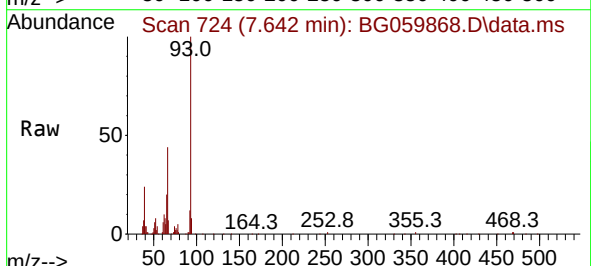
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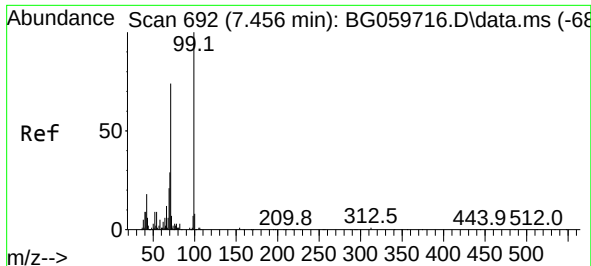
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#6
Aniline
Concen: 26.821 ng
RT: 7.642 min Scan# 724
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Tgt Ion: 93 Resp: 95665
Ion Ratio Lower Upper
93 100
66 44.1 33.9 50.9
65 20.1 15.8 23.8





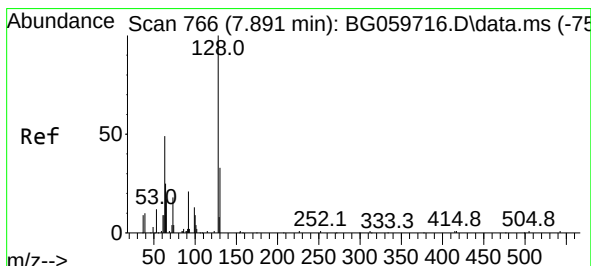
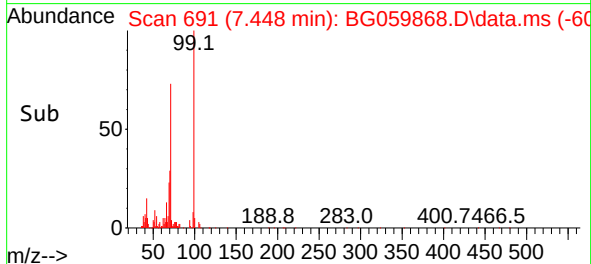
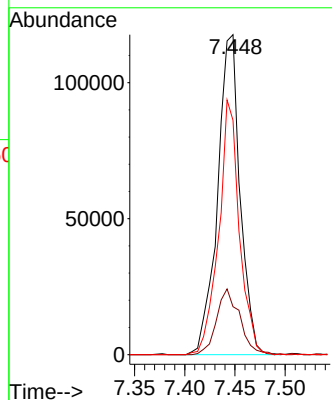
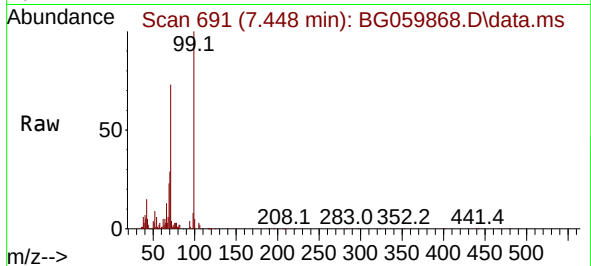
#7
Phenol-d6
Concen: 68.081 ng
RT: 7.448 min Scan# 691
Delta R.T. 0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Instrument :
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ClientSampleId :
WC-SED-04MSD

Tgt Ion: 99 Resp: 18400
Ion Ratio Lower Upper
99 100
42 15.0 14.3 21.5
71 73.3 59.3 88.9

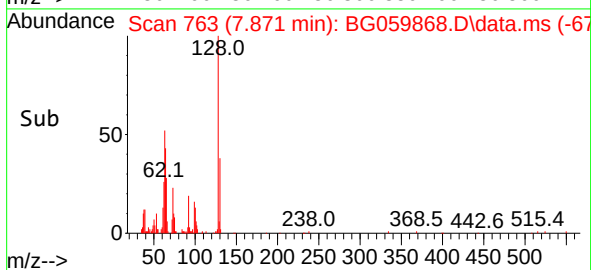
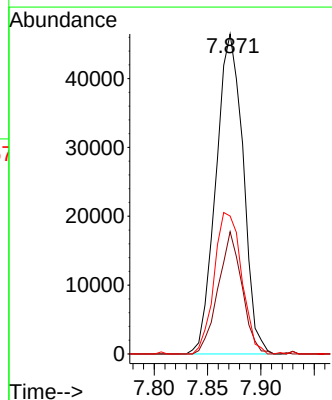
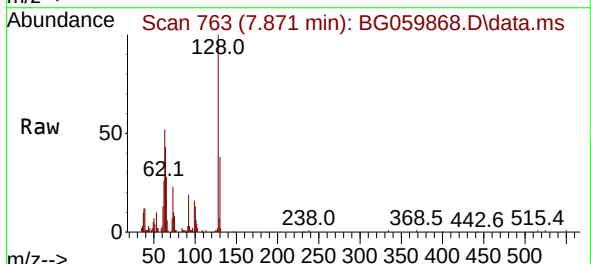
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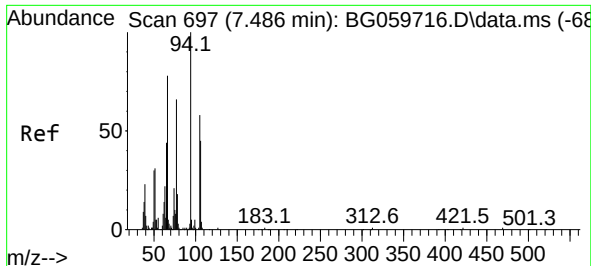
Reviewed By :Yogesh Patel 11/27/2023
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#8
2-Chlorophenol
Concen: 41.562 ng
RT: 7.871 min Scan# 763
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

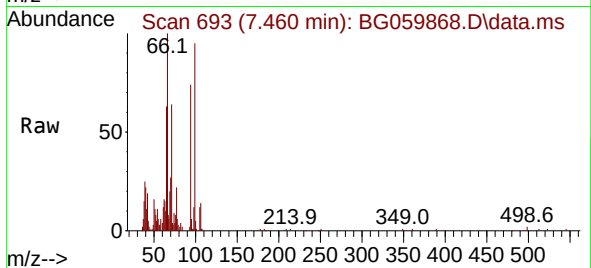
Tgt Ion:128 Resp: 82233
Ion Ratio Lower Upper
128 100
130 38.2 13.1 53.1
64 43.1 27.0 67.0





#9
Benzaldehyde
Concen: 7.732 ng
RT: 7.460 min Scan# 691
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

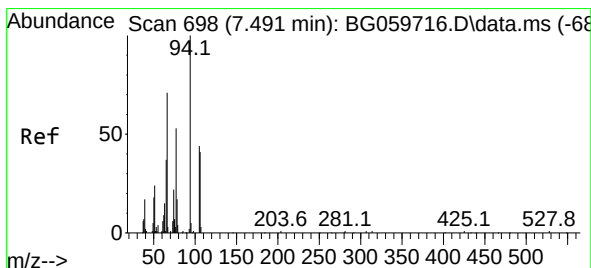
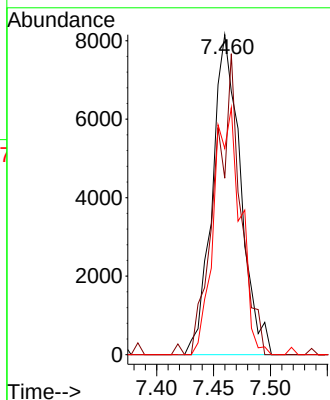
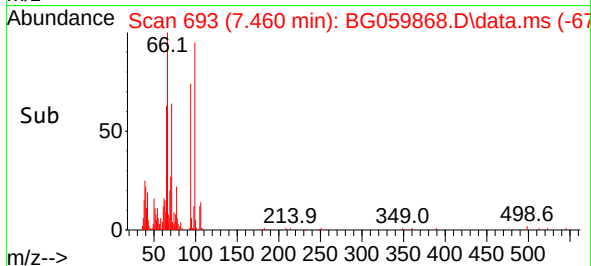
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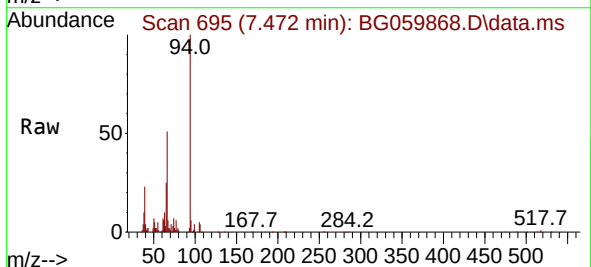
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Ion Ratio Lower Upper
77 100
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106 64.4 48.1 88.1

Manual Integrations
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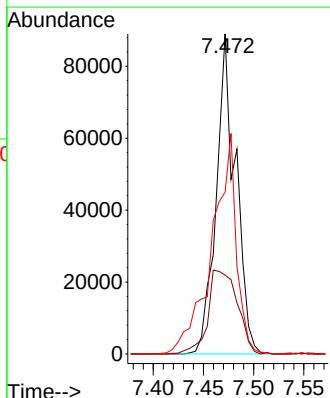
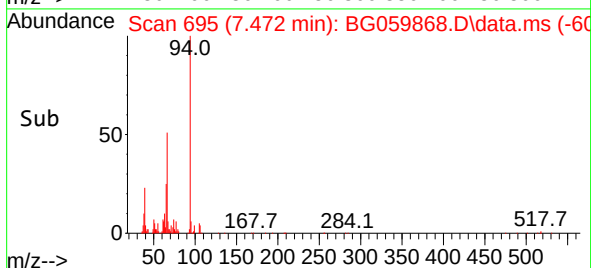
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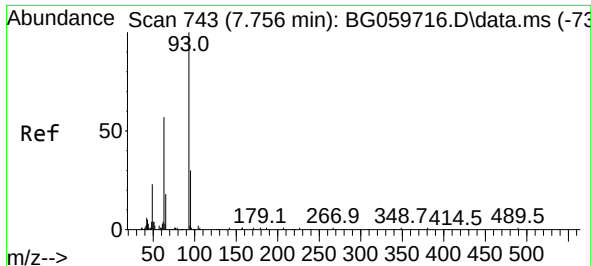


#10
Phenol
Concen: 43.208 ng
RT: 7.472 min Scan# 695
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44



Tgt Ion: 94 Resp: 120355
Ion Ratio Lower Upper
94 100
65 24.6 18.1 58.1
66 50.6 56.6 96.6





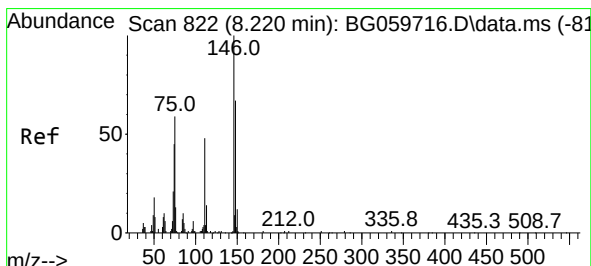
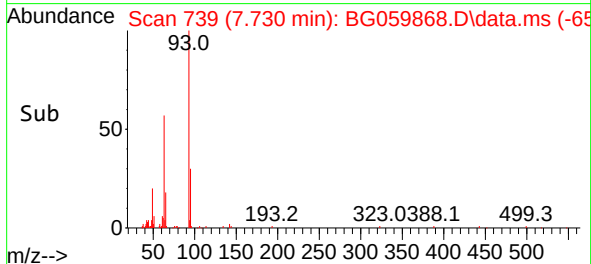
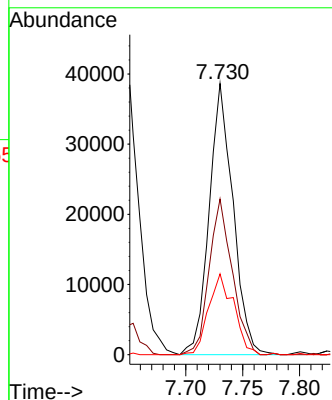
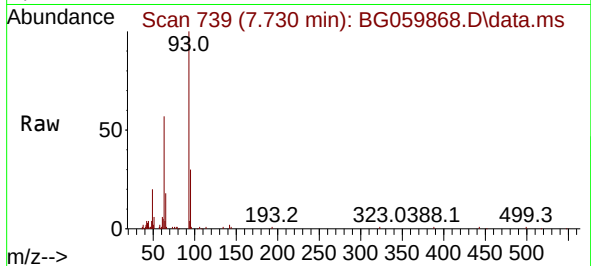
#11
bis(2-Chloroethyl)ether
Concen: 32.565 ng
RT: 7.730 min Scan# 710
Delta R.T. -0.009 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Instrument :
BNA_G
ClientSampleId :
WC-SED-04MSD

Tgt Ion: 93 Resp: 5646
Ion Ratio Lower Upper
93 100
63 57.4 37.2 77.2
95 29.8 10.2 50.2

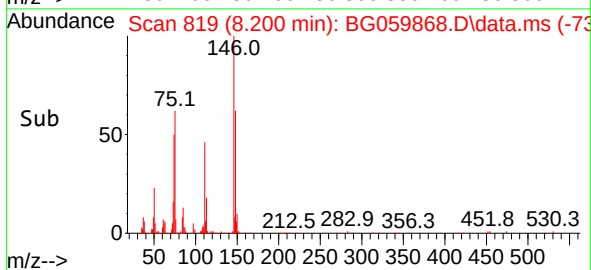
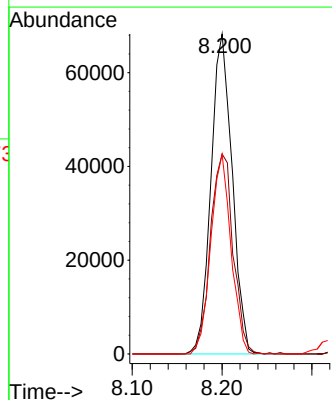
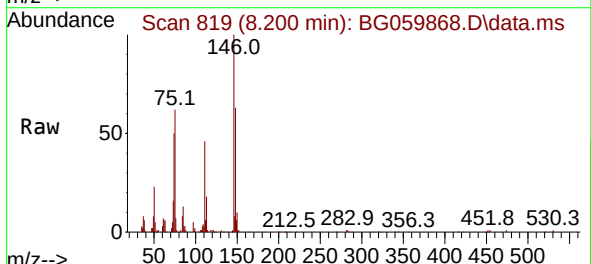
Manual Integrations
APPROVED

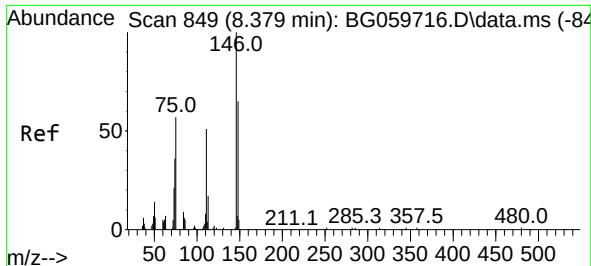
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#12
1,3-Dichlorobenzene
Concen: 50.909 ng
RT: 8.200 min Scan# 819
Delta R.T. -0.009 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Tgt Ion:146 Resp: 111884
Ion Ratio Lower Upper
146 100
148 62.5 53.9 80.9
75 62.4 47.5 71.3





#13

1,4-Dichlorobenzene

Concen: 52.030 ng

RT: 8.359 min Scan# 84

Delta R.T. -0.003 min

Lab File: BG059868.D

Acq: 24 Nov 2023 21:44

Instrument :

BNA_G

ClientSampleId :

WC-SED-04MSD

Tgt Ion:146 Resp: 114829

Ion Ratio Lower Upper

146 100

148 69.7 52.3 78.5

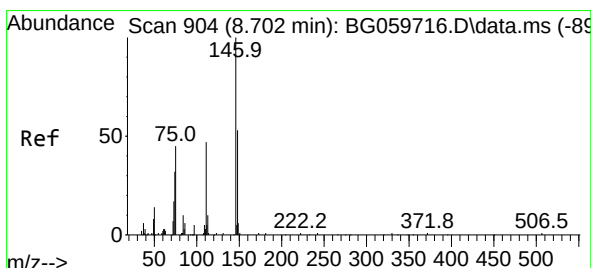
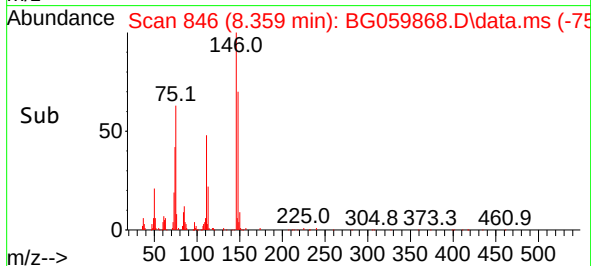
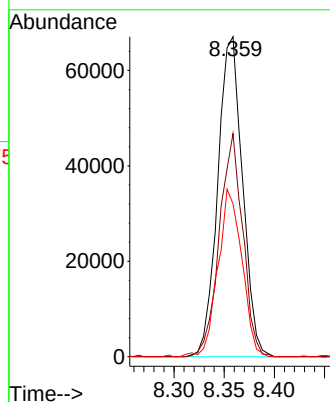
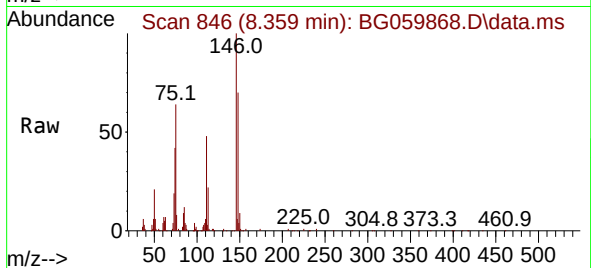
111 47.8 41.2 61.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/28/2023



#14

1,2-Dichlorobenzene

Concen: 53.150 ng

RT: 8.676 min Scan# 900

Delta R.T. -0.003 min

Lab File: BG059868.D

Acq: 24 Nov 2023 21:44

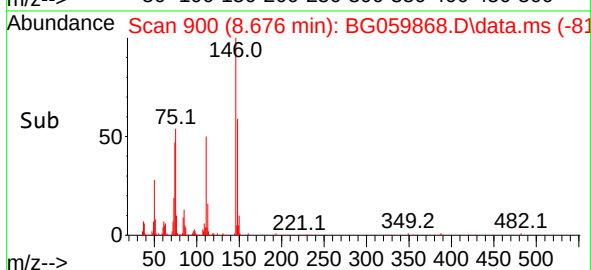
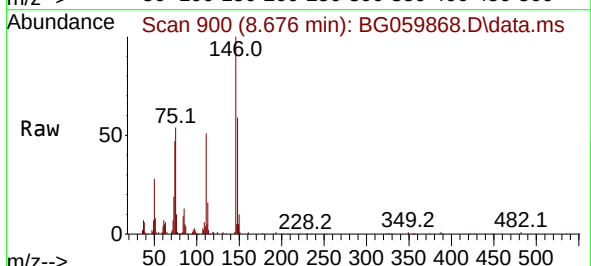
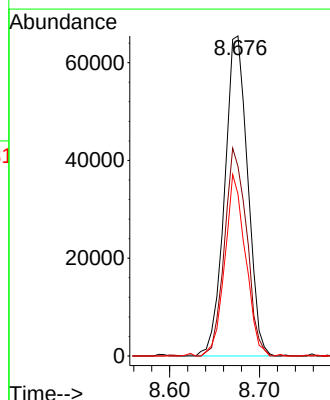
Tgt Ion:146 Resp: 116538

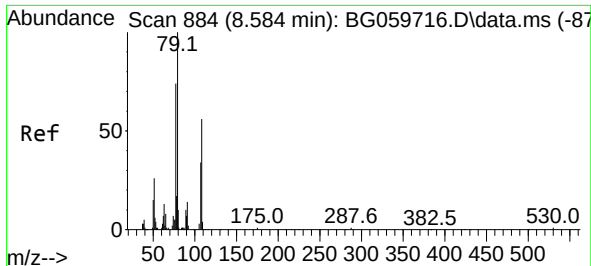
Ion Ratio Lower Upper

146 100

148 59.3 43.1 64.7

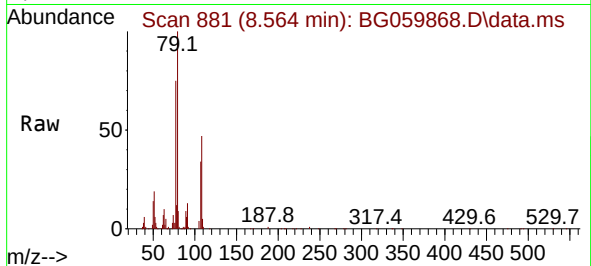
111 50.6 38.3 57.5





#15
Benzyl Alcohol
Concen: 55.788 ng
RT: 8.564 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

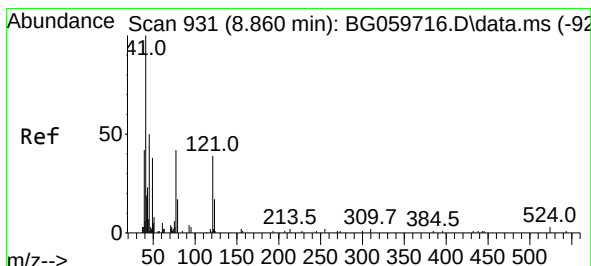
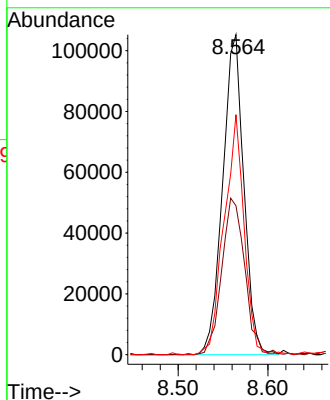
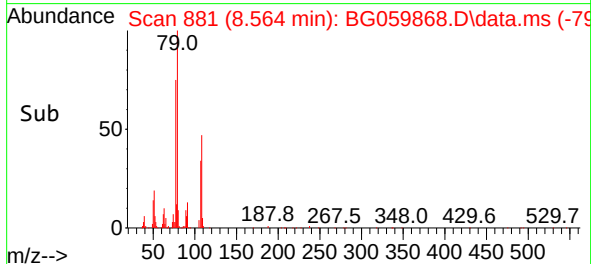
Instrument :
BNA_G
ClientSampleId :
WC-SED-04MSD



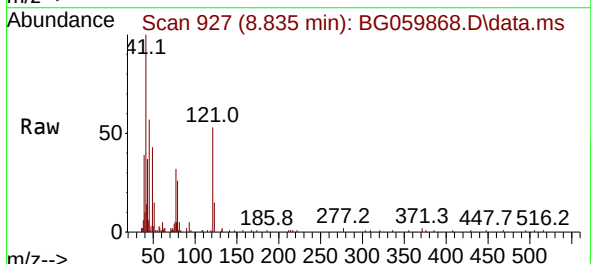
Tgt Ion: 79 Resp: 171936
Ion Ratio Lower Upper
79 100
108 46.6 45.4 68.2
77 75.0 59.4 89.2

Manual Integrations
APPROVED

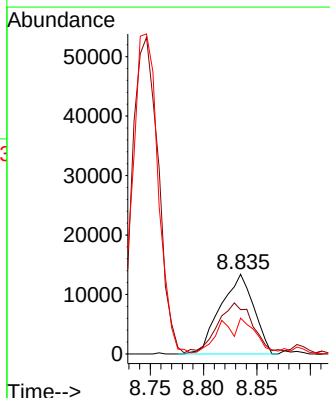
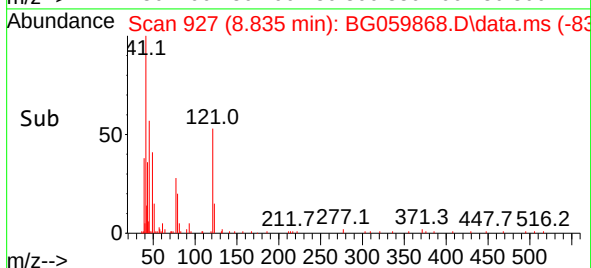
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

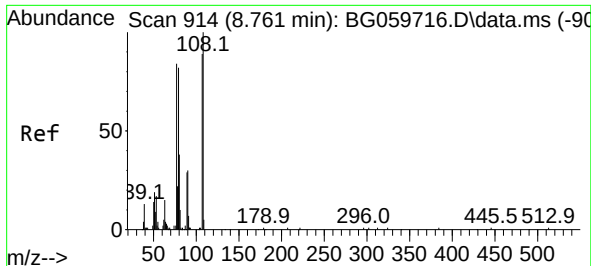


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.742 ng
RT: 8.835 min Scan# 927
Delta R.T. -0.009 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44



Tgt Ion: 45 Resp: 29182
Ion Ratio Lower Upper
45 100
77 55.6 63.6 103.6#
79 45.0 19.6 59.6





