

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101623\
 Data File : BG059456.D
 Acq On : 16 Oct 2023 14:24
 Operator : MA/JU
 Sample : 03573-01
 Misc : SFAM-MDL-WATER-01
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-QT3-2023-05

Quant Time: Oct 17 03:44:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 17:05:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	29742	20.000	ng/ul	0.00
20) Naphthalene-d8	11.061	136	139472	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.857	164	91154	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.606	188	210056	20.000	ng/ul	0.00
79) Chrysene-d12	21.913	240	230017	20.000	ng/ul	0.00
88) Perylene-d12	25.385	264	258733	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.517	96	6367	6.713	ng/uL	0.00
4) Pyridine-d5	3.946	84	106501	41.029	ng/ul	0.00
7) Phenol-d5	7.342	99	85476	26.248	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.536	67	48466	26.114	ng/ul	0.00
11) 2-Chlorophenol-d4	7.735	132	63876	27.566	ng/ul	0.00
15) 4-Methylphenol-d8	8.911	113	61476	24.759	ng/ul	0.00
21) Nitrobenzene-d5	9.416	128	29461	25.578	ng/ul	0.00
24) 2-Nitrophenol-d4	10.139	143	32621	29.012	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.667	165	56910	24.356	ng/ul	0.00
31) 4-Chloroaniline-d4	11.208	131	90454	24.394	ng/ul	0.00
46) Dimethylphthalate-d6	14.251	166	195856	25.360	ng/ul	0.00
49) Acenaphthylene-d8	14.557	160	232387	24.956	ng/ul	0.00
54) 4-Nitrophenol-d4	15.050	143	31608	23.694	ng/ul	0.00
60) Fluorene-d10	15.844	176	182681	25.130	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.955	200	32092	25.004	ng/ul	0.00
73) Anthracene-d10	17.706	188	284246	26.320	ng/ul	0.00
81) Pyrene-d10	19.980	212	342906	24.544	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.144	264	365149	25.779	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.564	88	2515m	2.132	ng/uL	
5) Pyridine	3.975	79	14616	5.701	ng/ul#	74
6) Benzaldehyde	7.365	77	8421	5.882	ng/ul#	82
8) Phenol	7.371	94	13054	4.023	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.630	93	10674	4.197	ng/ul	96
12) 2-Chlorophenol	7.765	128	10786	4.535	ng/ul#	89
13) 2-Methylphenol	8.652	108	9057	3.807	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.728	45	23351	4.385	ng/ul#	98
16) Acetophenone	9.063	105	14821	3.977	ng/ul#	82
17) N-Nitroso-di-n-propyla...	9.022	70	7838	4.586	ng/ul#	81
18) 4-Methylphenol	8.975	108	10213	3.961	ng/ul	86
19) Hexachloroethane	9.298	117	4107	4.484	ng/ul#	80
22) Nitrobenzene	9.463	77	11231	4.370	ng/ul#	95
23) Isophorone	9.968	82	22756	4.169	ng/ul#	90
25) 2-Nitrophenol	10.174	139	5894	4.793	ng/ul#	73
26) 2,4-Dimethylphenol	10.197	107	10381	4.032	ng/ul#	86
27) Bis(2-Chloroethoxy)met...	10.450	93	13174	3.778	ng/ul#	97
29) 2,4-Dichlorophenol	10.691	162	9813	4.358	ng/ul#	94
30) Naphthalene	11.114	128	33908	4.039	ng/ul	95
32) 4-Chloroaniline	11.231	127	13652	3.921	ng/ul	95
33) Hexachlorobutadiene	11.337	225	6302	4.231	ng/ul#	84
34) Caprolactam	12.013	113	2844m	3.576	ng/ul	
35) 4-Chloro-3-methylphenol	12.312	107	8493	3.692	ng/ul#	80
36) 2-Methylnaphthalene	12.700	142	22406	4.137	ng/ul	90