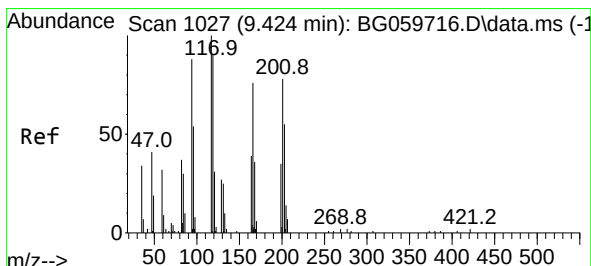
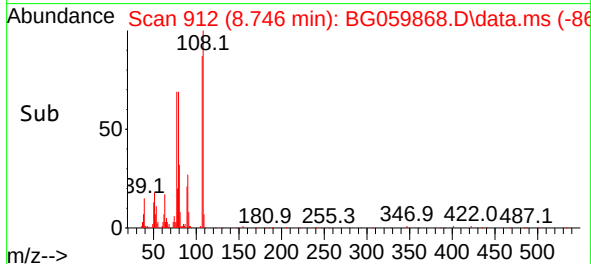
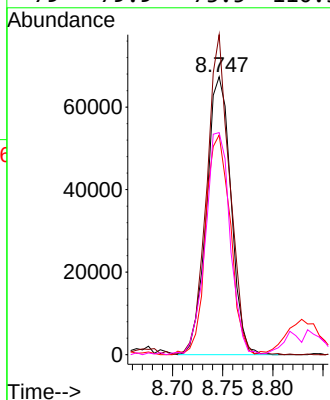
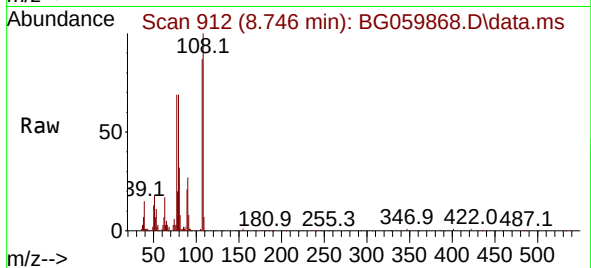
#17
2-Methylphenol
Concen: 55.574 ng
RT: 8.746 min Scan# 914
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Instrument :
BNA_G
ClientSampleId :
WC-SED-04MSD

Tgt Ion:	107	Resp:	114020
Ion Ratio	Lower	Upper	
107	100		
108	115.2	90.0	135.0
77	79.1	76.5	114.7
79	79.9	73.5	110.3

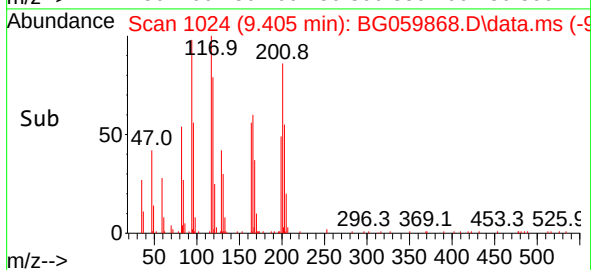
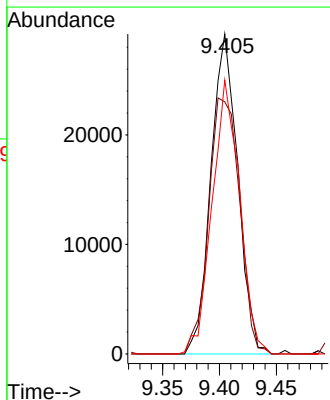
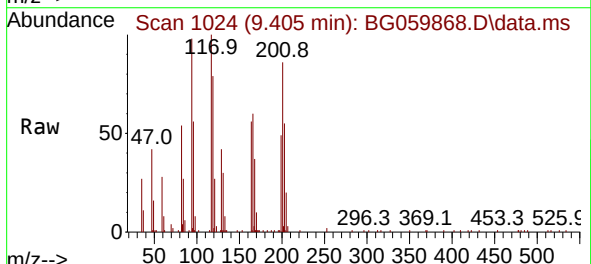
Manual Integrations
APPROVED

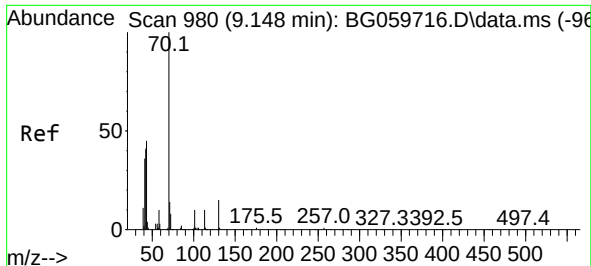
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#18
Hexachloroethane
Concen: 51.312 ng
RT: 9.405 min Scan# 1024
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Tgt Ion:	117	Resp:	48065
Ion Ratio	Lower	Upper	
117	100		
119	78.8	71.8	107.8
201	85.6	62.2	93.4





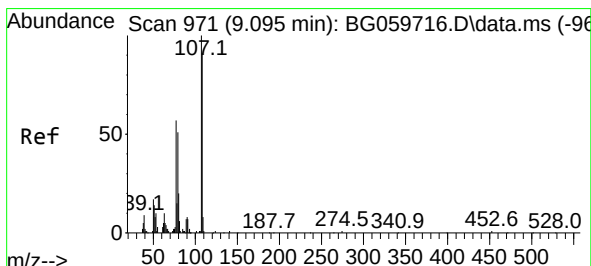
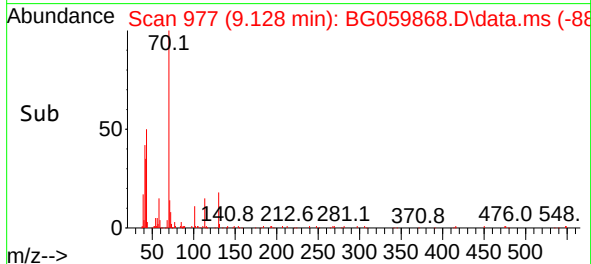
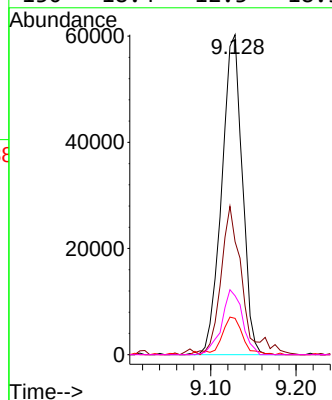
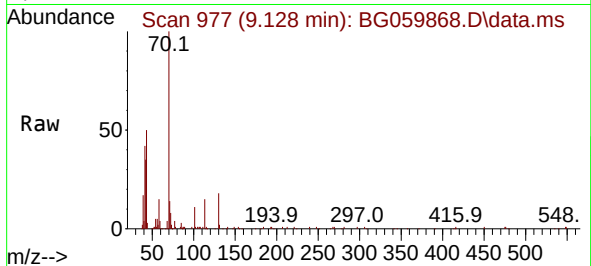
#19
n-Nitroso-di-n-propylamine
Concen: 47.387 ng
RT: 9.128 min Scan# 911
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Instrument :
BNA_G
ClientSampleId :
WC-SED-04MSD

Tgt Ion: 70 Resp: 10085
Ion Ratio Lower Upper
70 100
42 35.3 32.8 49.2
101 11.3 7.7 11.5
130 18.4 12.3 18.5

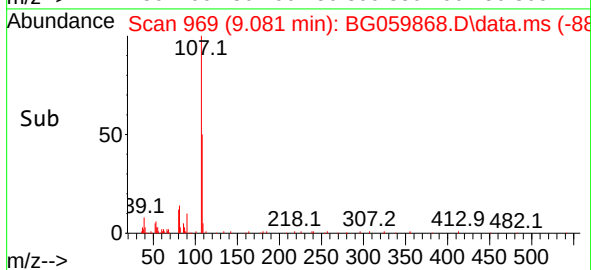
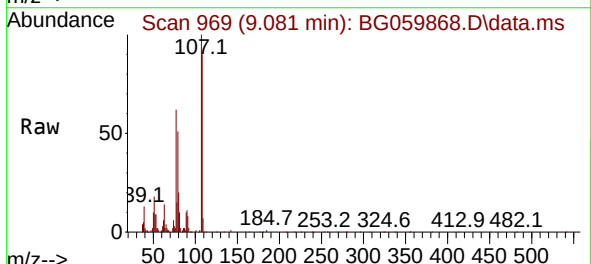
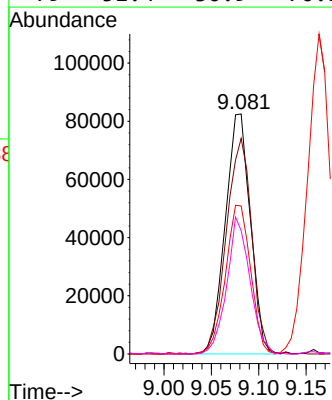
Manual Integrations
APPROVED

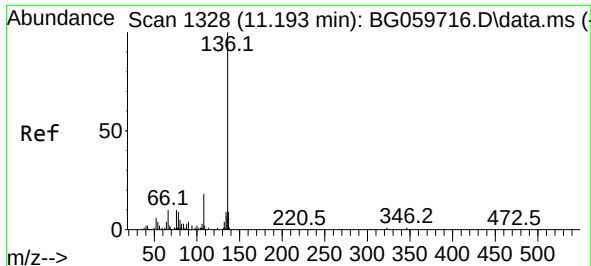
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#20
3+4-Methylphenols
Concen: 53.211 ng
RT: 9.081 min Scan# 969
Delta R.T. -0.009 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Tgt Ion:107 Resp: 151558
Ion Ratio Lower Upper
107 100
108 89.8 71.1 111.1
77 61.7 37.5 77.5
79 51.4 30.9 70.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 111
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Instrument :

BNA_G

ClientSampleId :

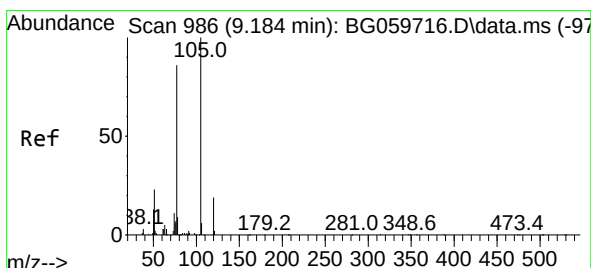
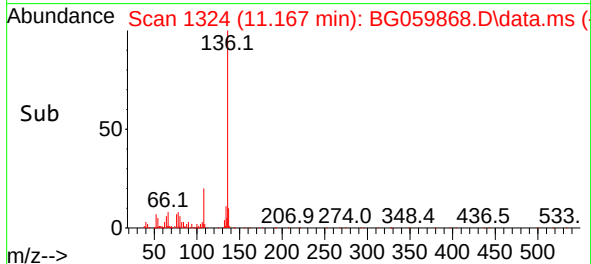
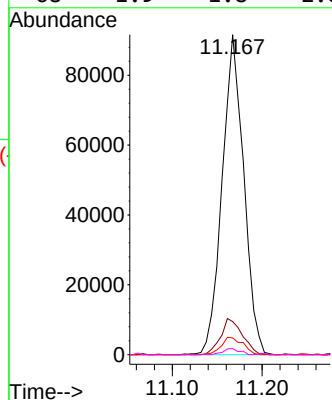
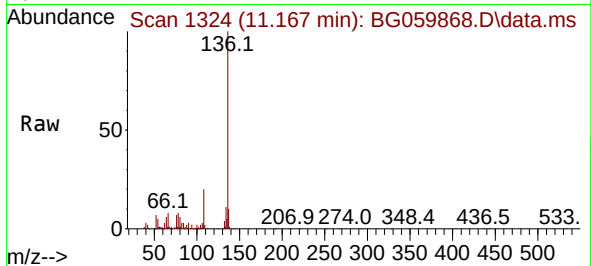
WC-SED-04MSD

Tgt Ion:136 Resp: 152963
Ion Ratio Lower Upper
136 100
137 10.3 7.4 11.0
54 5.3 3.1 4.7
68 1.9 1.8 2.8

Manual Integrations

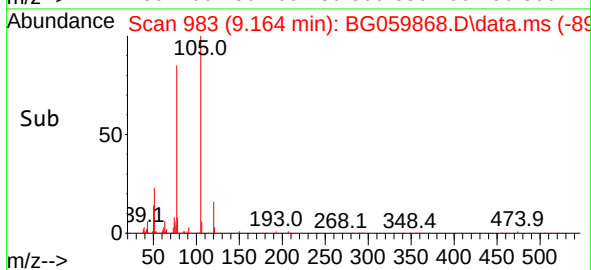
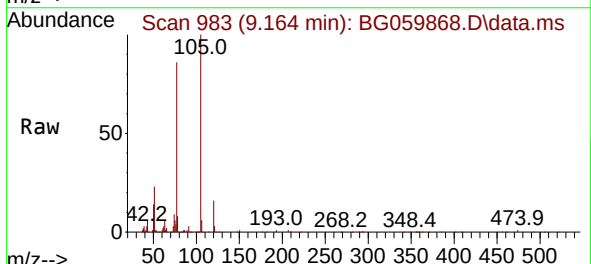
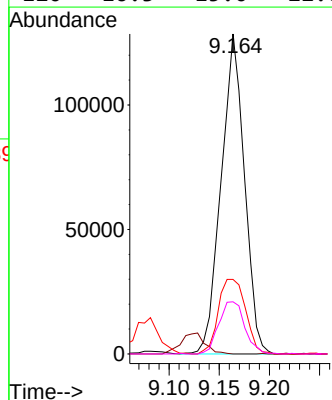
APPROVED

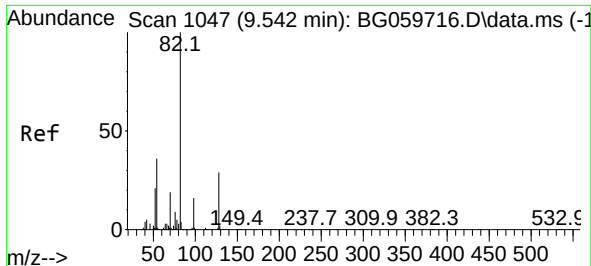
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#22
Acetophenone
Concen: 47.865 ng
RT: 9.164 min Scan# 983
Delta R.T. -0.009 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Tgt Ion:105 Resp: 207279
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 23.3 18.4 27.6
120 16.3 15.0 22.6





#23
Nitrobenzene-d5
Concen: 52.322 ng
RT: 9.516 min Scan# 1043
Delta R.T. -0.009 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Instrument :

BNA_G

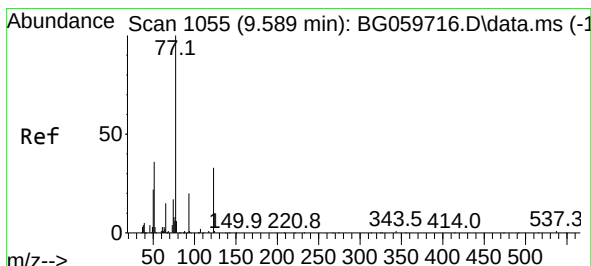
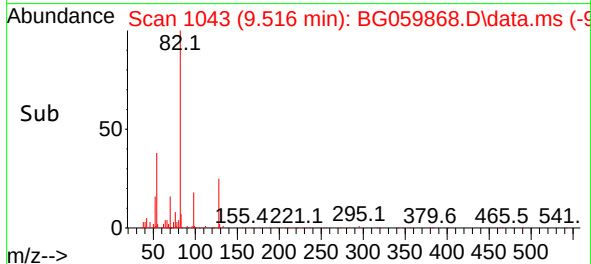
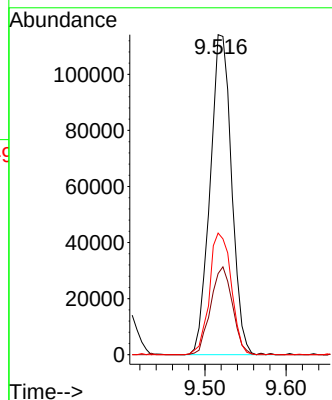
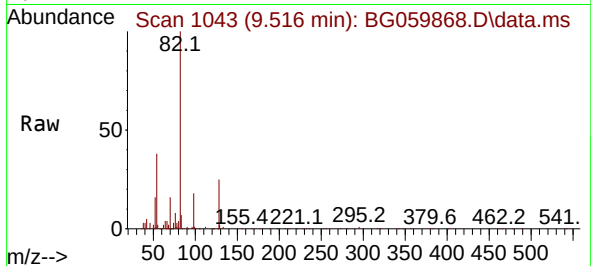
ClientSampleId :

WC-SED-04MSD

Tgt Ion: 82 Resp: 20955
Ion Ratio Lower Upper
82 100
128 25.4 23.0 34.6
54 38.0 28.7 43.1

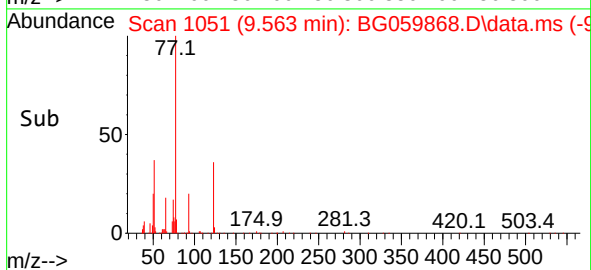
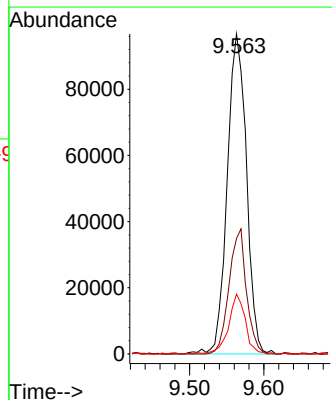
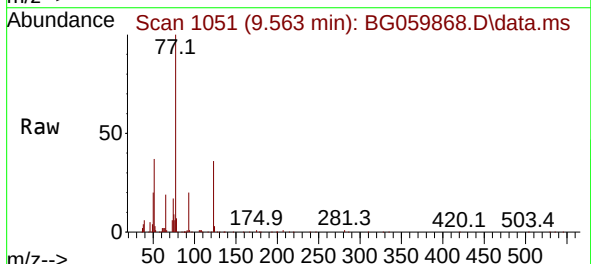
Manual Integrations
APPROVED

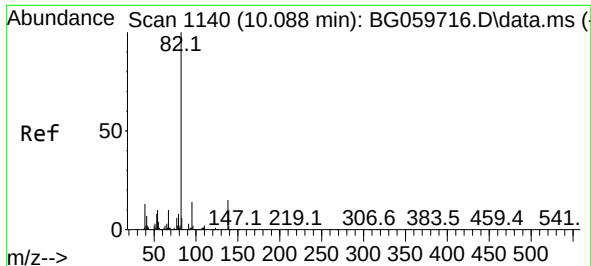
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#24
Nitrobenzene
Concen: 47.205 ng
RT: 9.563 min Scan# 1051
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Tgt Ion: 77 Resp: 174122
Ion Ratio Lower Upper
77 100
123 36.1 26.1 39.1
65 18.7 12.1 18.1#





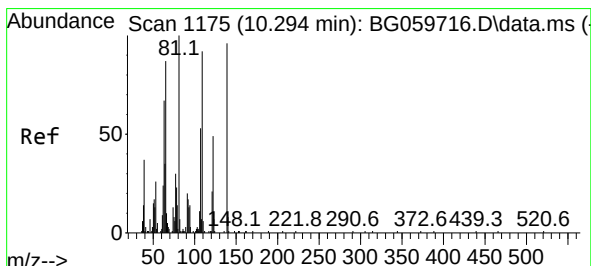
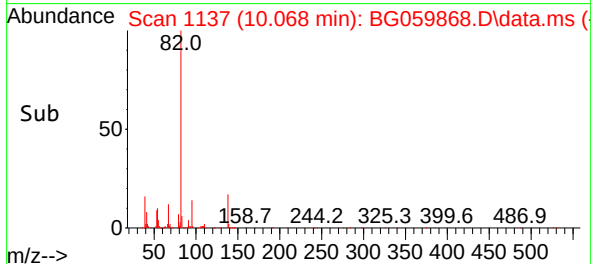
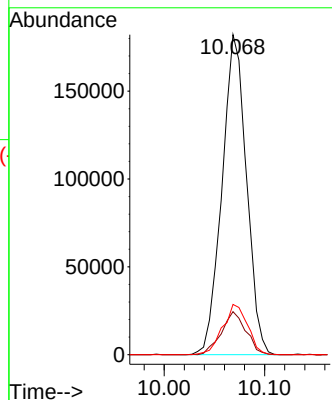
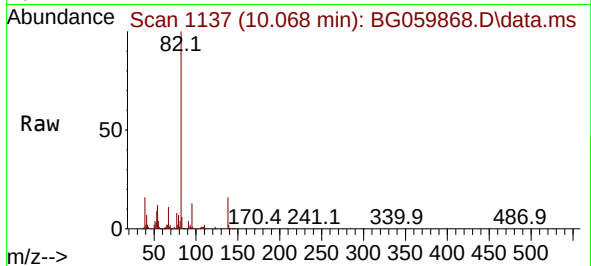
#25
Isophorone
Concen: 45.774 ng
RT: 10.068 min Scan# 1137
Delta R.T. -0.009 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Instrument :
BNA_G
ClientSampleId :
WC-SED-04MSD

Tgt Ion: 82 Resp: 307774
Ion Ratio Lower Upper
82 100
95 13.5 11.4 17.0
138 15.7 12.1 18.1

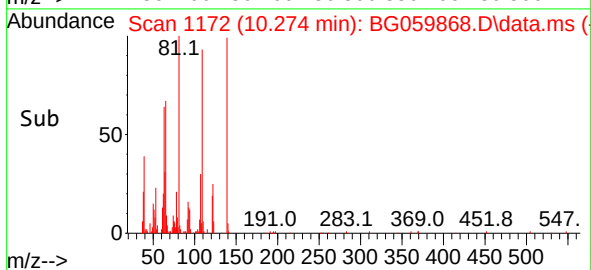
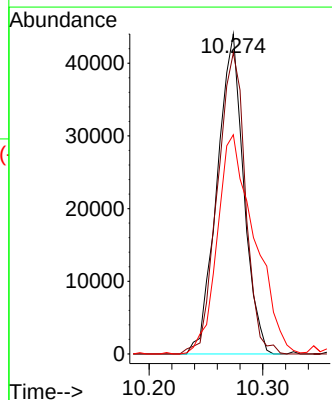
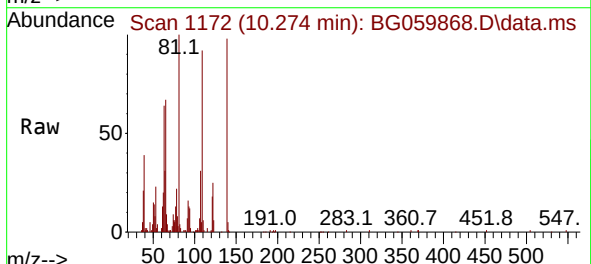
Manual Integrations
APPROVED

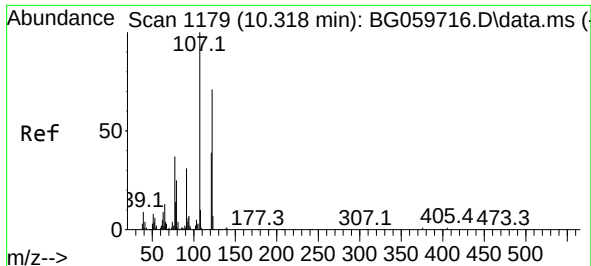
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#26
2-Nitrophenol
Concen: 52.937 ng
RT: 10.274 min Scan# 1172
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

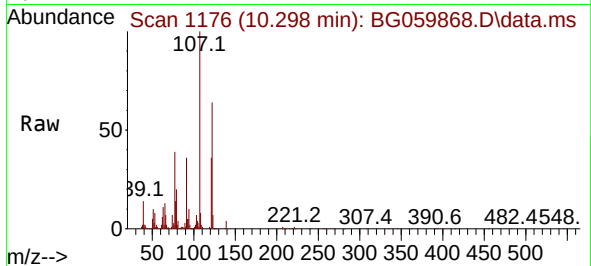
Tgt Ion:139 Resp: 71588
Ion Ratio Lower Upper
139 100
109 94.1 76.7 115.1
65 68.5 72.1 108.1#





#27
2,4-Dimethylphenol
Concen: 43.555 ng
RT: 10.298 min Scan# 1179
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

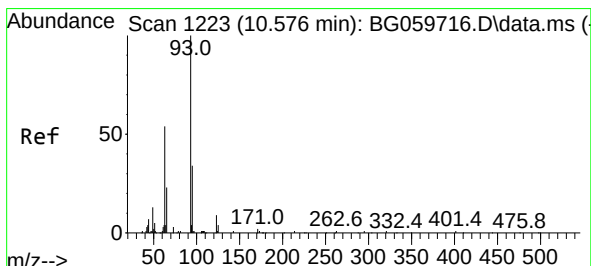
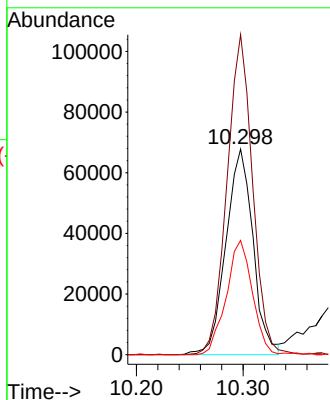
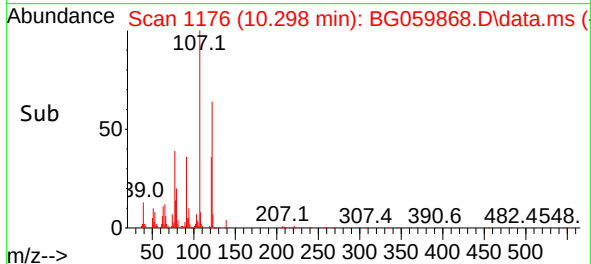
Instrument :
BNA_G
ClientSampleId :
WC-SED-04MSD



Tgt Ion:122 Resp: 119759
Ion Ratio Lower Upper
122 100
107 155.6 112.1 168.1
121 55.5 43.2 64.8

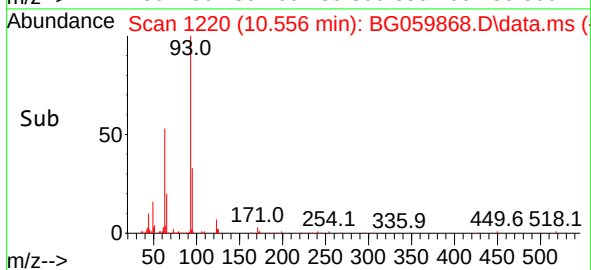
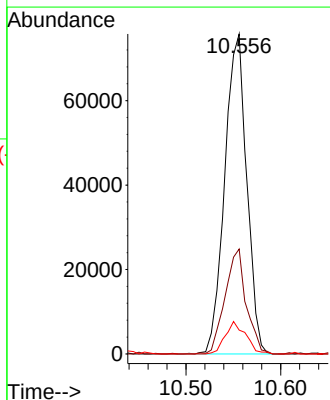
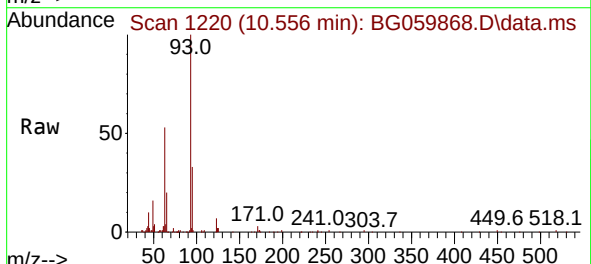
Manual Integrations
APPROVED

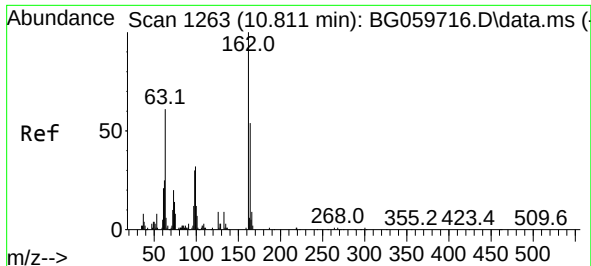
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#28
bis(2-Chloroethoxy)methane
Concen: 48.388 ng
RT: 10.556 min Scan# 1220
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Tgt Ion: 93 Resp: 122262
Ion Ratio Lower Upper
93 100
95 32.8 27.0 40.6
123 7.5 7.6 11.4#





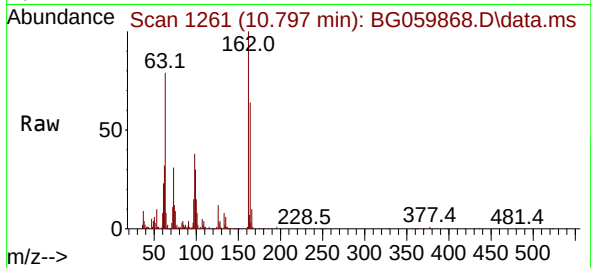
#29
2,4-Dichlorophenol
Concen: 55.437 ng
RT: 10.797 min Scan# 1261
Delta R.T. -0.009 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Instrument :

BNA_G

ClientSampleId :

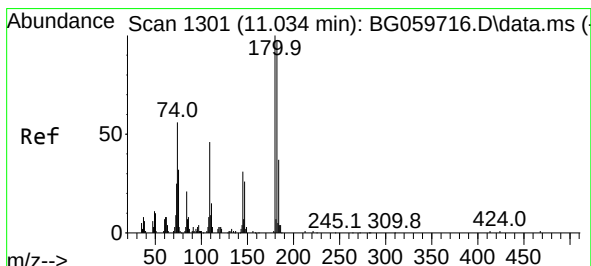
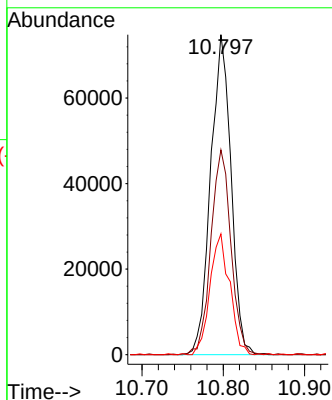
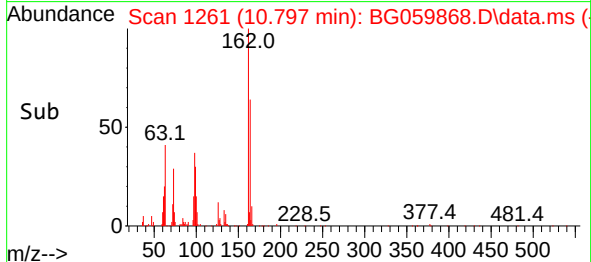
WC-SED-04MSD



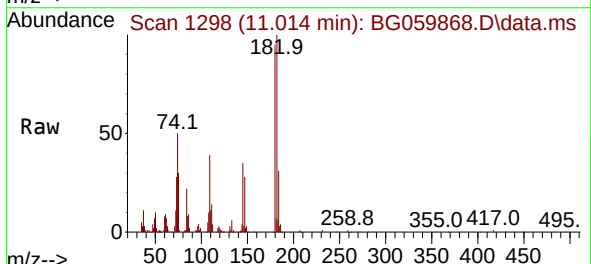
Tgt Ion:162 Resp: 130139
Ion Ratio Lower Upper
162 100
164 64.0 33.6 73.6
98 37.8 10.7 50.7

Manual Integrations
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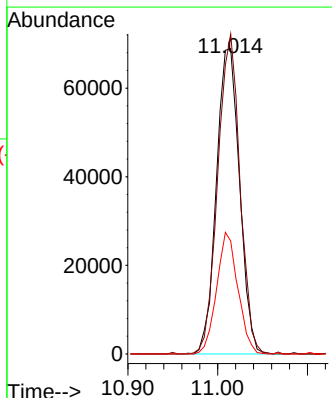
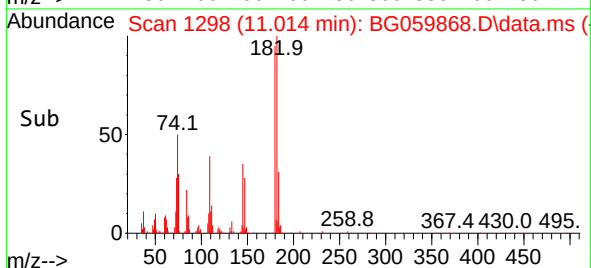
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

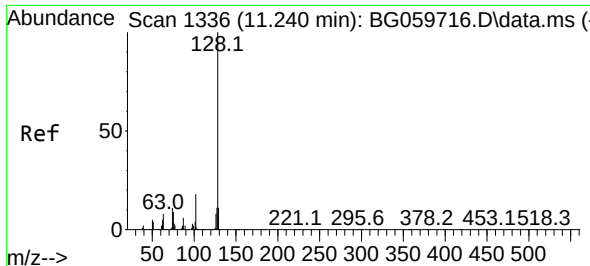


#30
1,2,4-Trichlorobenzene
Concen: 52.071 ng
RT: 11.014 min Scan# 1298
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44



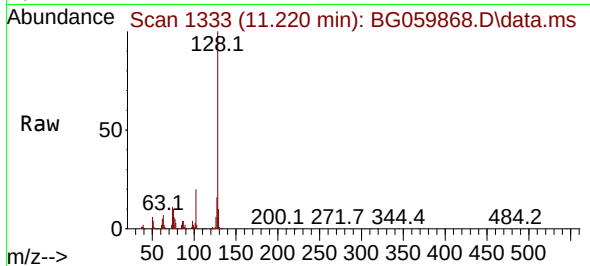
Tgt Ion:180 Resp: 123539
Ion Ratio Lower Upper
180 100
182 104.8 77.4 116.2
145 37.0 24.4 36.6#





#31
Naphthalene
Concen: 49.544 ng
RT: 11.220 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

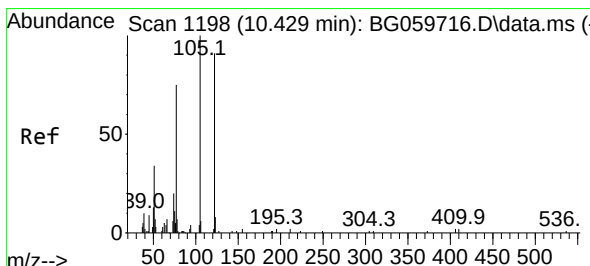
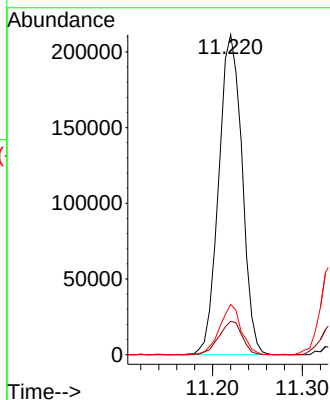
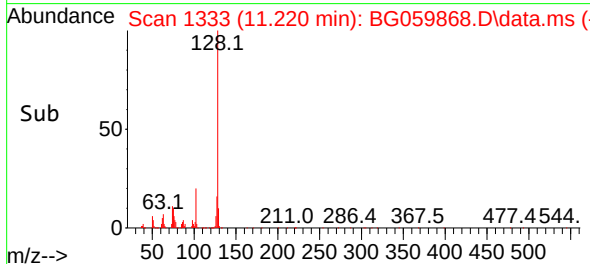
Instrument :
BNA_G
ClientSampleId :
WC-SED-04MSD



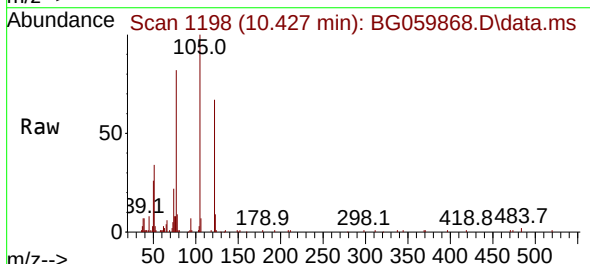
Tgt Ion:128 Resp: 381070
Ion Ratio Lower Upper
128 100
129 10.4 8.7 13.1
127 15.7 9.2 13.8

Manual Integrations
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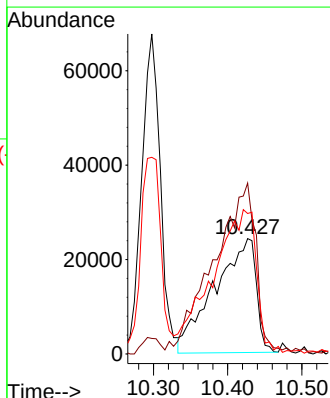
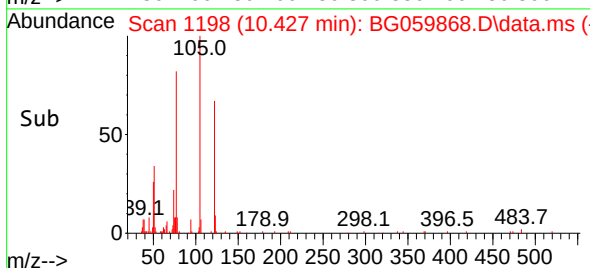
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

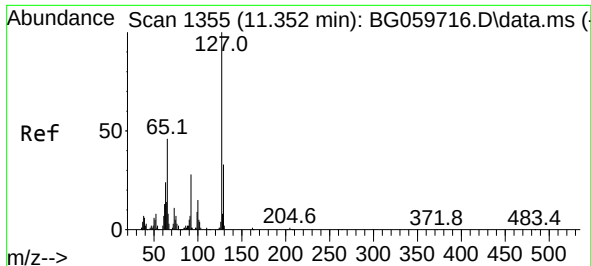


#32
Benzoic acid
Concen: 50.232 ng
RT: 10.427 min Scan# 1198
Delta R.T. -0.015 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44



Tgt Ion:122 Resp: 93995
Ion Ratio Lower Upper
122 100
105 148.2 103.7 143.7#
77 121.8 82.3 122.3





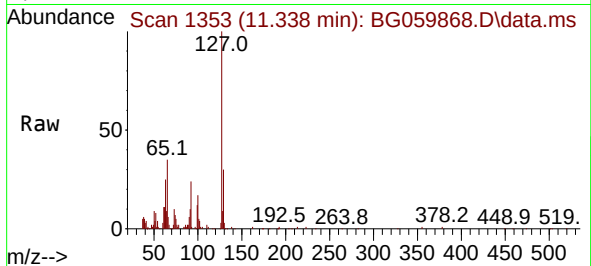
#33
4-Chloroaniline
Concen: 37.720 ng
RT: 11.338 min Scan# 11338
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Instrument :

BNA_G

ClientSampleId :

WC-SED-04MSD



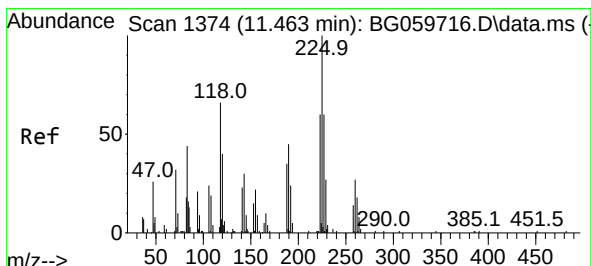
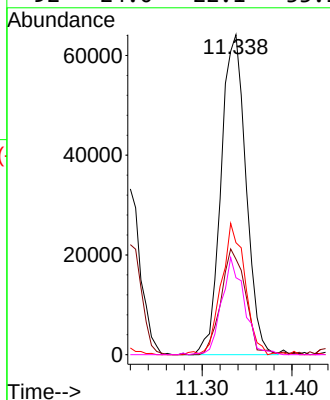
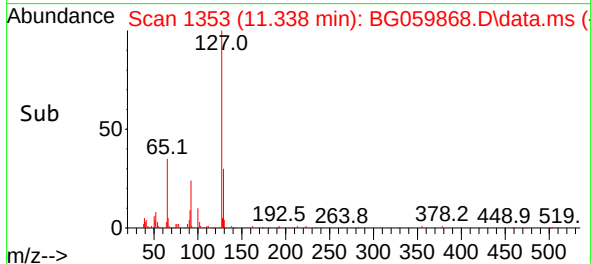
Tgt Ion:	127	Resp:	12340
Ion Ratio	Lower	Upper	
127	100		
129	29.8	26.8	40.2
65	35.0	36.5	54.7
92	24.0	22.1	33.1

Manual Integrations

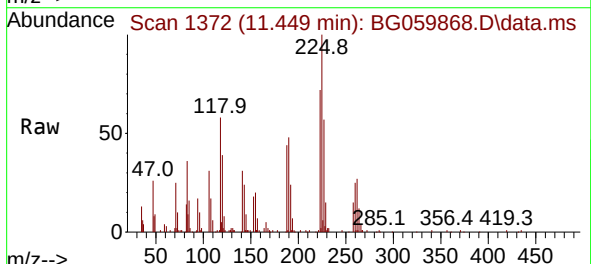
APPROVED

Reviewed By :Yogesh Patel 11/27/2023

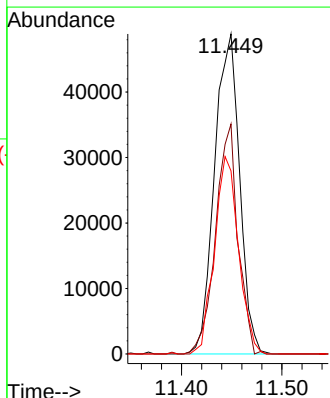
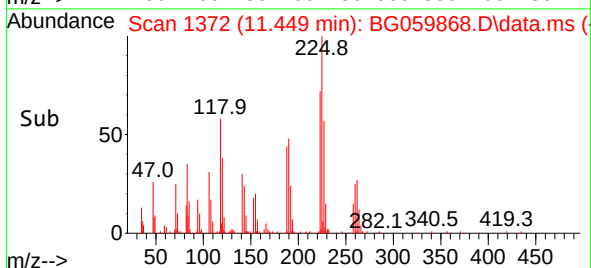
Supervised By :mohammad ahmed 11/28/2023

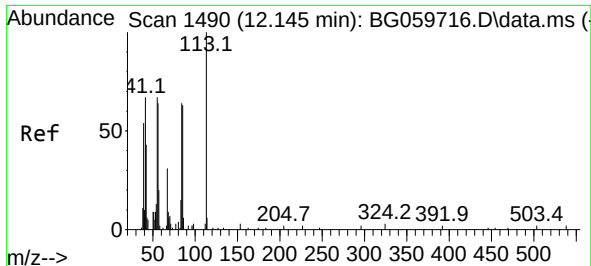


#34
Hexachlorobutadiene
Concen: 52.380 ng
RT: 11.449 min Scan# 1372
Delta R.T. 0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44



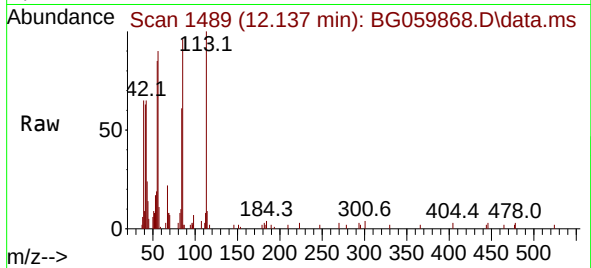
Tgt Ion:	225	Resp:	84577
Ion Ratio	Lower	Upper	
225	100		
223	71.9	46.6	69.8
227	57.2	48.2	72.2





#35
Caprolactam
Concen: 48.018 ng m
RT: 12.137 min Scan# 1490
Delta R.T. -0.009 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

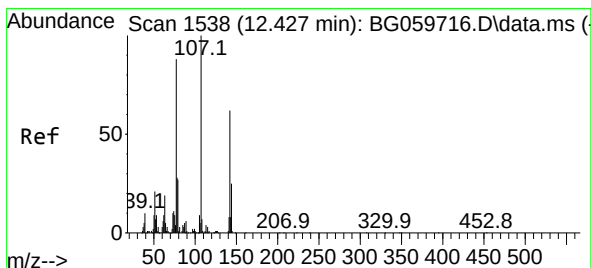
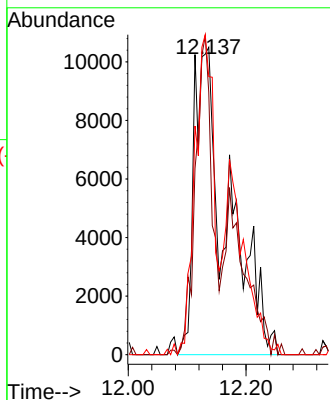
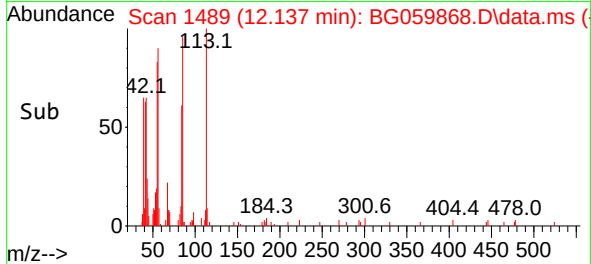
Instrument :
BNA_G
ClientSampleId :
WC-SED-04MSD



Tgt Ion:113 Resp: 4119
Ion Ratio Lower Upper
113 100
55 85.4 47.1 87.1
56 90.5 43.7 83.7

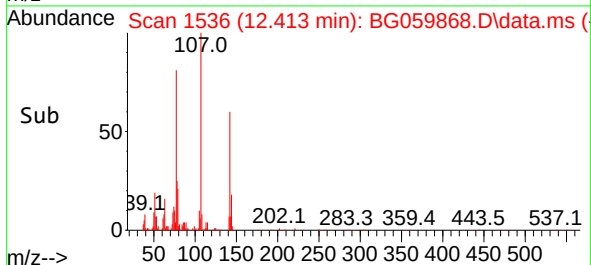
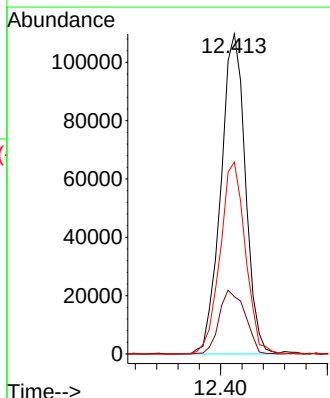
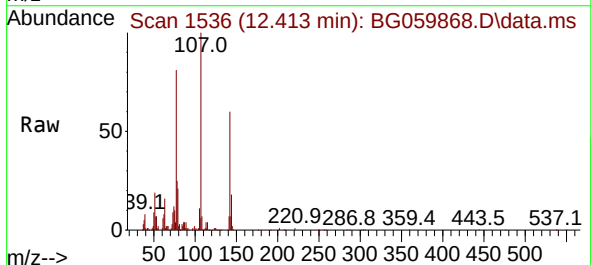
Manual Integrations
APPROVED

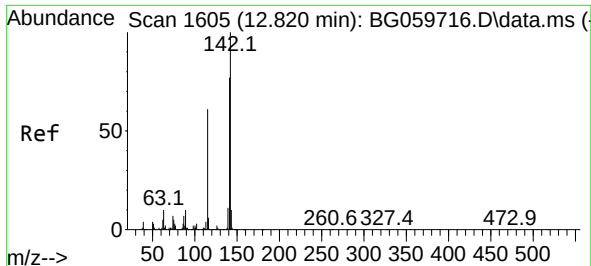
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#36
4-Chloro-3-methylphenol
Concen: 56.102 ng
RT: 12.413 min Scan# 1536
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Tgt Ion:107 Resp: 175154
Ion Ratio Lower Upper
107 100
144 17.9 20.2 30.4#
142 60.0 49.4 74.0





#37
2-Methylnaphthalene
Concen: 47.886 ng
RT: 12.801 min Scan# 1639
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Instrument :

BNA_G

ClientSampleId :

WC-SED-04MSD

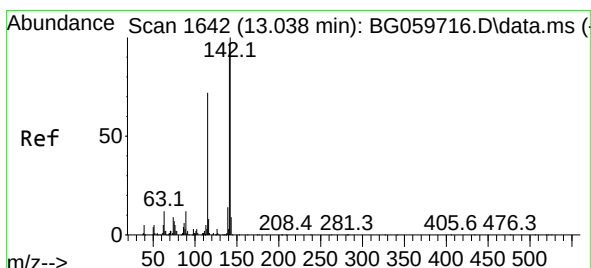
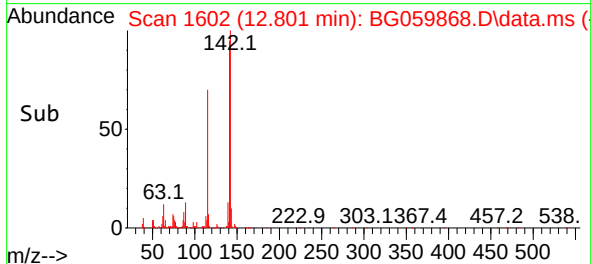
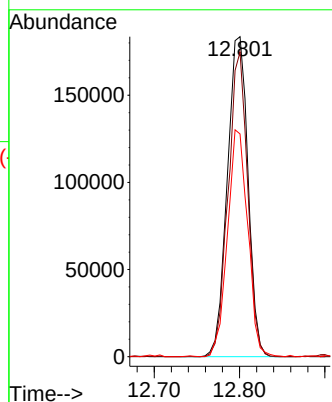
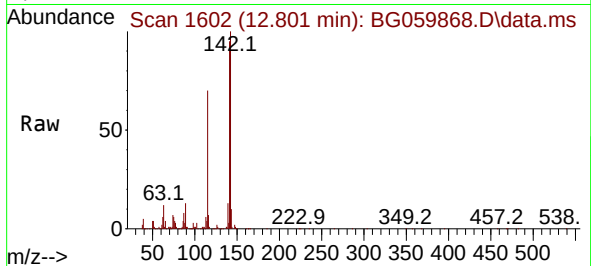
Tgt Ion:142 Resp: 31020
Ion Ratio Lower Upper
142 100
141 95.2 61.9 92.9
115 69.6 49.0 73.4

Manual Integrations

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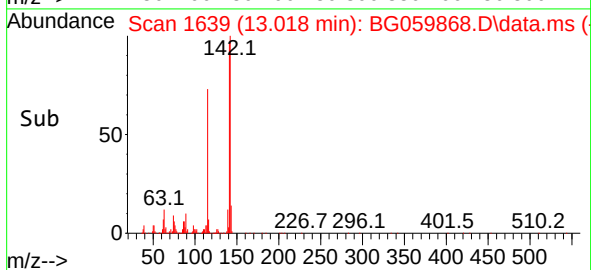
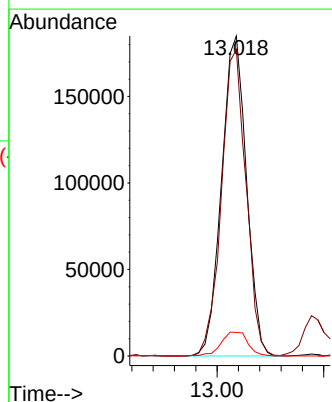
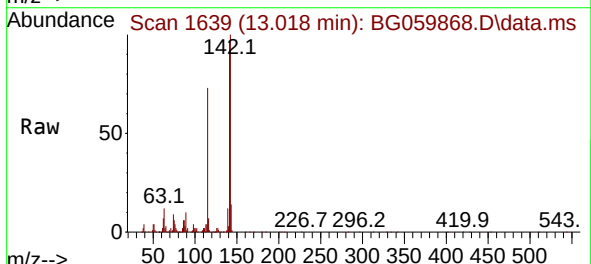
Reviewed By :Yogesh Patel 11/27/2023

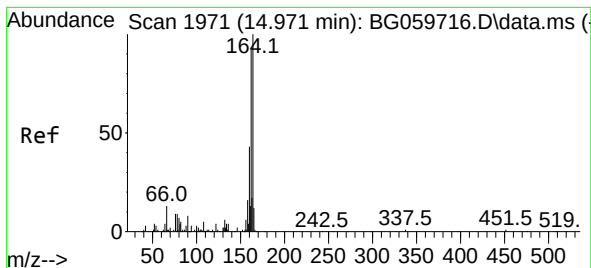
Supervised By :mohammad ahmed 11/28/2023



#38
1-Methylnaphthalene
Concen: 50.153 ng
RT: 13.018 min Scan# 1639
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

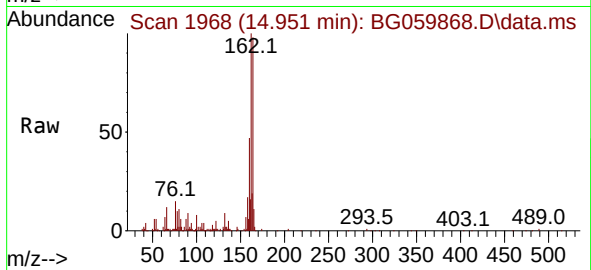
Tgt Ion:142 Resp: 299614
Ion Ratio Lower Upper
142 100
141 95.8 77.8 116.8
116 7.4 6.2 9.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.951 min Scan# 1971
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

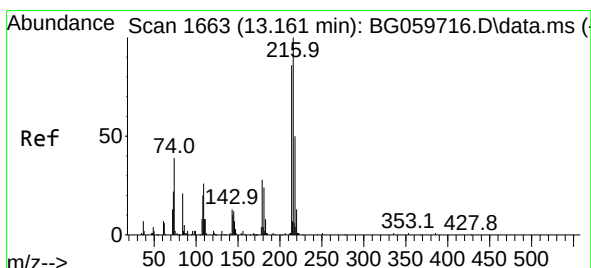
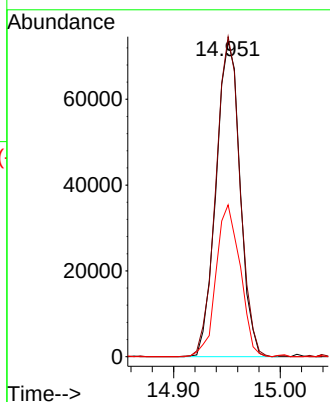
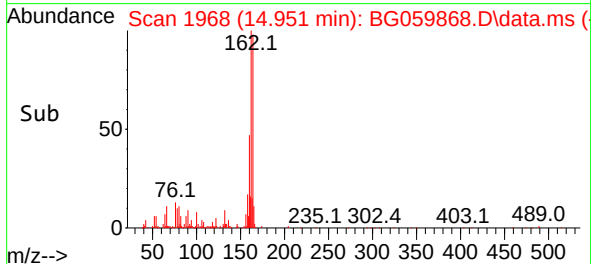
Instrument :
BNA_G
ClientSampleId :
WC-SED-04MSD



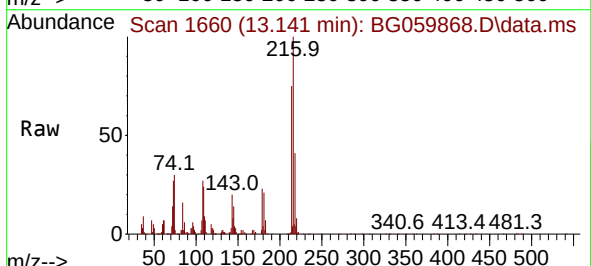
Tgt Ion:164 Resp: 114639
Ion Ratio Lower Upper
164 100
162 101.6 73.3 109.9
160 48.2 34.1 51.1

Manual Integrations
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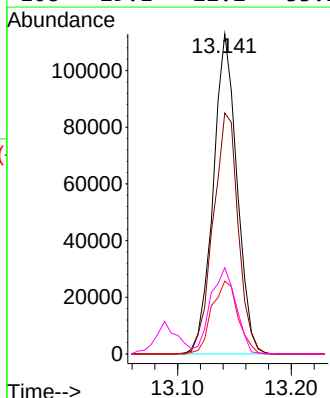
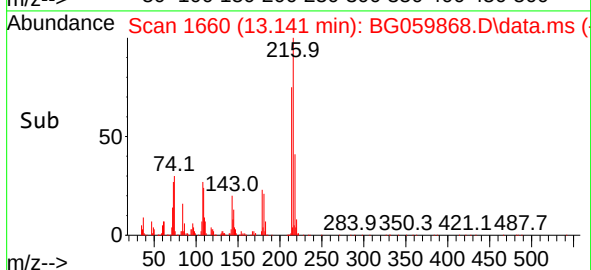
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

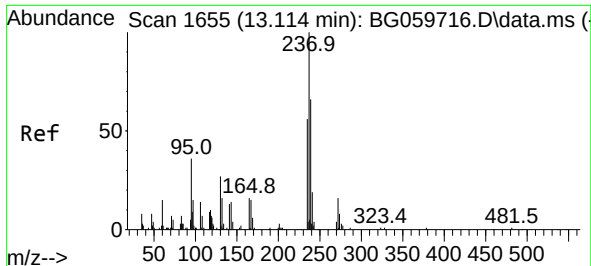


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.930 ng
RT: 13.141 min Scan# 1660
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44



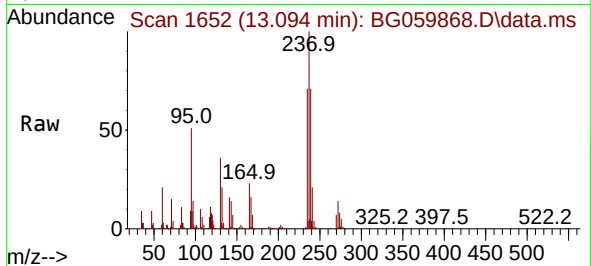
Tgt Ion:216 Resp: 163873
Ion Ratio Lower Upper
216 100
214 79.4 61.0 91.4
179 25.1 20.2 30.2
108 29.1 22.2 33.2





#41
Hexachlorocyclopentadiene
Concen: 103.385 ng
RT: 13.094 min Scan# 1652
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

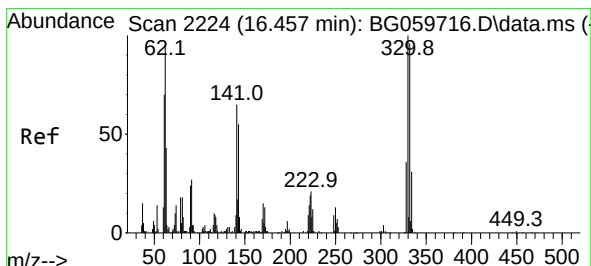
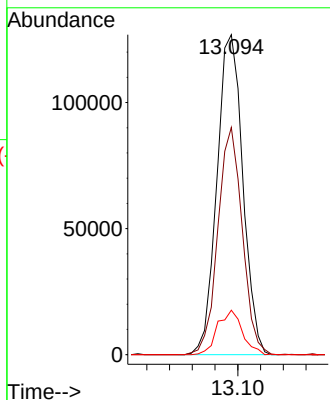
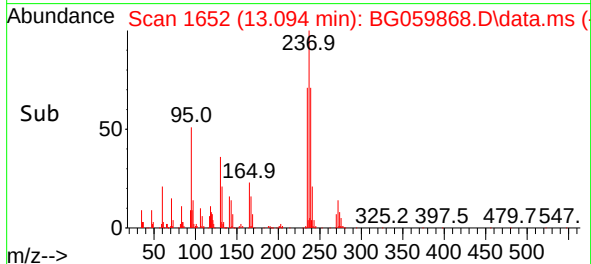
Instrument :
BNA_G
ClientSampleId :
WC-SED-04MSD



Tgt Ion:237 Resp: 200779
Ion Ratio Lower Upper
237 100
235 71.0 36.0 76.0
272 13.9 0.0 36.5

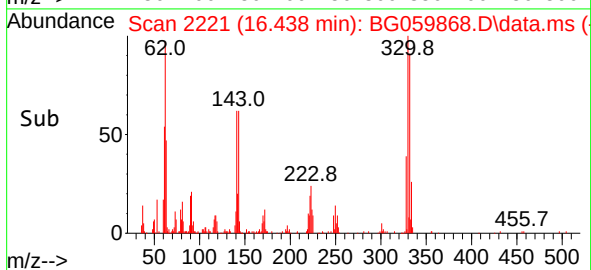
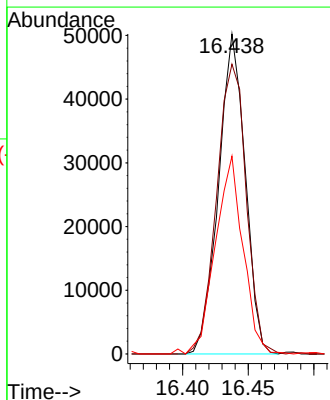
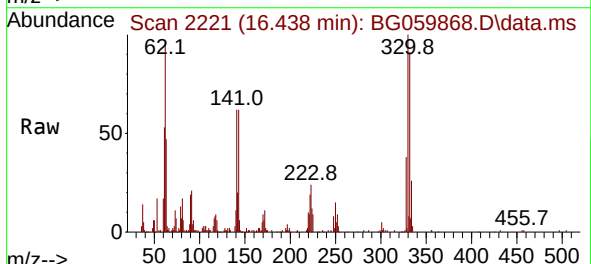
Manual Integrations
APPROVED

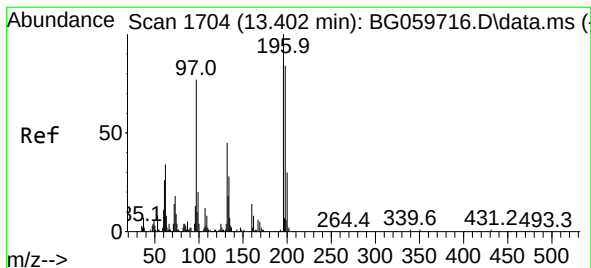
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#42
2,4,6-Tribromophenol
Concen: 54.482 ng
RT: 16.438 min Scan# 2221
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Tgt Ion:330 Resp: 70866
Ion Ratio Lower Upper
330 100
332 100.3 73.3 109.9
141 64.4 52.1 78.1





#43

2,4,6-Trichlorophenol

Concen: 55.122 ng

RT: 13.382 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG059868.D

Acq: 24 Nov 2023 21:44

Instrument :

BNA_G

ClientSampleId :

WC-SED-04MSD

Tgt Ion:196 Resp: 11867

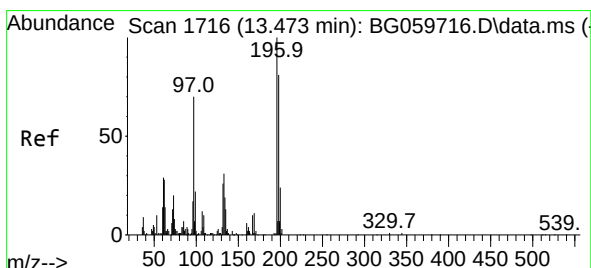
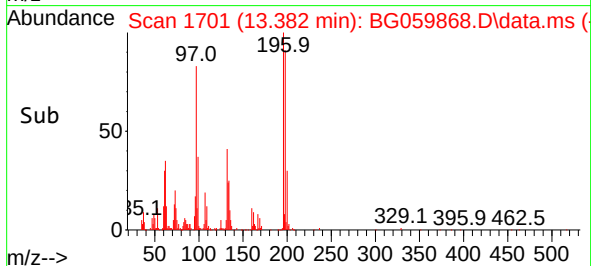
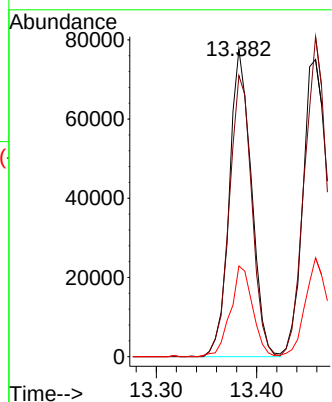
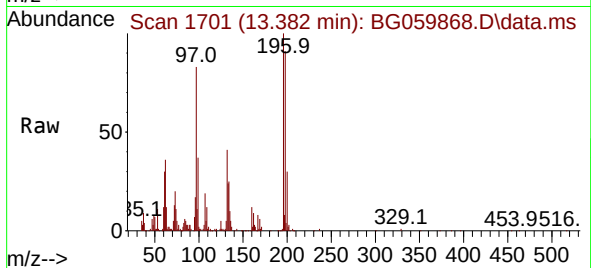
Ion	Ratio	Lower	Upper
196	100		
198	91.4	67.6	101.4
200	29.5	24.4	36.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/28/2023



#44

2,4,5-Trichlorophenol

Concen: 49.603 ng

RT: 13.459 min Scan# 1714

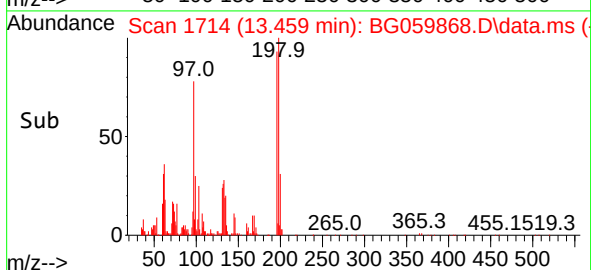
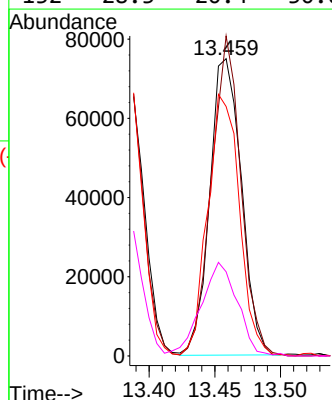
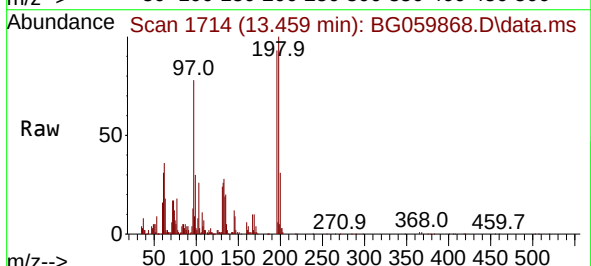
Delta R.T. -0.003 min

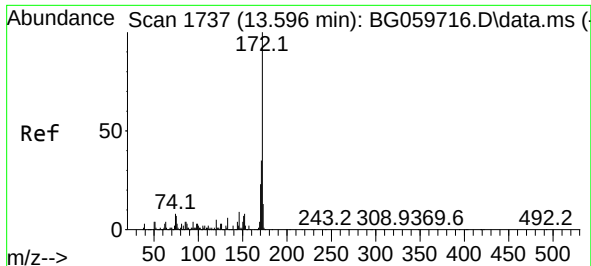
Lab File: BG059868.D

Acq: 24 Nov 2023 21:44

Tgt Ion:196 Resp: 125481

Ion	Ratio	Lower	Upper
196	100		
198	107.7	66.7	100.1#
97	83.9	55.9	83.9#
132	28.3	20.4	30.6





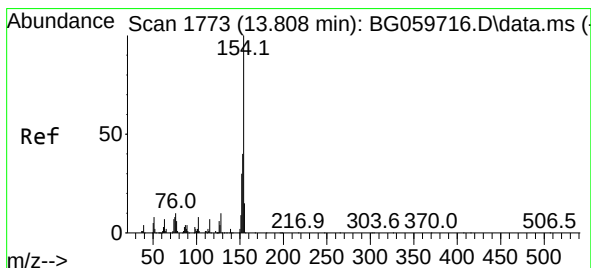
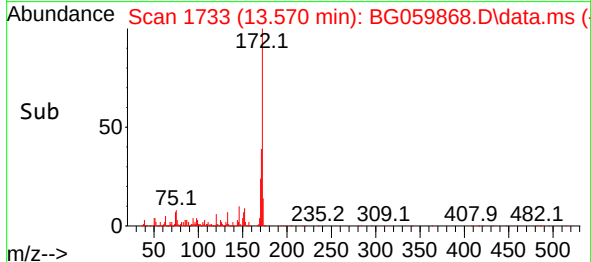
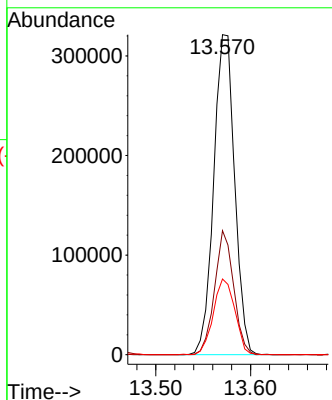
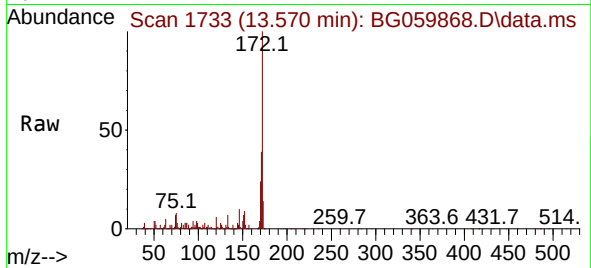
#45
2-Fluorobiphenyl
Concen: 58.004 ng
RT: 13.570 min Scan# 1733
Delta R.T. -0.009 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Instrument :
BNA_G
ClientSampleId :
WC-SED-04MSD

Tgt Ion:172 Resp: 494000
Ion Ratio Lower Upper
172 100
171 38.8 27.7 41.5
170 23.7 18.4 27.6

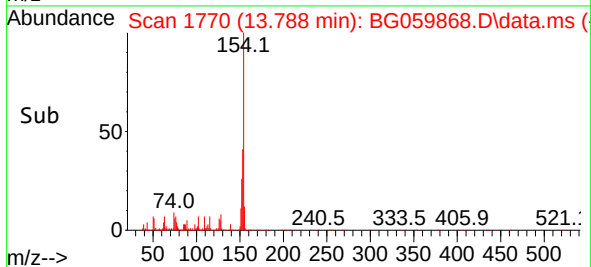
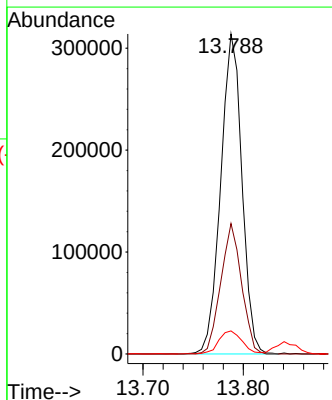
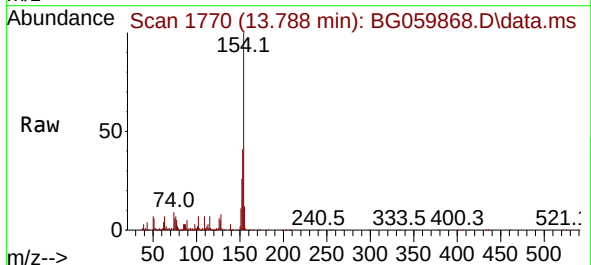
Manual Integrations
APPROVED

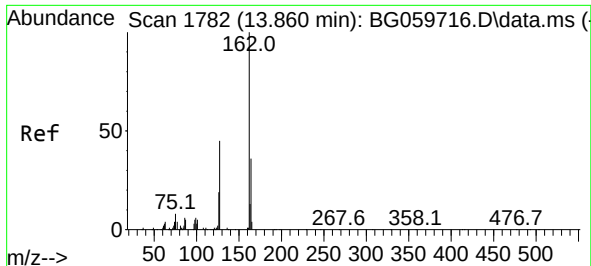
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#46
1,1'-Biphenyl
Concen: 51.152 ng
RT: 13.788 min Scan# 1770
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Tgt Ion:154 Resp: 460277
Ion Ratio Lower Upper
154 100
153 40.7 19.7 59.7
76 7.2 0.0 30.4





#47

2-Chloronaphthalene

Concen: 53.056 ng

RT: 13.841 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG059868.D

Acq: 24 Nov 2023 21:44

Instrument :

BNA_G

ClientSampleId :

WC-SED-04MSD

Tgt Ion:162 Resp: 328040

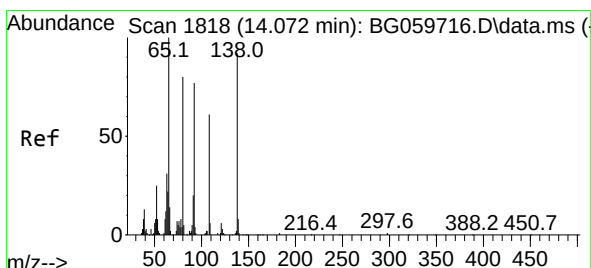
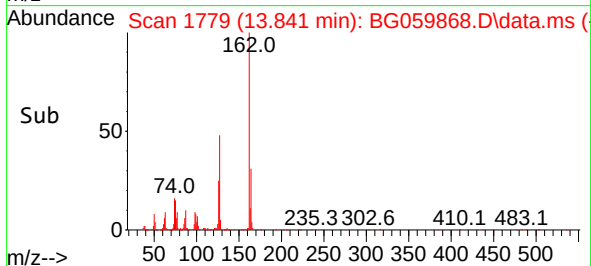
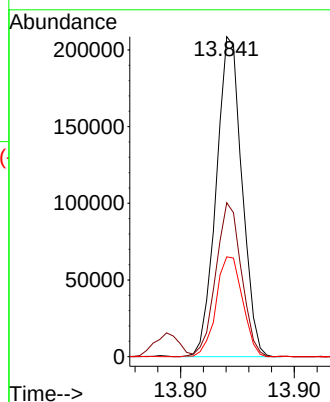
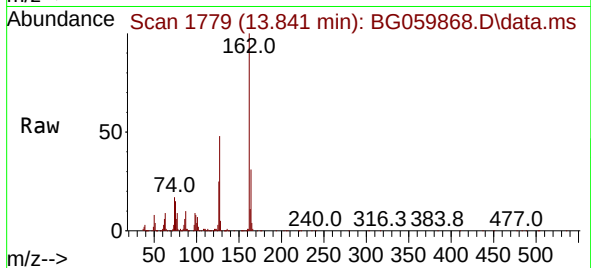
Ion	Ratio	Lower	Upper
162	100		
127	48.1	41.0	61.6
164	31.2	28.9	43.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/28/2023



#48

2-Nitroaniline

Concen: 55.057 ng

RT: 14.058 min Scan# 1816

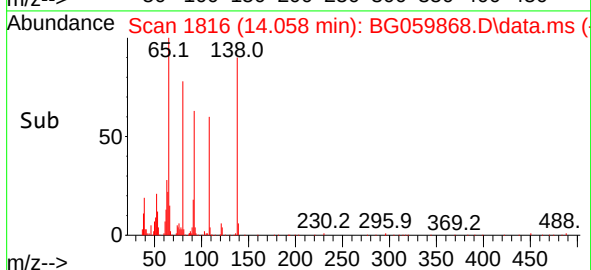
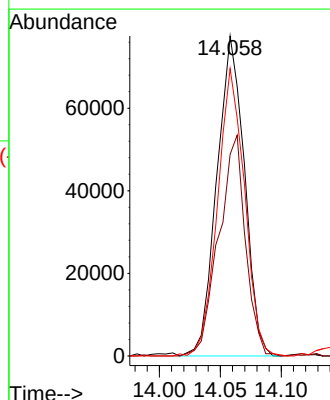
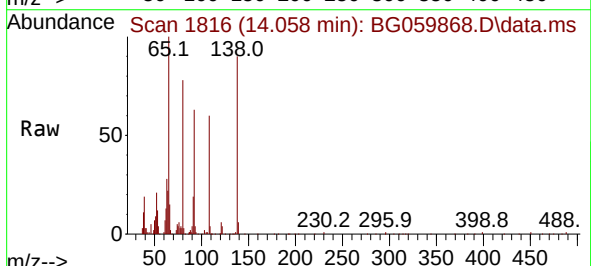
Delta R.T. -0.009 min

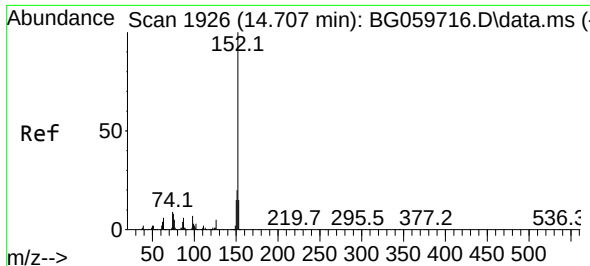
Lab File: BG059868.D

Acq: 24 Nov 2023 21:44

Tgt Ion: 65 Resp: 121538

Ion	Ratio	Lower	Upper
65	100		
92	63.0	61.2	91.8
138	89.8	73.8	110.6





#49
Acenaphthylene
Concen: 52.650 ng
RT: 14.687 min Scan# 1923
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Instrument :

BNA_G

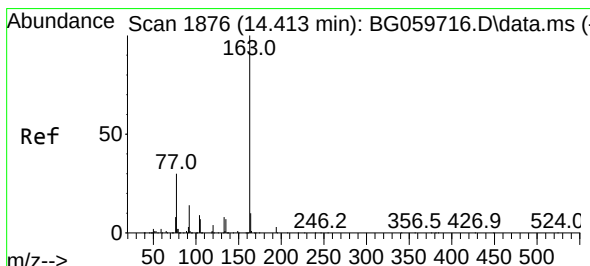
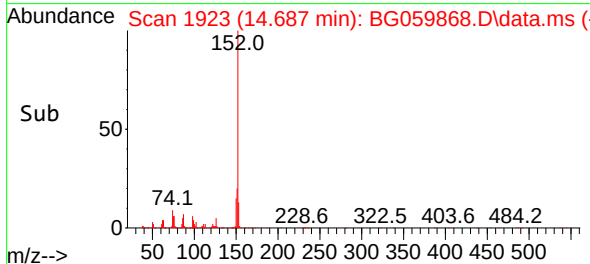
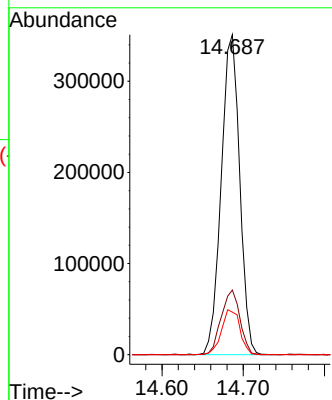
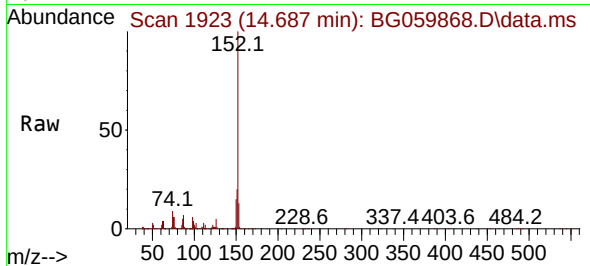
ClientSampleId :

WC-SED-04MSD

Tgt Ion:152 Resp: 555052
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 13.3 12.2 18.4

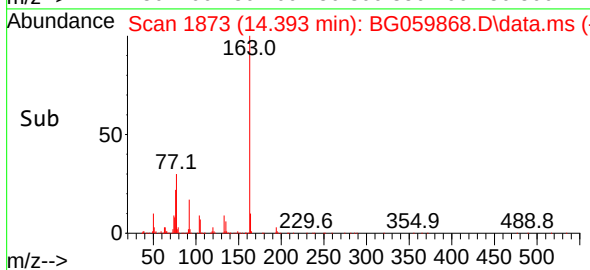
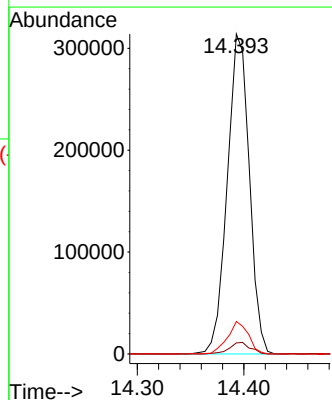
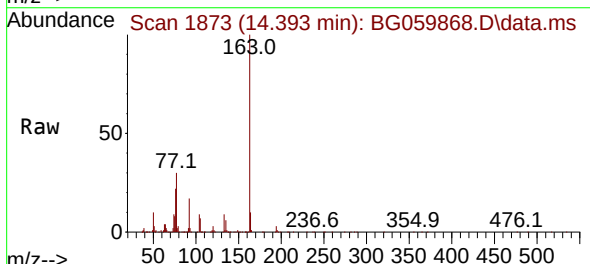
Manual Integrations
APPROVED

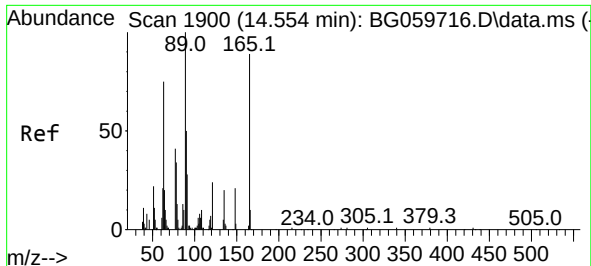
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#50
Dimethylphthalate
Concen: 50.772 ng
RT: 14.393 min Scan# 1873
Delta R.T. -0.009 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

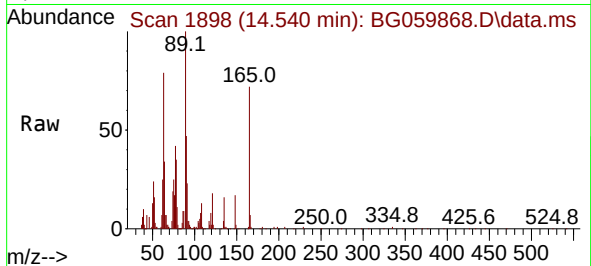
Tgt Ion:163 Resp: 451054
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 51.362 ng
RT: 14.540 min Scan# 1898
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

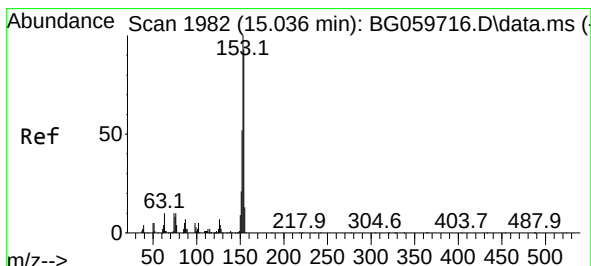
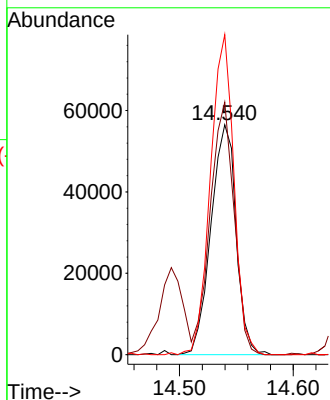
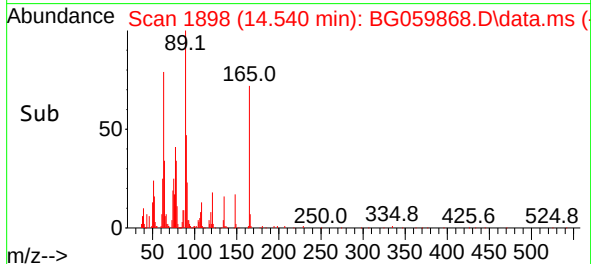
Instrument :
BNA_G
ClientSampleId :
WC-SED-04MSD



Tgt Ion:165 Resp: 86562
Ion Ratio Lower Upper
165 100
63 109.9 75.3 112.9
89 139.2 90.9 136.3

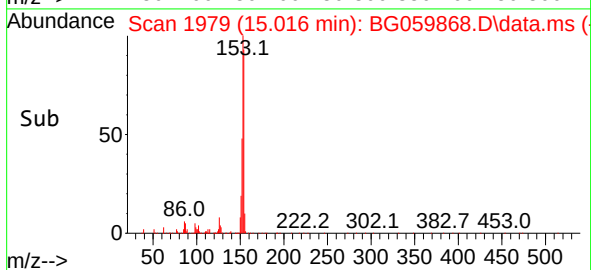
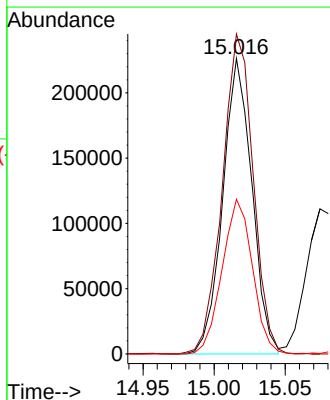
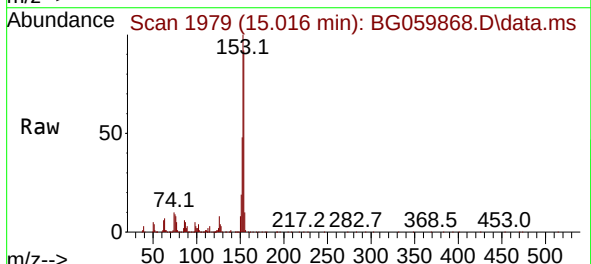
Manual Integrations
APPROVED

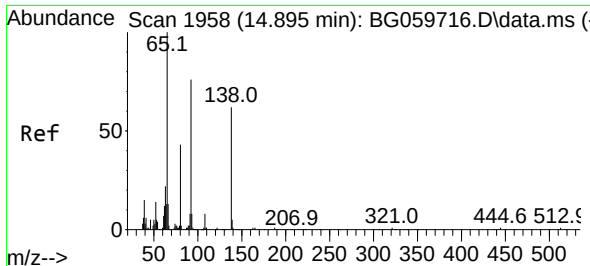
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#52
Acenaphthene
Concen: 50.995 ng
RT: 15.016 min Scan# 1979
Delta R.T. -0.009 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Tgt Ion:154 Resp: 323322
Ion Ratio Lower Upper
154 100
153 108.3 85.8 128.8
152 52.3 44.4 66.6





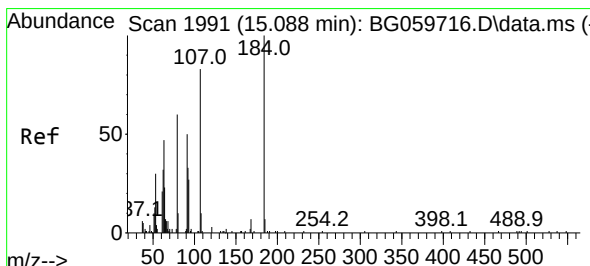
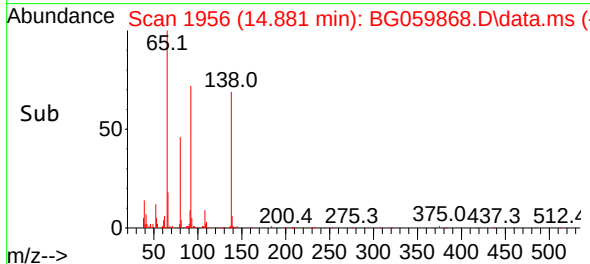
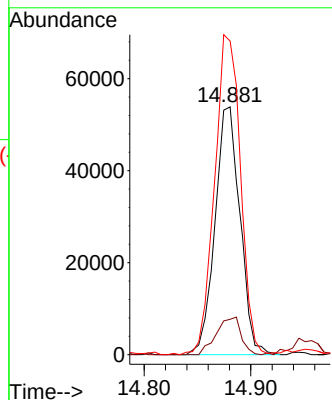
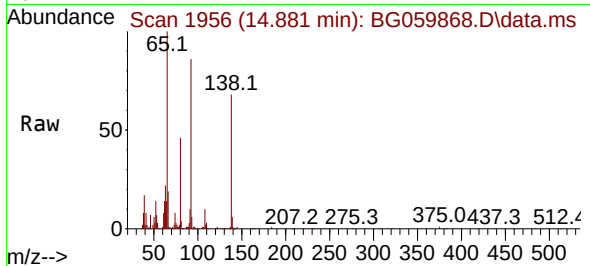
#53
3-Nitroaniline
Concen: 44.437 ng
RT: 14.881 min Scan# 1956
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Instrument :
BNA_G
ClientSampleId :
WC-SED-04MSD

Tgt Ion:138 Resp: 8766
Ion Ratio Lower Upper
138 100
108 14.2 9.9 14.9
92 126.5 98.3 147.5

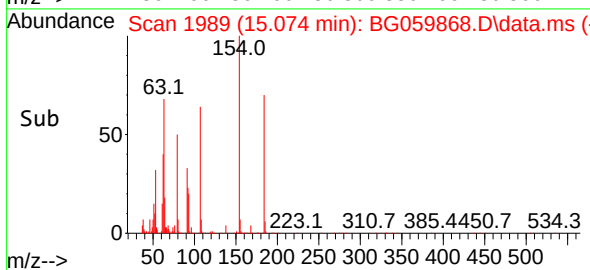
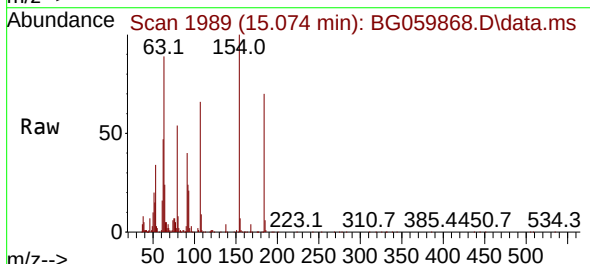
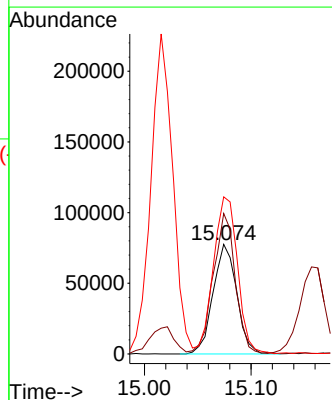
Manual Integrations
APPROVED

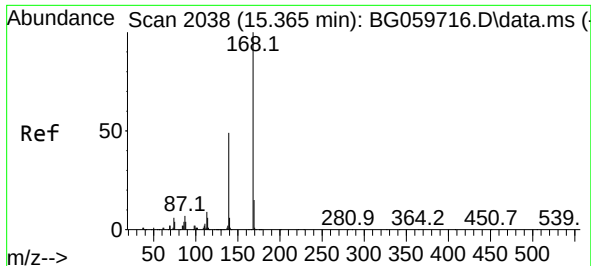
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#54
2,4-Dinitrophenol
Concen: 95.366 ng
RT: 15.074 min Scan# 1989
Delta R.T. -0.009 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

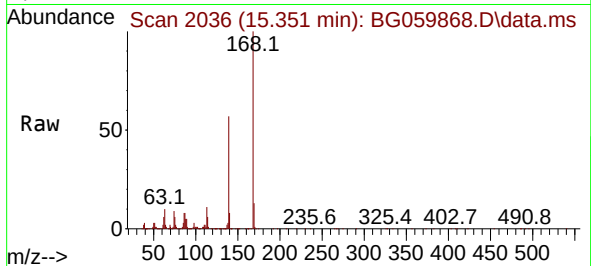
Tgt Ion:184 Resp: 119433
Ion Ratio Lower Upper
184 100
63 128.2 58.3 87.5#
154 143.5 94.1 141.1#





#55
Dibenzenofuran
Concen: 50.738 ng
RT: 15.351 min Scan# 2036
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

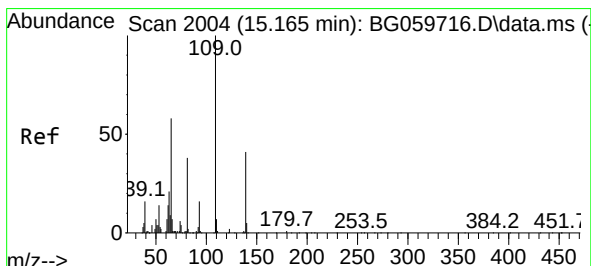
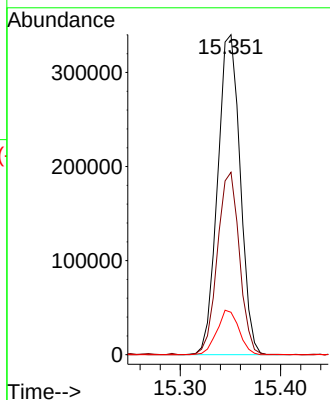
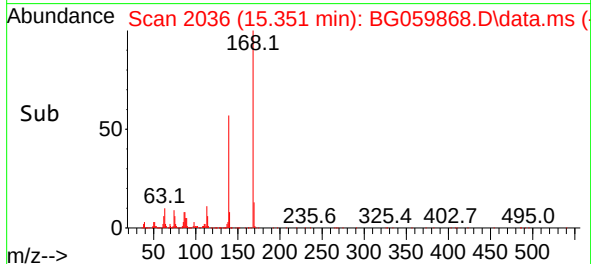
Instrument :
BNA_G
ClientSampleId :
WC-SED-04MSD



Tgt Ion:168 Resp: 530389
Ion Ratio Lower Upper
168 100
139 57.0 38.9 58.3
169 13.3 11.8 17.8

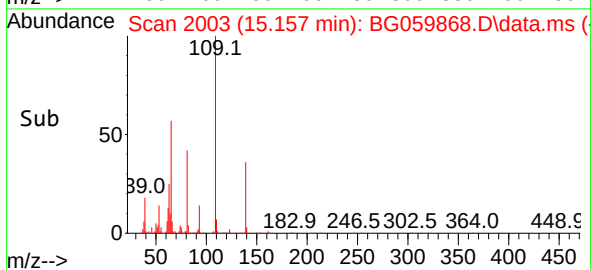
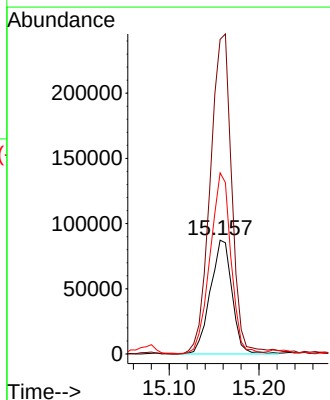
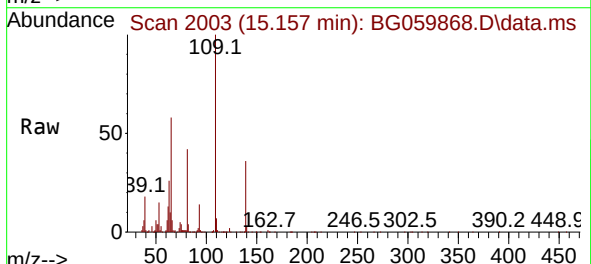
Manual Integrations
APPROVED

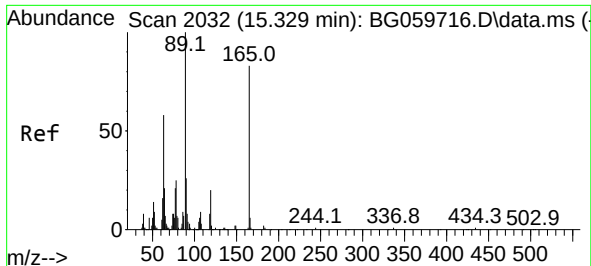
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#56
4-Nitrophenol
Concen: 97.319 ng
RT: 15.157 min Scan# 2003
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Tgt Ion:139 Resp: 146879
Ion Ratio Lower Upper
139 100
109 276.5 223.4 263.4#
65 159.1 120.6 160.6





#57

2,4-Dinitrotoluene

Concen: 52.221 ng

RT: 15.315 min Scan# 2032

Delta R.T. -0.009 min

Lab File: BG059868.D

Acq: 24 Nov 2023 21:44

Instrument :

BNA_G

ClientSampleId :

WC-SED-04MSD

Tgt Ion:165 Resp: 13534

Ion Ratio Lower Upper

165 100

63 75.2 55.8 83.8

89 124.0 96.9 145.3

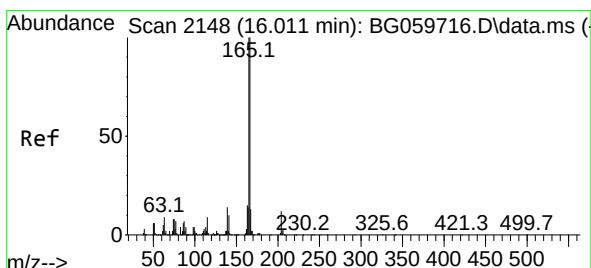
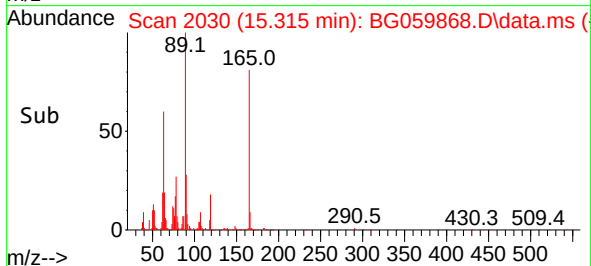
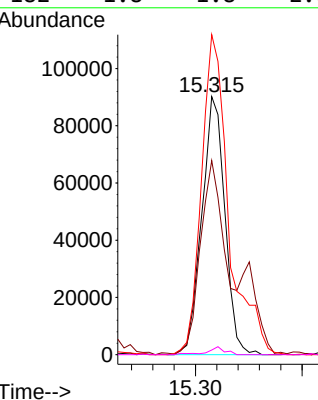
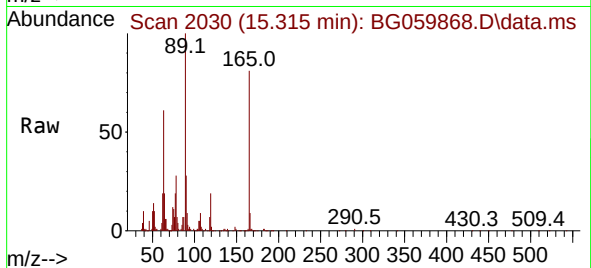
182 1.8 1.8 2.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/28/2023



#58

Fluorene

Concen: 51.858 ng

RT: 15.997 min Scan# 2146

Delta R.T. -0.003 min

Lab File: BG059868.D

Acq: 24 Nov 2023 21:44

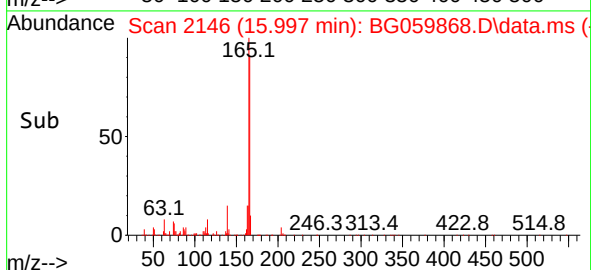
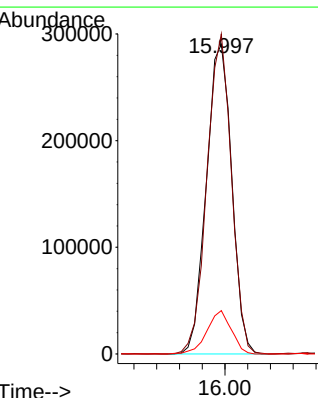
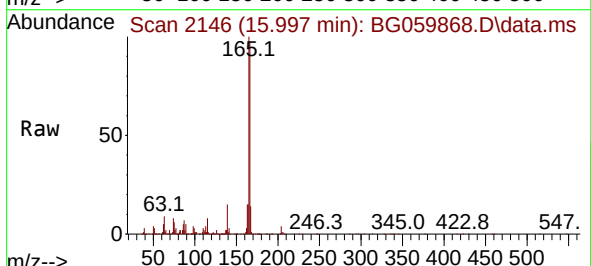
Tgt Ion:166 Resp: 450370

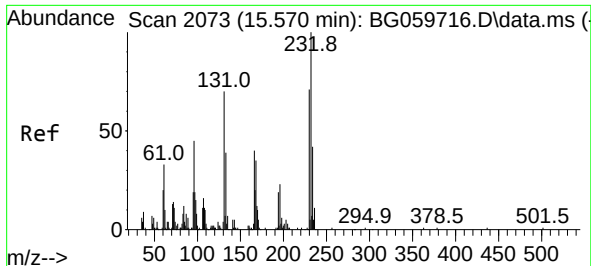
Ion Ratio Lower Upper

166 100

165 103.3 79.9 119.9

167 14.0 10.1 15.1





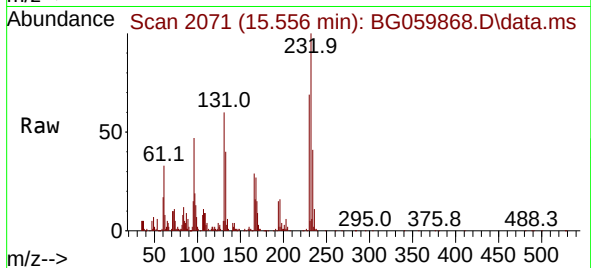
#59
2,3,4,6-Tetrachlorophenol
Concen: 54.817 ng
RT: 15.556 min Scan# 2071
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Instrument :

BNA_G

ClientSampleId :

WC-SED-04MSD

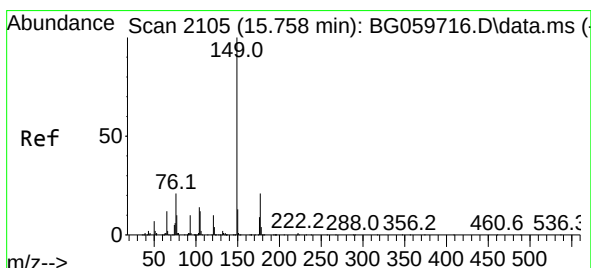
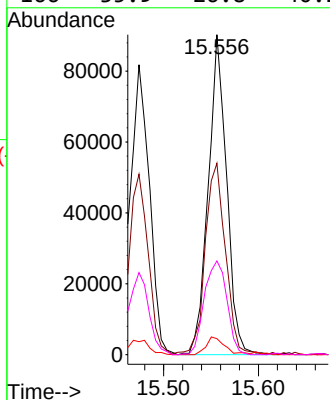
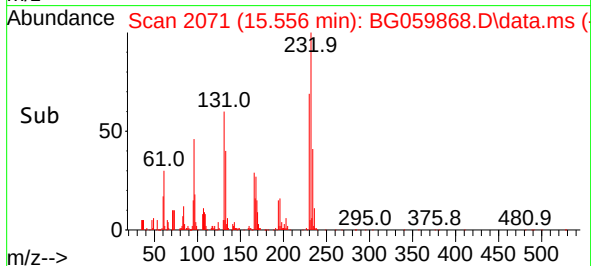


Tgt Ion:232 Resp: 12189
Ion Ratio Lower Upper
232 100
131 65.9 50.2 75.2
130 5.5 4.3 6.5
166 35.9 26.8 40.2

Manual Integrations

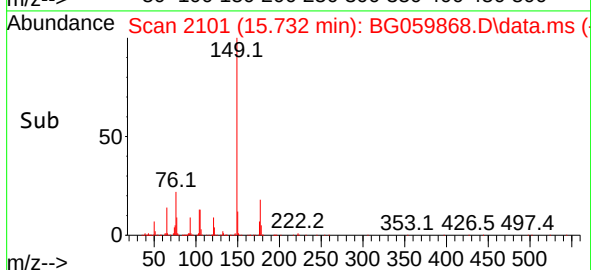
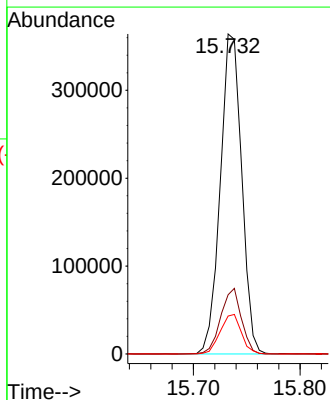
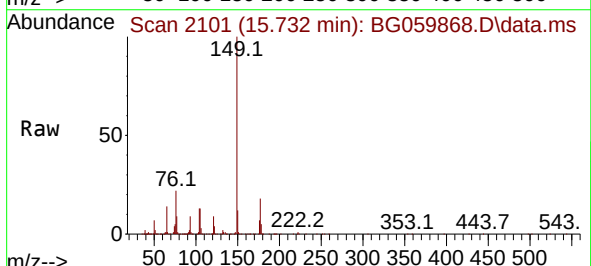
APPROVED

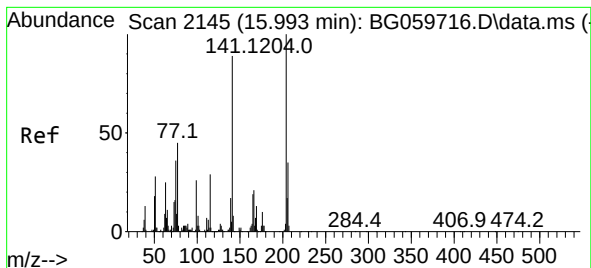
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#60
Diethylphthalate
Concen: 53.294 ng
RT: 15.732 min Scan# 2101
Delta R.T. -0.009 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

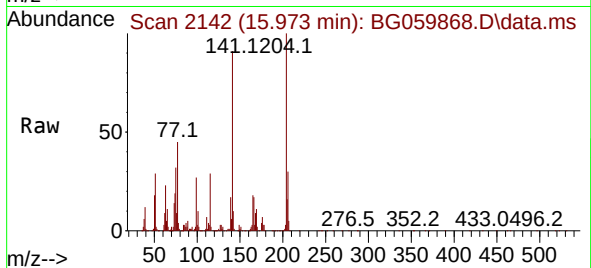
Tgt Ion:149 Resp: 507785
Ion Ratio Lower Upper
149 100
177 18.5 16.6 24.8
150 11.8 10.7 16.1





#61
4-Chlorophenyl-phenylether
Concen: 53.079 ng
RT: 15.973 min Scan# 2145
Delta R.T. -0.009 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

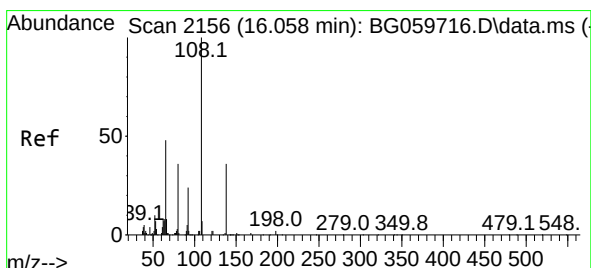
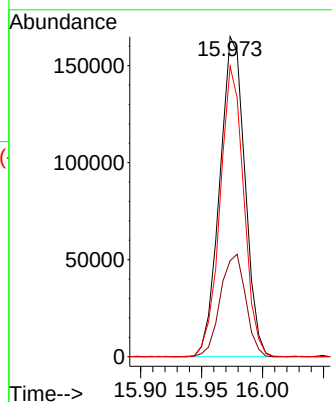
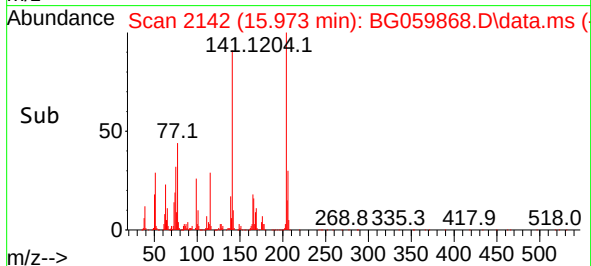
Instrument :
BNA_G
ClientSampleId :
WC-SED-04MSD



Tgt Ion:204 Resp: 23727
Ion Ratio Lower Upper
204 100
206 30.0 28.1 42.1
141 90.8 70.9 106.3

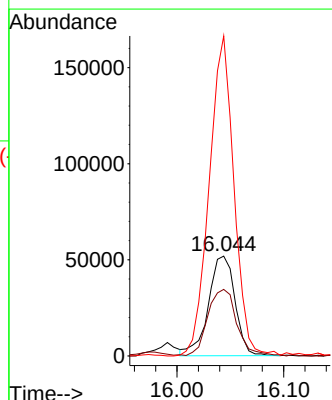
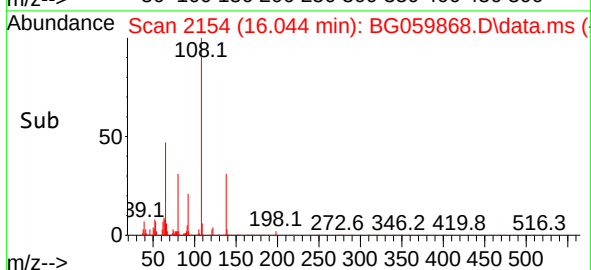
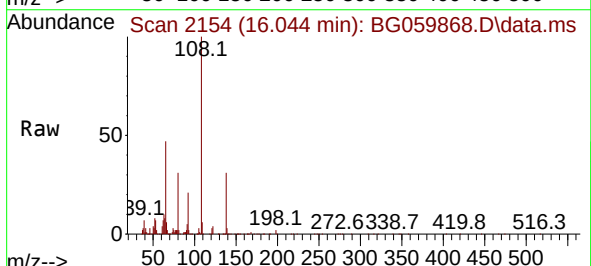
Manual Integrations
APPROVED

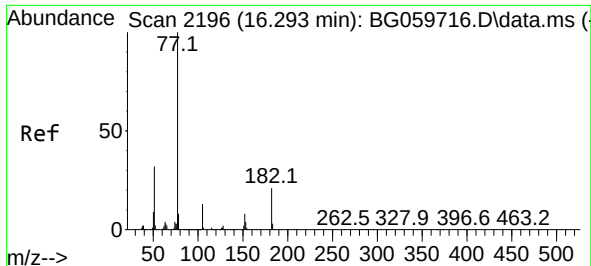
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#62
4-Nitroaniline
Concen: 45.443 ng
RT: 16.044 min Scan# 2154
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

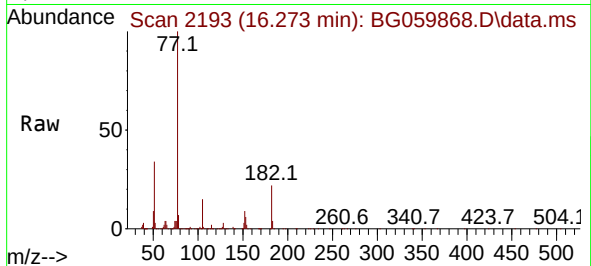
Tgt Ion:138 Resp: 89845
Ion Ratio Lower Upper
138 100
92 66.6 45.8 85.8
108 320.4 256.3 296.3#





#63
Azobenzene
Concen: 49.134 ng
RT: 16.273 min Scan# 2196
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

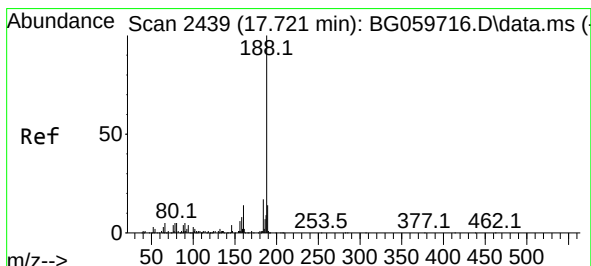
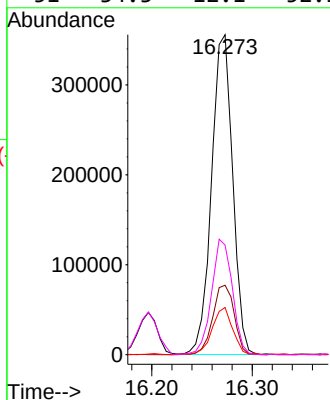
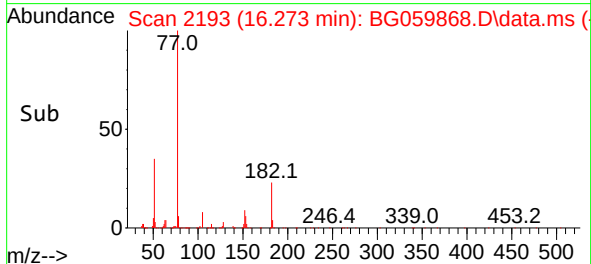
Instrument :
BNA_G
ClientSampleId :
WC-SED-04MSD



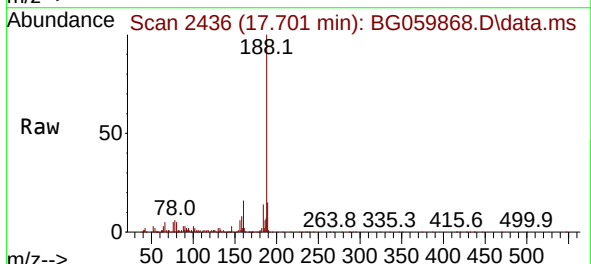
Tgt Ion: 77 Resp: 520240
Ion Ratio Lower Upper
77 100
182 21.7 1.1 41.1
105 14.7 0.0 33.0
51 34.3 12.1 52.1

Manual Integrations
APPROVED

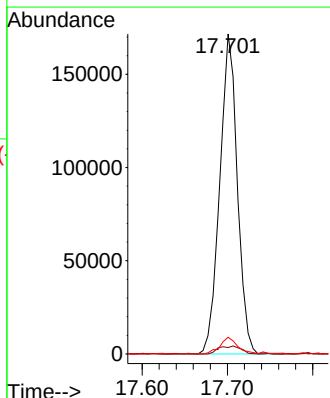
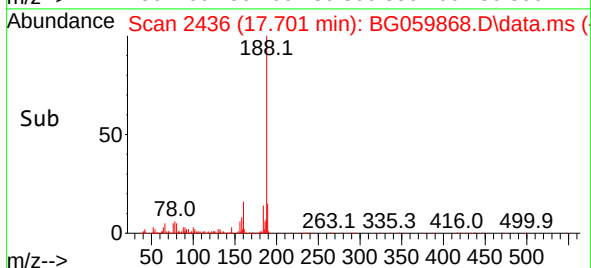
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

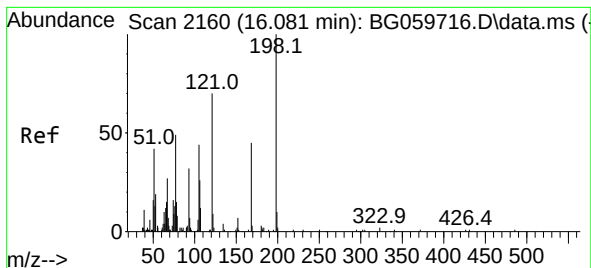


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.701 min Scan# 2436
Delta R.T. -0.009 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44



Tgt Ion:188 Resp: 246030
Ion Ratio Lower Upper
188 100
94 2.0 3.0 4.4#
80 5.2 4.2 6.4





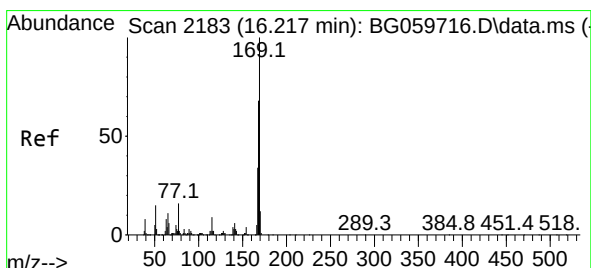
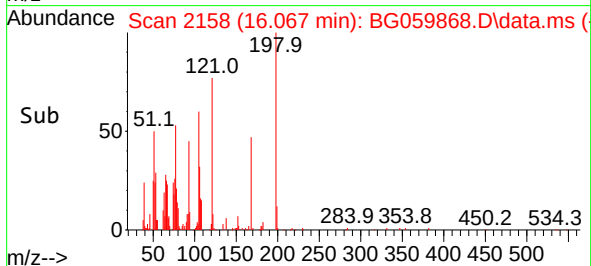
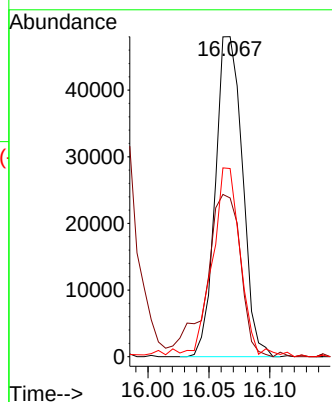
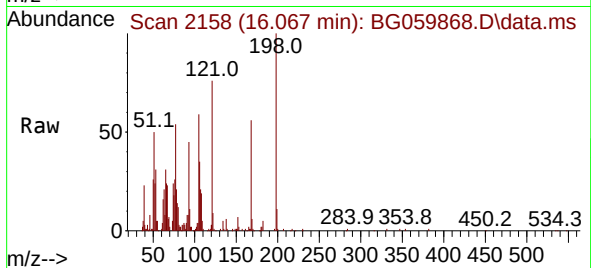
#65
4,6-Dinitro-2-methylphenol
Concen: 49.248 ng
RT: 16.067 min Scan# 2160
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Instrument :
BNA_G
ClientSampleId :
WC-SED-04MSD

Tgt Ion:198 Resp: 7404
Ion Ratio Lower Upper
198 100
51 49.6 23.0 63.0
105 58.8 24.0 64.0

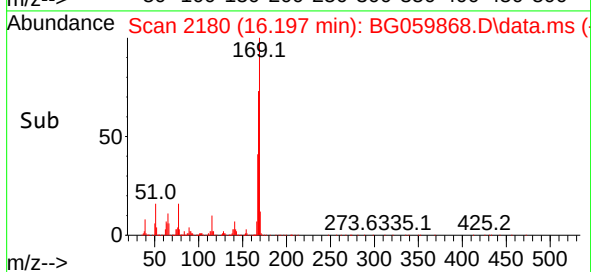
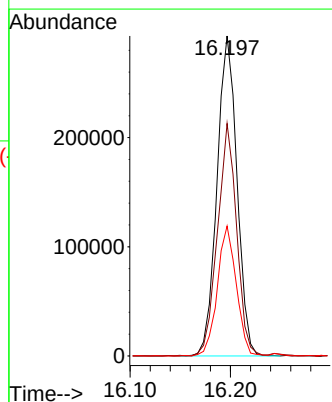
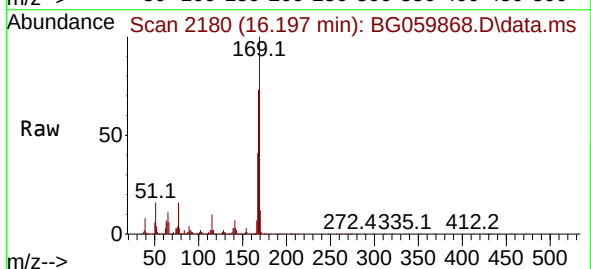
Manual Integrations
APPROVED

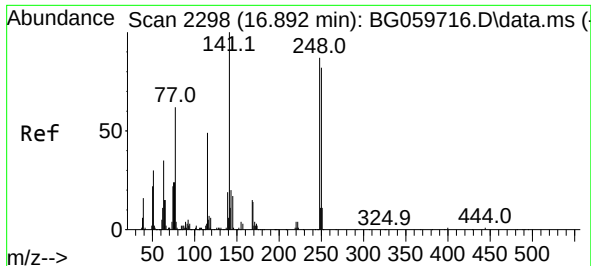
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#66
n-Nitrosodiphenylamine
Concen: 56.292 ng
RT: 16.197 min Scan# 2180
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

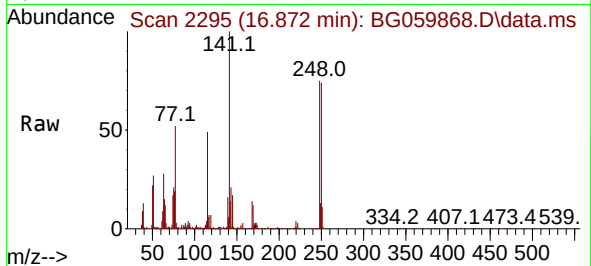
Tgt Ion:169 Resp: 404573
Ion Ratio Lower Upper
169 100
168 72.6 54.5 81.7
167 40.6 27.8 41.6





#67
4-Bromophenyl-phenylether
Concen: 55.648 ng
RT: 16.872 min Scan# 211
Delta R.T. -0.009 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

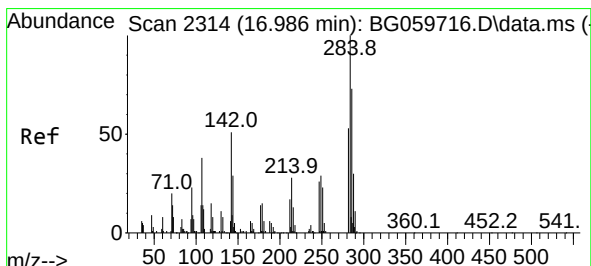
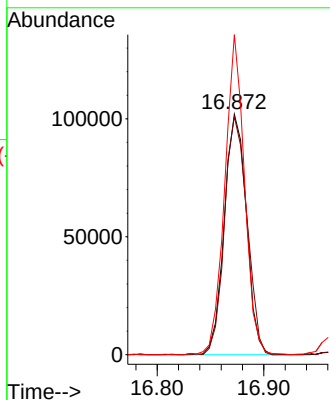
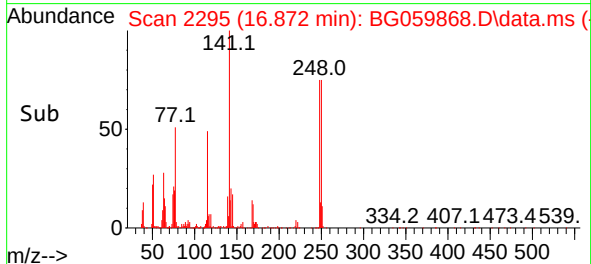
Instrument :
BNA_G
ClientSampleId :
WC-SED-04MSD



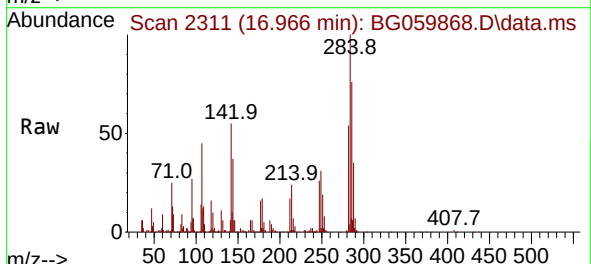
Tgt Ion:248 Resp: 147082
Ion Ratio Lower Upper
248 100
250 99.0 75.2 112.8
141 133.1 91.5 137.3

Manual Integrations
APPROVED

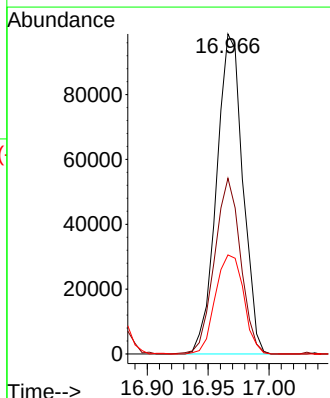
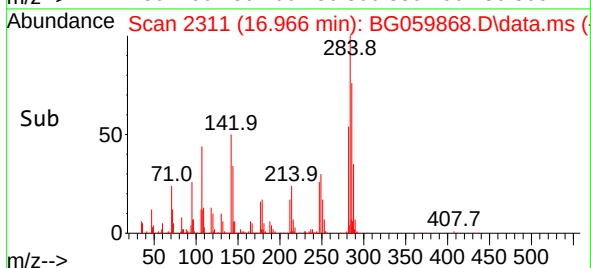
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

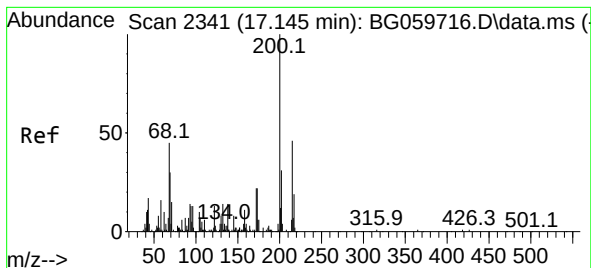


#68
Hexachlorobenzene
Concen: 60.059 ng
RT: 16.966 min Scan# 2311
Delta R.T. -0.009 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44



Tgt Ion:284 Resp: 148159
Ion Ratio Lower Upper
284 100
142 54.9 41.0 61.6
249 31.0 24.2 36.4





#69

Atrazine

Concen: 72.493 ng

RT: 17.131 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG059868.D

Acq: 24 Nov 2023 21:44

Instrument :

BNA_G

ClientSampleId :

WC-SED-04MSD

Tgt Ion:200 Resp: 16704

Ion Ratio Lower Upper

200 100

173 22.0 2.3 42.3

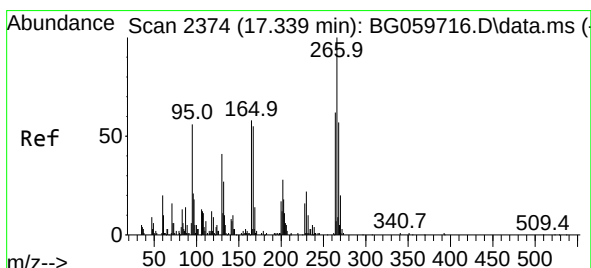
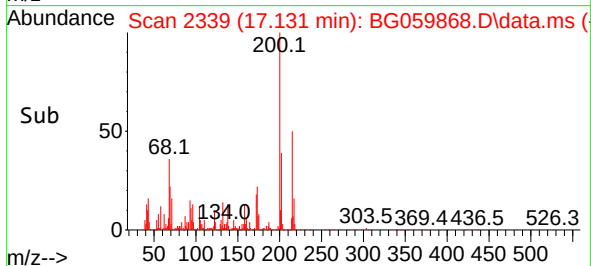
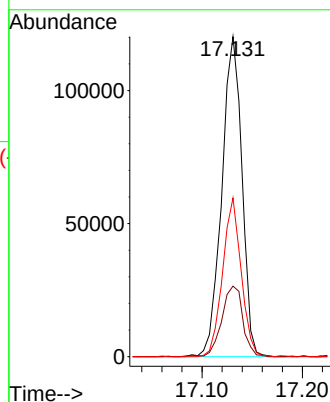
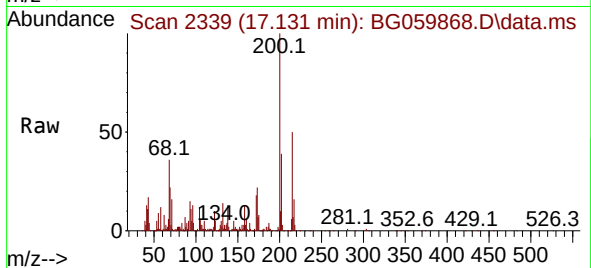
215 49.6 25.6 65.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/28/2023



#70

Pentachlorophenol

Concen: 101.666 ng

RT: 17.325 min Scan# 2372

Delta R.T. -0.003 min

Lab File: BG059868.D

Acq: 24 Nov 2023 21:44

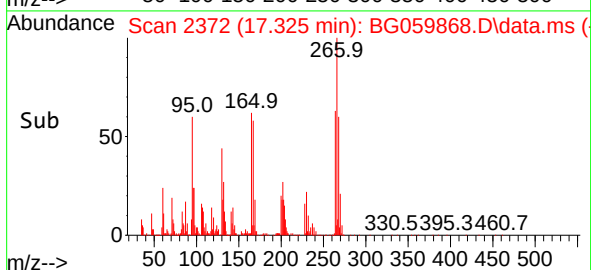
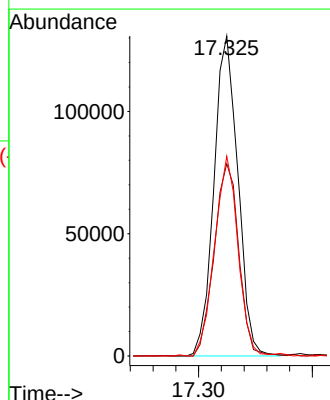
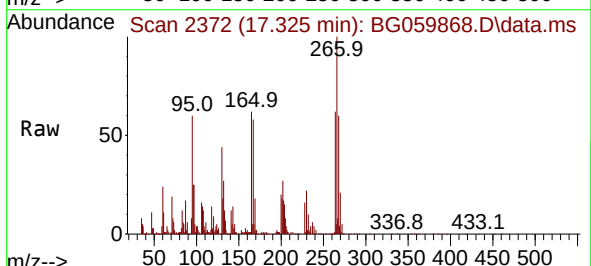
Tgt Ion:266 Resp: 191339

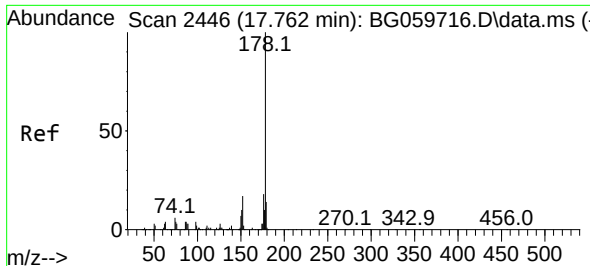
Ion Ratio Lower Upper

266 100

268 60.1 45.7 68.5

264 62.4 49.8 74.8





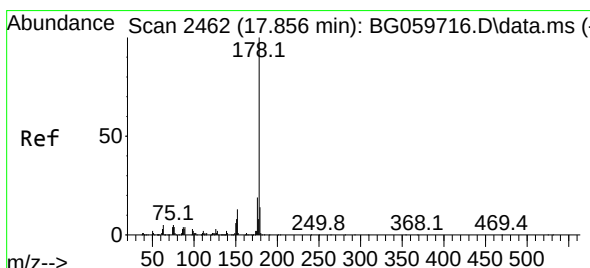
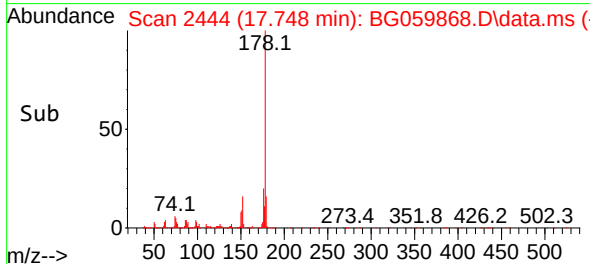
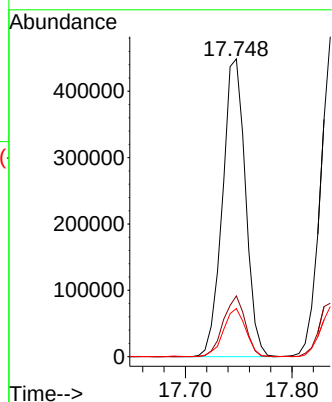
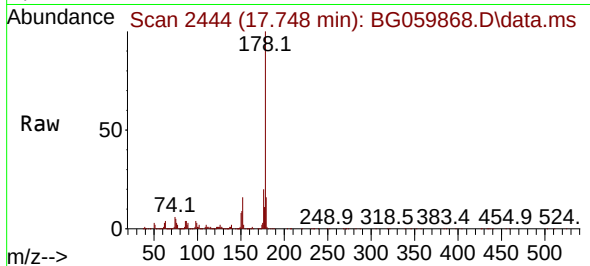
#71
Phenanthrene
Concen: 53.590 ng
RT: 17.748 min Scan# 2444
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Instrument :
BNA_G
ClientSampleId :
WC-SED-04MSD

Tgt Ion:178 Resp: 670340
Ion Ratio Lower Upper
178 100
176 20.4 14.5 21.7
179 16.2 11.2 16.8

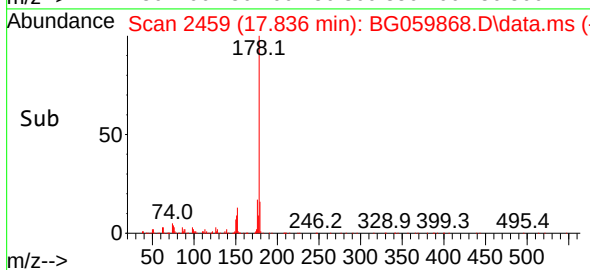
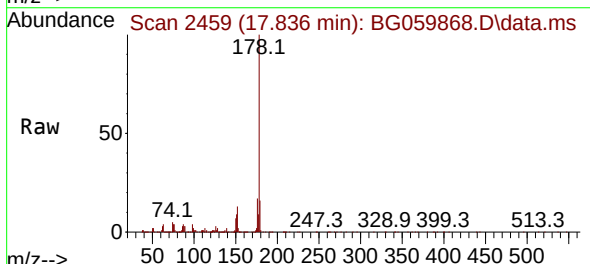
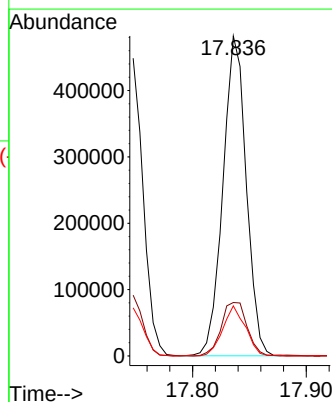
Manual Integrations
APPROVED

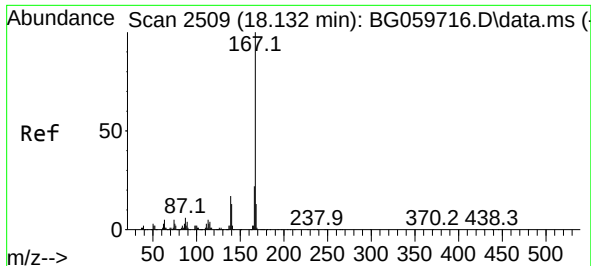
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#72
Anthracene
Concen: 52.825 ng
RT: 17.836 min Scan# 2459
Delta R.T. -0.009 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Tgt Ion:178 Resp: 686556
Ion Ratio Lower Upper
178 100
176 16.7 15.0 22.4
179 15.7 11.5 17.3





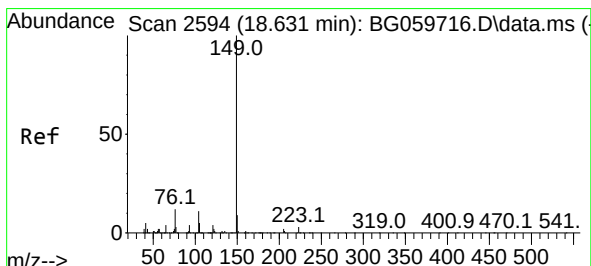
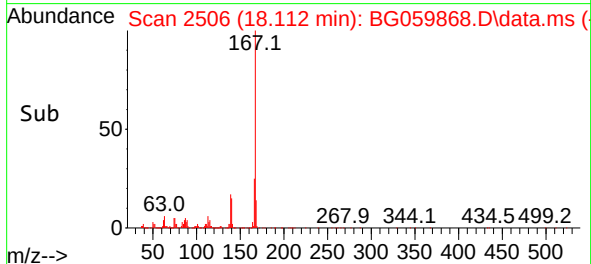
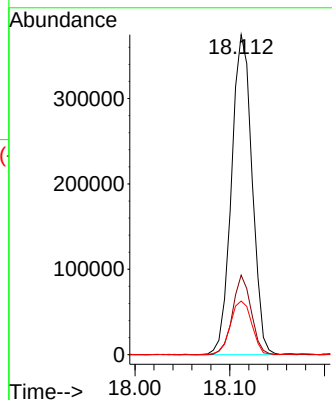
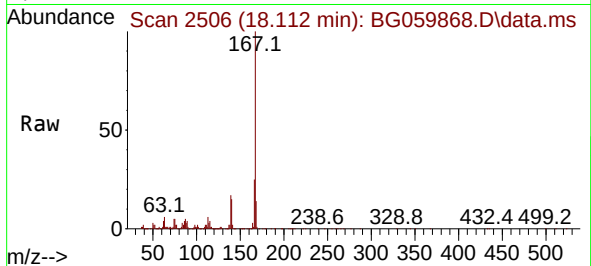
#73
 Carbazole
 Concen: 49.825 ng
 RT: 18.112 min Scan# 2506
 Delta R.T. -0.009 min
 Lab File: BG059868.D
 Acq: 24 Nov 2023 21:44

Instrument :
 BNA_G
 ClientSampleId :
 WC-SED-04MSD

Tgt Ion:167 Resp: 565729
 Ion Ratio Lower Upper
 167 100
 166 24.9 17.4 26.0
 139 16.8 13.2 19.8

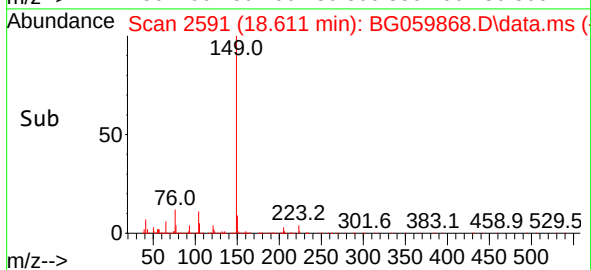
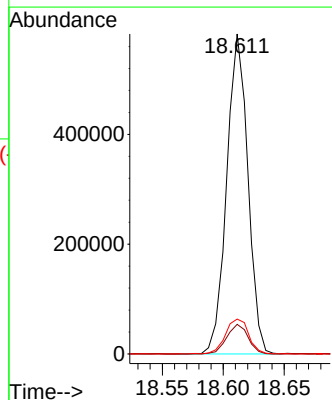
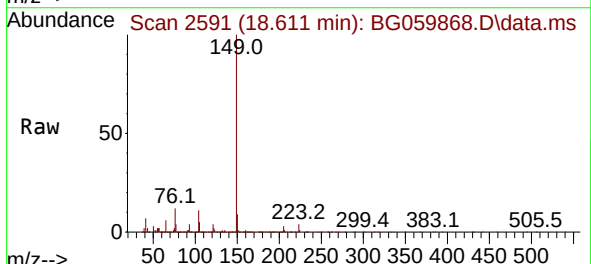
Manual Integrations
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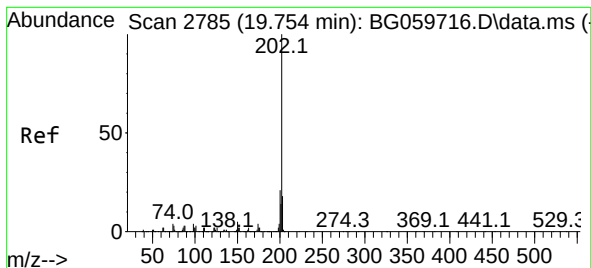
Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/28/2023



#74
 Di-n-butylphthalate
 Concen: 51.349 ng
 RT: 18.611 min Scan# 2591
 Delta R.T. -0.003 min
 Lab File: BG059868.D
 Acq: 24 Nov 2023 21:44

Tgt Ion:149 Resp: 704739
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 10.9 8.6 12.8





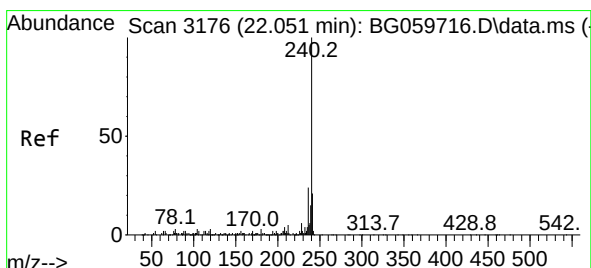
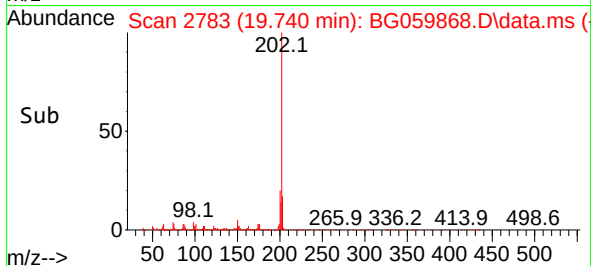
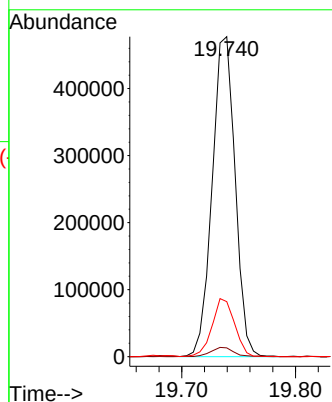
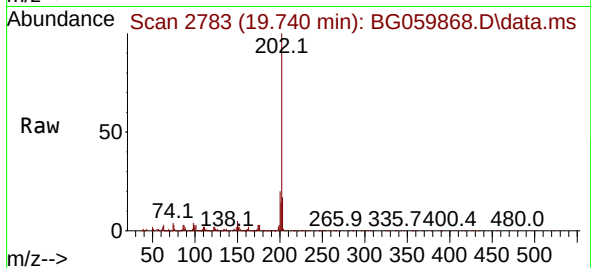
#75
Fluoranthene
Concen: 44.602 ng
RT: 19.740 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Instrument :
BNA_G
ClientSampleId :
WC-SED-04MSD

Tgt Ion:202 Resp: 66907
Ion Ratio Lower Upper
202 100
101 2.7 0.0 22.7
203 17.2 0.0 38.2

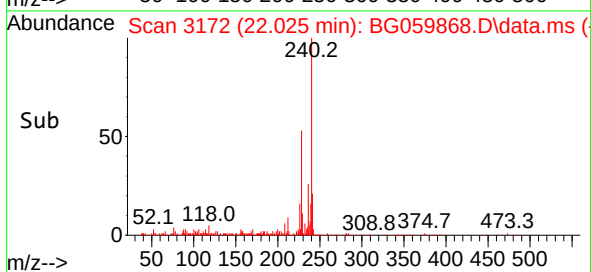
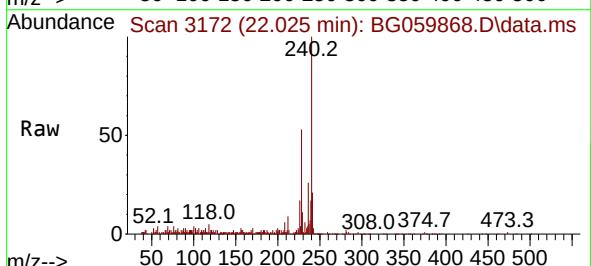
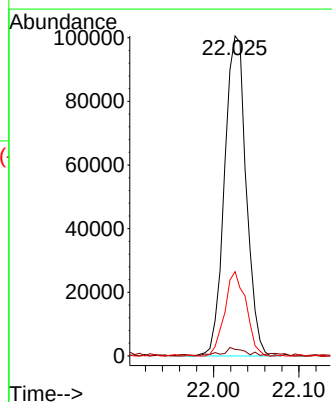
Manual Integrations
APPROVED

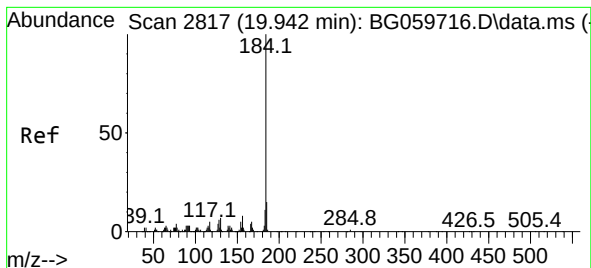
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.025 min Scan# 3172
Delta R.T. -0.009 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Tgt Ion:240 Resp: 177995
Ion Ratio Lower Upper
240 100
120 2.1 2.2 3.2#
236 26.3 19.4 29.2





#77

Benzidine

Concen: 80.391 ng

RT: 19.928 min Scan# 2815

Delta R.T. -0.003 min

Lab File: BG059868.D

Acq: 24 Nov 2023 21:44

Instrument :

BNA_G

ClientSampleId :

WC-SED-04MSD

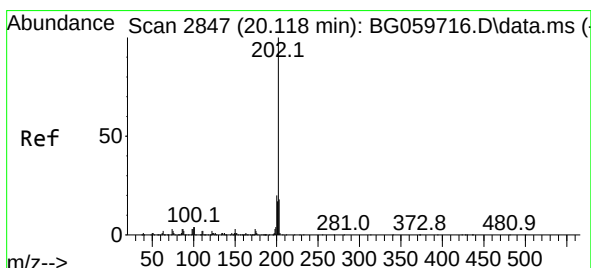
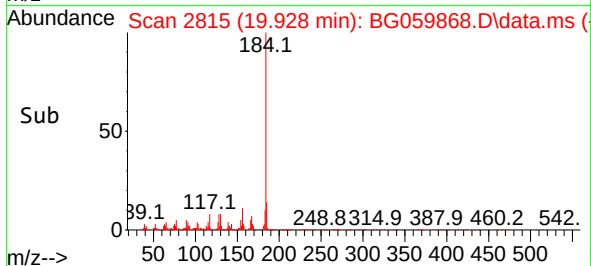
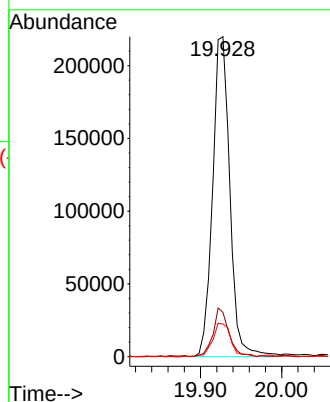
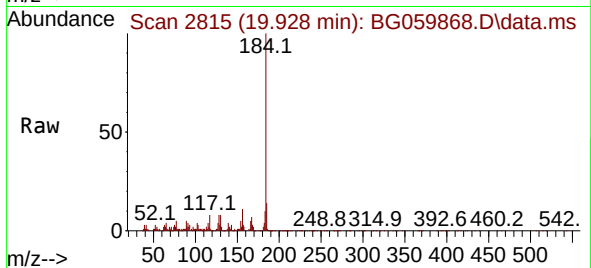
Tgt Ion:	184	Resp:	32447
Ion Ratio	Lower	Upper	
184	100		
185	13.8	12.2	18.2
183	10.2	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/28/2023



#78

Pyrene

Concen: 54.542 ng

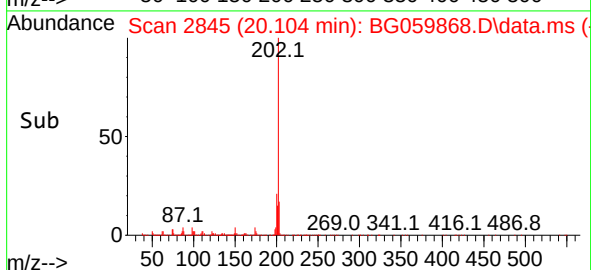
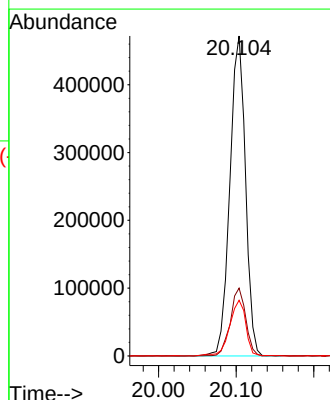
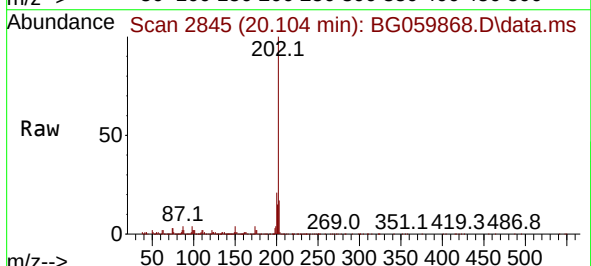
RT: 20.104 min Scan# 2845

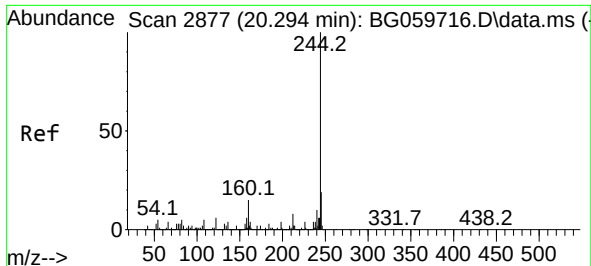
Delta R.T. -0.003 min

Lab File: BG059868.D

Acq: 24 Nov 2023 21:44

Tgt Ion:	202	Resp:	660546
Ion Ratio	Lower	Upper	
202	100		
200	21.2	16.2	24.4
203	17.4	14.0	21.0





#79
 Terphenyl-d14
 Concen: 60.845 ng
 RT: 20.274 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG059868.D
 Acq: 24 Nov 2023 21:44

Instrument :

BNA_G

ClientSampleId :

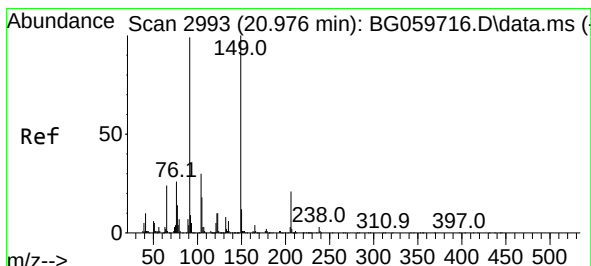
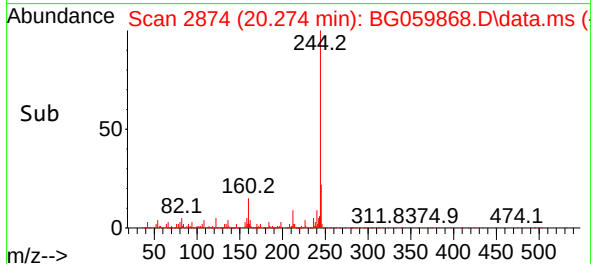
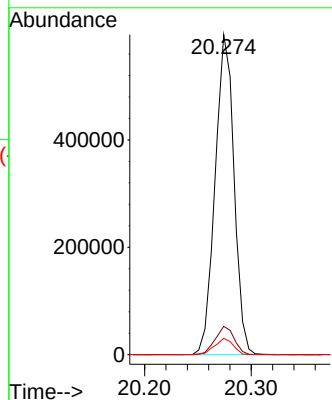
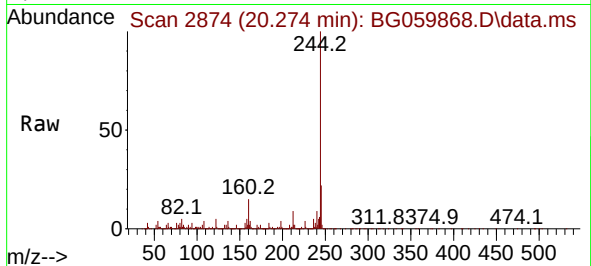
WC-SED-04MSD

Tgt Ion:244 Resp: 733624
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.6 10.0
 122 5.1 4.4 6.6

Manual Integrations

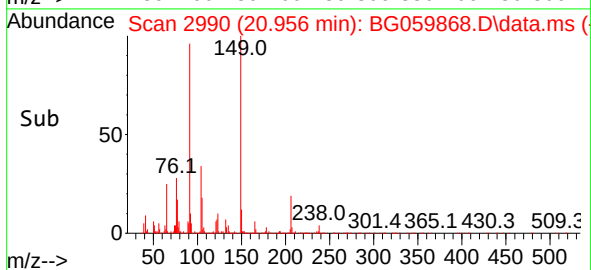
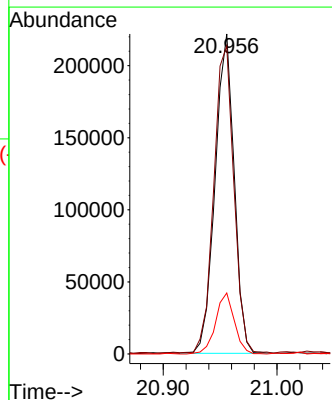
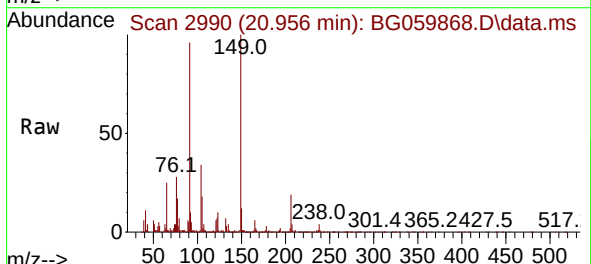
APPROVED

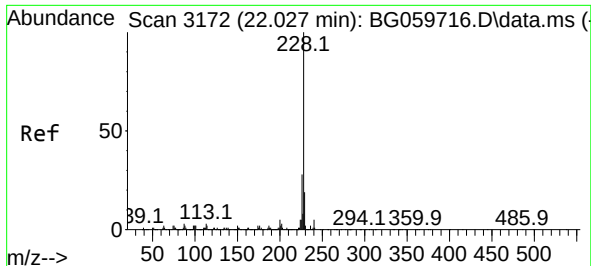
Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/28/2023



#80
 Butylbenzylphthalate
 Concen: 52.126 ng
 RT: 20.956 min Scan# 2990
 Delta R.T. -0.003 min
 Lab File: BG059868.D
 Acq: 24 Nov 2023 21:44

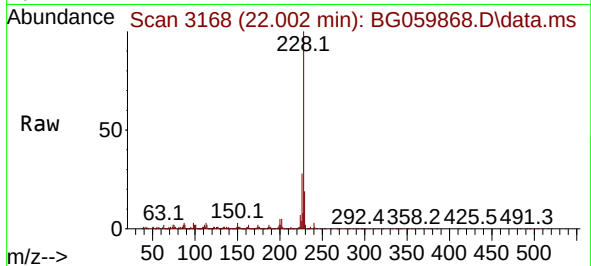
Tgt Ion:149 Resp: 258854
 Ion Ratio Lower Upper
 149 100
 91 96.3 79.6 119.4
 206 19.1 16.9 25.3





#81
Benzo(a)anthracene
Concen: 50.382 ng
RT: 22.002 min Scan# 3172
Delta R.T. -0.009 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

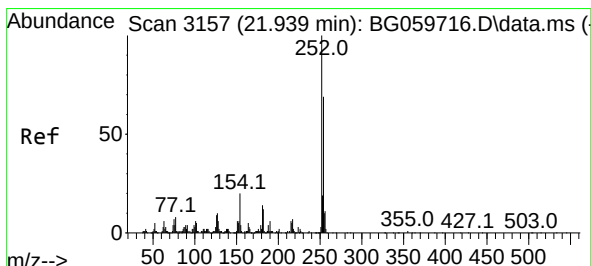
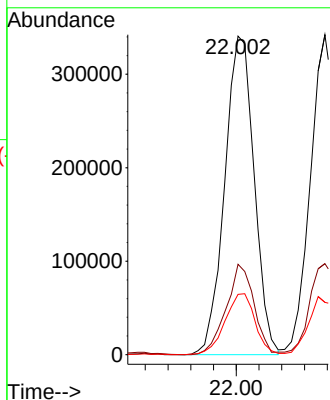
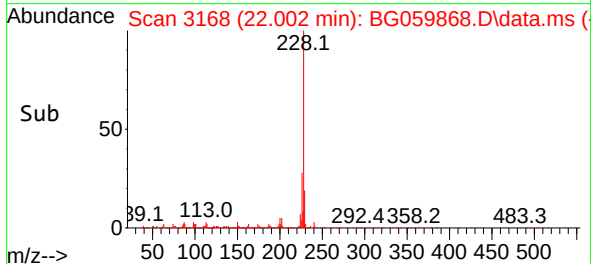
Instrument :
BNA_G
ClientSampleId :
WC-SED-04MSD



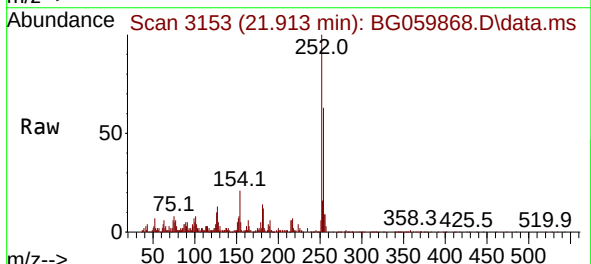
Tgt Ion:228 Resp: 61359
Ion Ratio Lower Upper
228 100
226 28.4 22.1 33.1
229 18.9 14.9 22.3

Manual Integrations
APPROVED

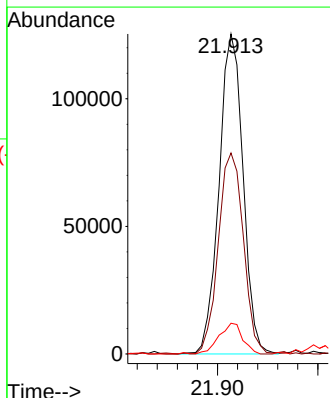
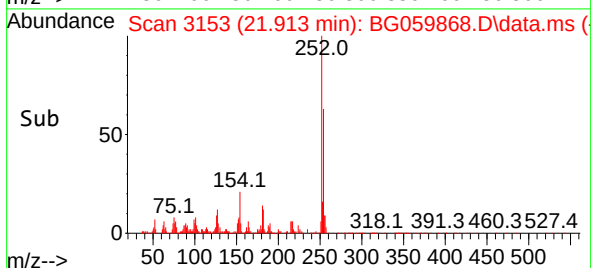
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

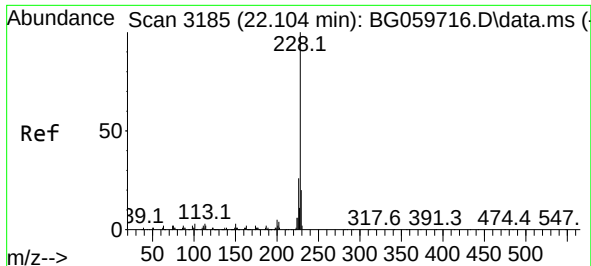


#82
3,3'-Dichlorobenzidine
Concen: 45.882 ng
RT: 21.913 min Scan# 3153
Delta R.T. -0.009 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44



Tgt Ion:252 Resp: 208180
Ion Ratio Lower Upper
252 100
254 62.8 55.2 82.8
126 9.6 7.0 10.6





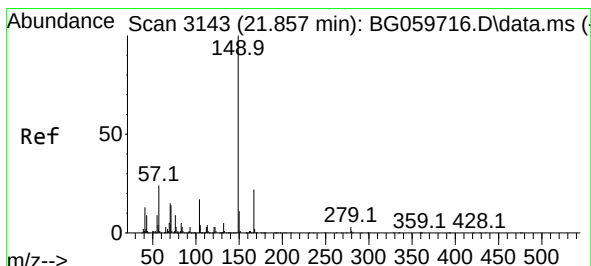
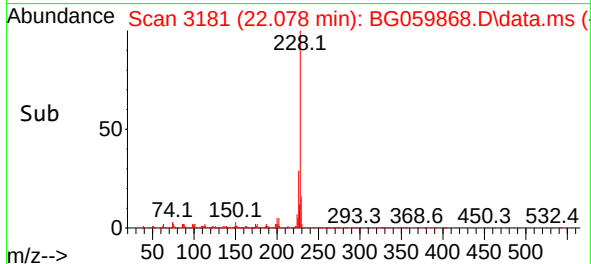
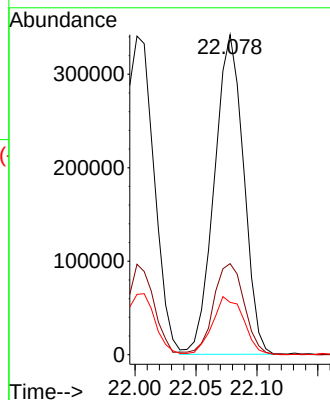
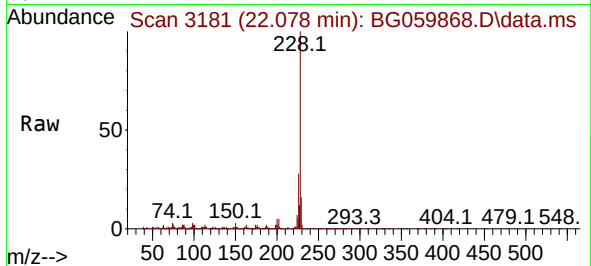
#83
Chrysene
Concen: 51.156 ng
RT: 22.078 min Scan# 3181
Delta R.T. -0.009 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Instrument :
BNA_G
ClientSampleId :
WC-SED-04MSD

Tgt Ion:228 Resp: 571120
Ion Ratio Lower Upper
228 100
226 28.5 21.1 31.7
229 16.4 16.2 24.4

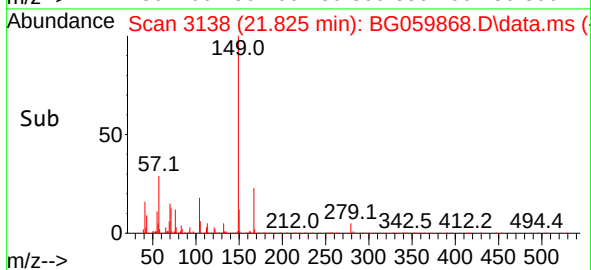
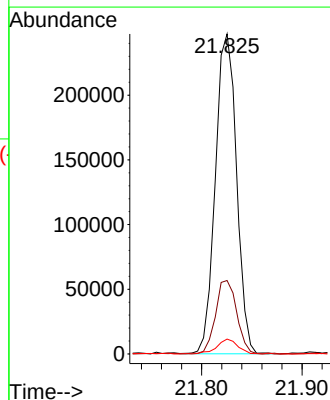
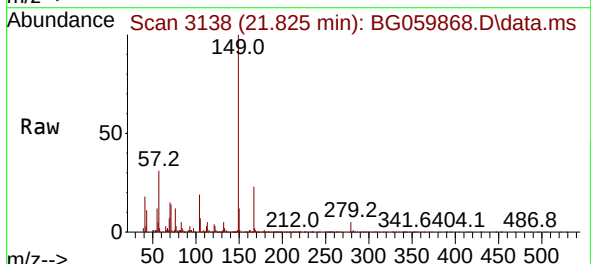
Manual Integrations
APPROVED

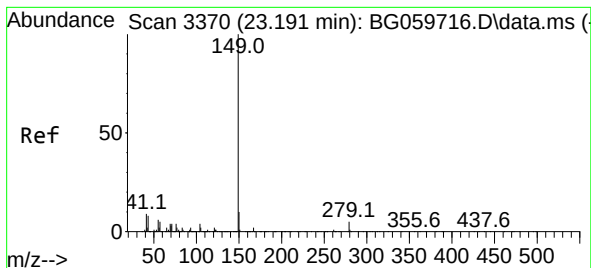
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.950 ng
RT: 21.825 min Scan# 3138
Delta R.T. -0.009 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Tgt Ion:149 Resp: 360639
Ion Ratio Lower Upper
149 100
167 22.9 17.6 26.4
279 4.6 2.7 4.1#





#85

Di-n-octyl phthalate

Concen: 44.936 ng

RT: 23.153 min Scan# 3364

Delta R.T. -0.009 min

Lab File: BG059868.D

Acq: 24 Nov 2023 21:44

Instrument :

BNA_G

ClientSampleId :

WC-SED-04MSD

Tgt Ion:149 Resp: 60053

Ion Ratio Lower Upper

149 100

167 2.0 1.2 1.8

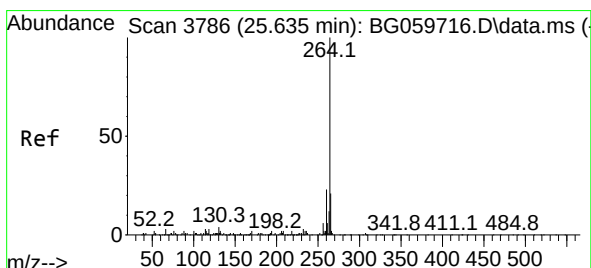
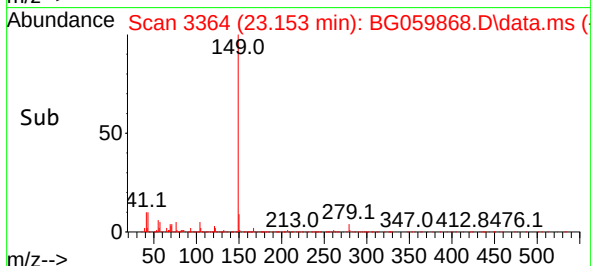
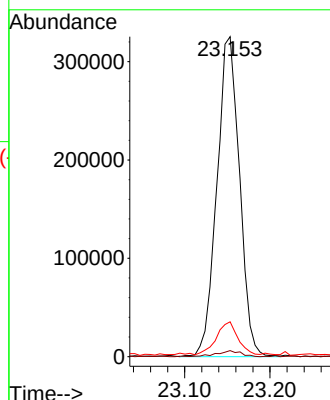
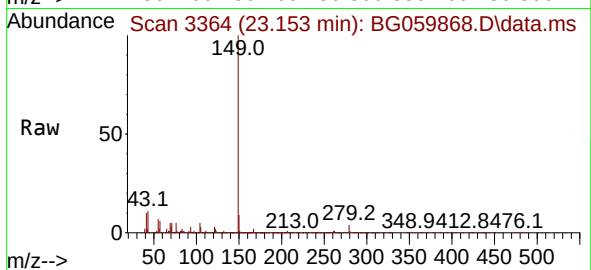
43 9.6 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/28/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.591 min Scan# 3779

Delta R.T. -0.021 min

Lab File: BG059868.D

Acq: 24 Nov 2023 21:44

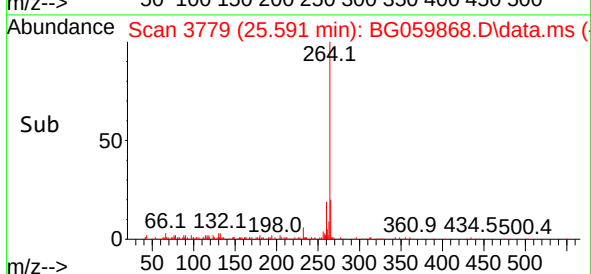
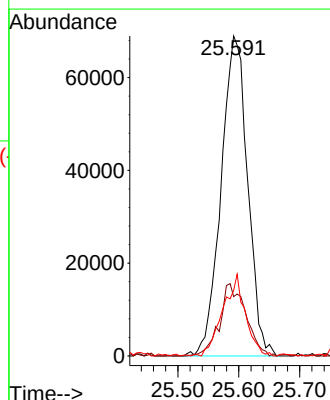
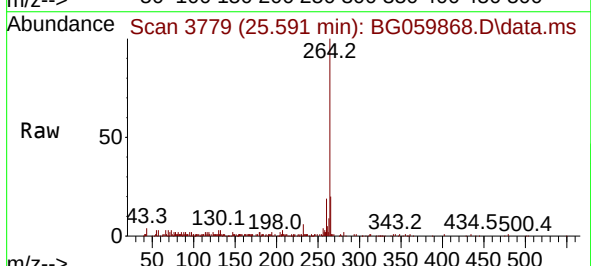
Tgt Ion:264 Resp: 209045

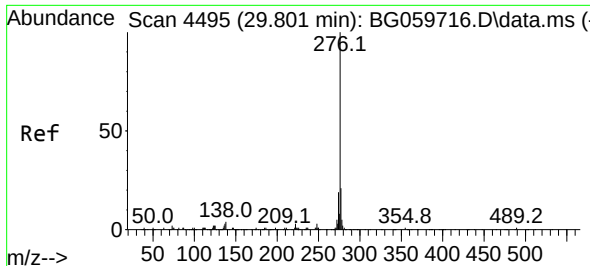
Ion Ratio Lower Upper

264 100

260 18.6 18.5 27.7

265 20.4 17.0 25.6





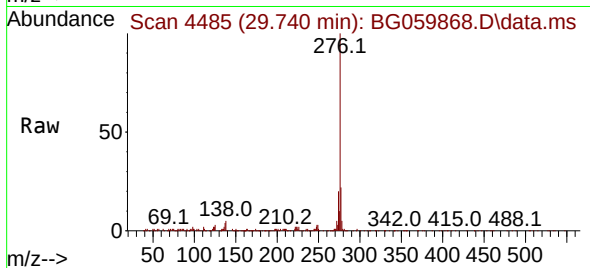
#87
Indeno(1,2,3-cd)pyrene
Concen: 49.044 ng
RT: 29.740 min Scan# 4495
Delta R.T. -0.021 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Instrument :

BNA_G

ClientSampleId :

WC-SED-04MSD



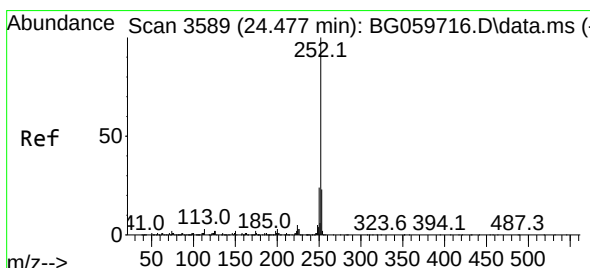
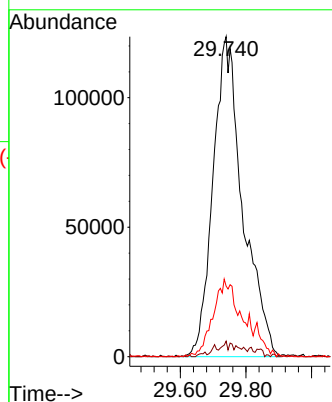
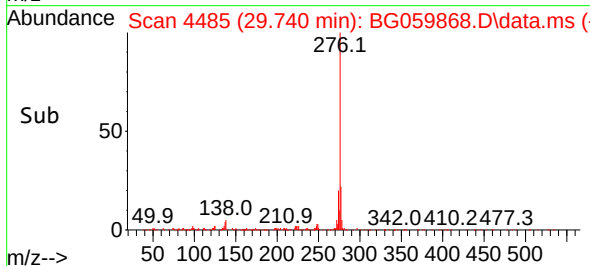
Tgt Ion:276 Resp: 775758
Ion Ratio Lower Upper
276 100
138 0.4 1.8 2.6
277 20.5 9.8 14.6

Manual Integrations

APPROVED

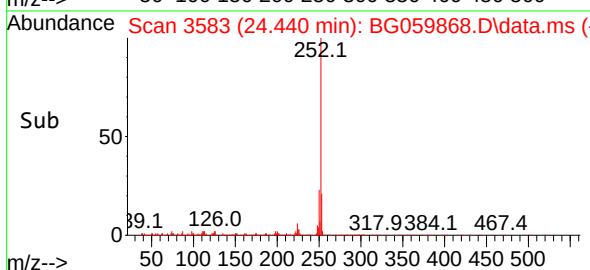
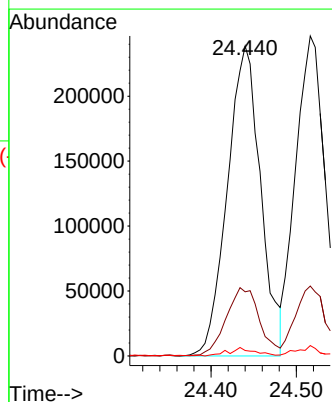
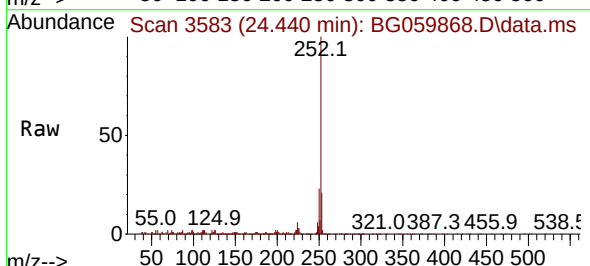
Reviewed By :Yogesh Patel 11/27/2023

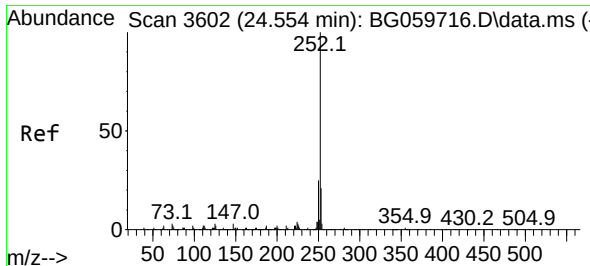
Supervised By :mohammad ahmed 11/28/2023



#88
Benzo(b)fluoranthene
Concen: 56.534 ng
RT: 24.440 min Scan# 3583
Delta R.T. -0.009 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Tgt Ion:252 Resp: 647749
Ion Ratio Lower Upper
252 100
253 20.7 18.3 27.5
125 1.8 1.4 2.0





#89
Benzo(k)fluoranthene
Concen: 52.591 ng
RT: 24.516 min Scan# 31
Delta R.T. -0.015 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Instrument :

BNA_G

ClientSampleId :

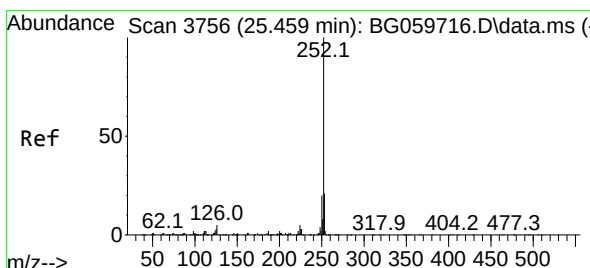
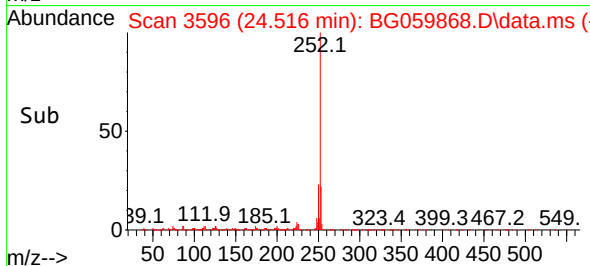
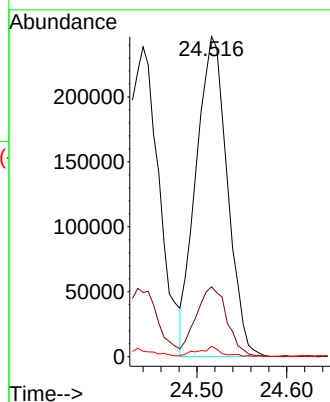
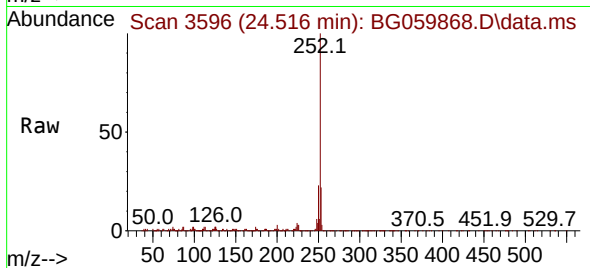
WC-SED-04MSD

Tgt Ion:252 Resp: 59571
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 3.3 2.2 3.2

Manual Integrations

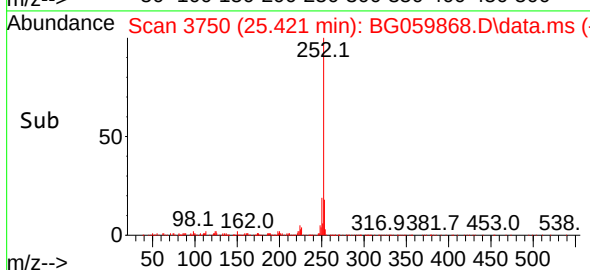
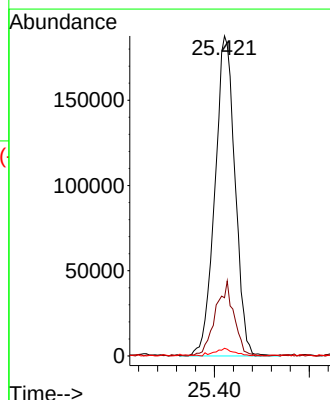
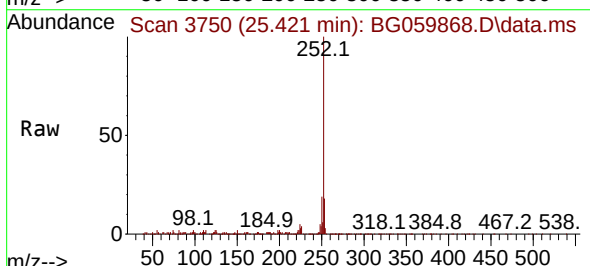
APPROVED

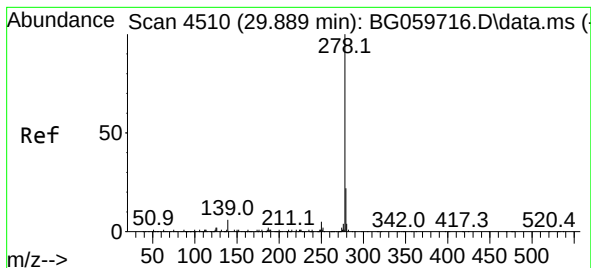
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#90
Benzo(a)pyrene
Concen: 45.178 ng
RT: 25.421 min Scan# 3750
Delta R.T. -0.021 min
Lab File: BG059868.D
Acq: 24 Nov 2023 21:44

Tgt Ion:252 Resp: 552433
Ion Ratio Lower Upper
252 100
253 18.2 16.8 25.2
125 2.4 2.0 3.0





#91

Dibenzo(a,h)anthracene

Concen: 50.359 ng

RT: 29.822 min Scan# 4499

Delta R.T. -0.026 min

Lab File: BG059868.D

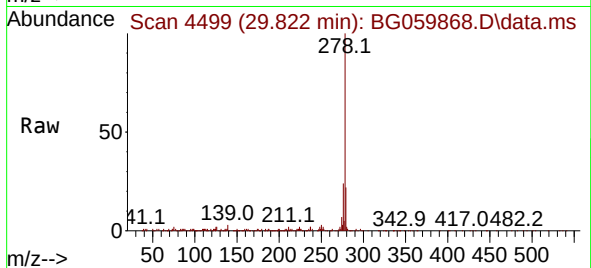
Acq: 24 Nov 2023 21:44

Instrument :

BNA_G

ClientSampleId :

WC-SED-04MSD



Tgt Ion:278 Resp: 673929

Ion Ratio Lower Upper

278 100

139 2.7 4.6 7.0

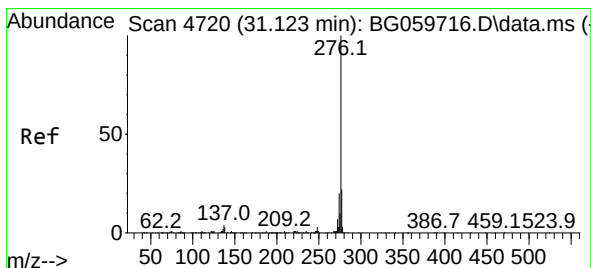
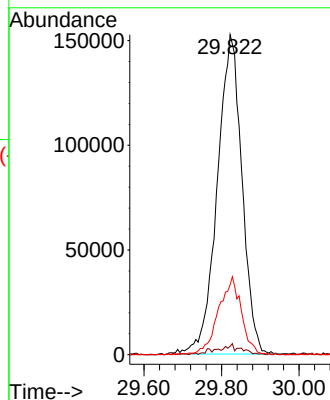
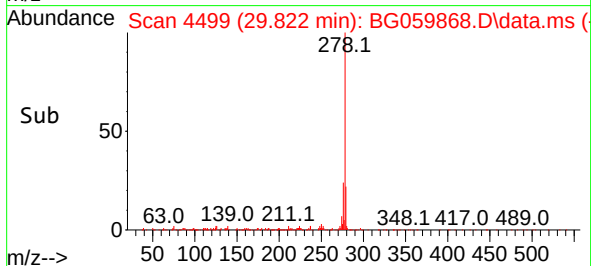
279 21.9 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/28/2023



#92

Benzo(g,h,i)perylene

Concen: 47.516 ng

RT: 31.056 min Scan# 4709

Delta R.T. -0.038 min

Lab File: BG059868.D

Acq: 24 Nov 2023 21:44

Tgt Ion:276 Resp: 603350

Ion Ratio Lower Upper

276 100

277 22.5 17.3 25.9

138 5.6 2.6 4.0