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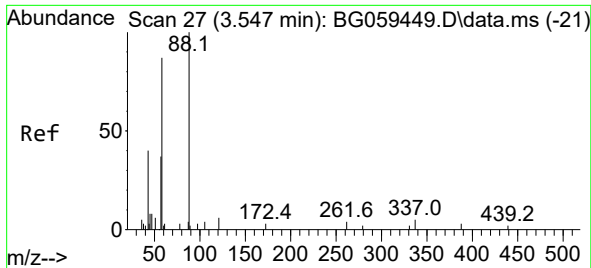
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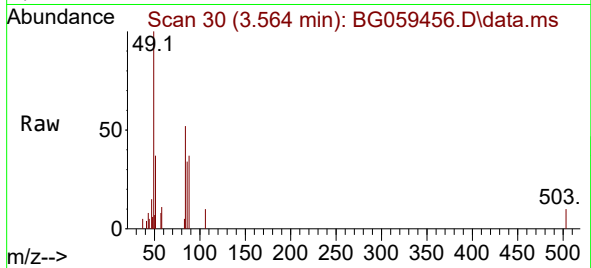
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.923	142	22251	4.034	ng/ul#	91
39) 1,2,4,5-Tetrachloroben...	13.041	216	11733	3.986	ng/ul	93
40) Hexachlorocyclopentadiene	12.994	237	9206	5.407	ng/ul#	74
41) 2,4,6-Trichlorophenol	13.288	196	7228	3.995	ng/ul	96
42) 2,4,5-Trichlorophenol	13.358	196	7012m	3.522	ng/ul	
43) 1,1'-Biphenyl	13.693	154	32553	3.993	ng/ul	93
44) 2-Chloronaphthalene	13.746	162	24566	3.939	ng/ul	92
45) 2-Nitroaniline	13.958	65	6549	3.952	ng/ul#	60
47) Dimethylphthalate	14.298	163	31011	4.006	ng/ul	97
48) 2,6-Dinitrotoluene	14.445	165	5863	4.113	ng/ul	89
50) Acenaphthylene	14.592	152	40538	4.119	ng/ul	95
51) 3-Nitroaniline	14.786	138	5607	3.711	ng/ul#	89
52) Acenaphthene	14.921	153	27291	4.053	ng/ul	90
53) 2,4-Dinitrophenol	14.980	184	3267	4.331	ng/ul#	69
55) 4-Nitrophenol	15.056	109	3501	3.731	ng/ul#	78
56) Dibenzofuran	15.256	168	38494	4.227	ng/ul	99
57) 2,4-Dinitrotoluene	15.227	165	8016	3.998	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.468	232	6712	3.773	ng/ul#	93
59) Diethylphthalate	15.644	149	31343	4.190	ng/ul	94
61) Fluorene	15.902	166	29326	3.839	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.879	204	15241	3.974	ng/ul	93
63) 4-Nitroaniline	15.943	138	6063	4.145	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.973	198	5338	3.889	ng/ul#	71
67) N-Nitrosodiphenylamine	16.102	169	26246	4.275	ng/ul	89
68) 4-Bromophenyl-phenylether	16.784	248	10406	4.519	ng/ul#	77
69) Hexachlorobenzene	16.872	284	10940	4.144	ng/ul#	85
70) Atrazine	17.036	200	10436	4.307	ng/ul#	89
71) Pentachlorophenol	17.230	266	8881	5.936	ng/ul#	91
72) Phenanthrene	17.653	178	57974	4.438	ng/ul	98
74) Anthracene	17.741	178	57186	4.248	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.652	216	11261	3.722	ng/uL#	67
76) Pentachlorobenzene	15.150	250	12331	4.213	ng/uL	95
77) Carbazole	18.017	167	46711	4.031	ng/ul#	93
78) Di-n-butylphthalate	18.523	149	55596	4.216	ng/ul#	98
80) Fluoranthene	19.645	202	65338	3.850	ng/ul#	95
82) Pyrene	20.015	202	73150	4.056	ng/ul	96
83) Butylbenzylphthalate	20.867	149	22201	3.646	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.807	252	29981	5.028	ng/ul#	84
85) Benzo(a)anthracene	21.889	228	72996m	4.022	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.719	149	34128	3.886	ng/ul#	95
87) Chrysene	21.960	228	71273	4.168	ng/ul	94
89) Di-n-octyl phthalate	23.012	149	57573	3.760	ng/ul	100
90) Benzo(b)fluoranthene	24.263	252	74430m	4.235	ng/ul	
91) Benzo(k)fluoranthene	24.334	252	72296	4.013	ng/ul	99
93) Benzo(a)pyrene	25.221	252	71826	4.262	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	29.410	276	75741m	3.997	ng/ul	
95) Dibenzo(a,h)anthracene	29.481	278	60549m	3.866	ng/ul	
96) Benzo(g,h,i)perylene	30.673	276	63506m	4.127	ng/ul	

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



#2
1,4-Dioxane
Concen: 2.132 ng/uL m
RT: 3.564 min Scan# 30
Delta R.T. 0.014 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

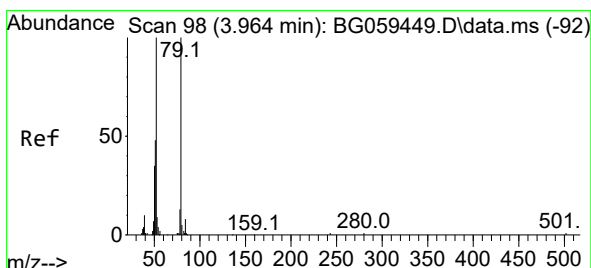
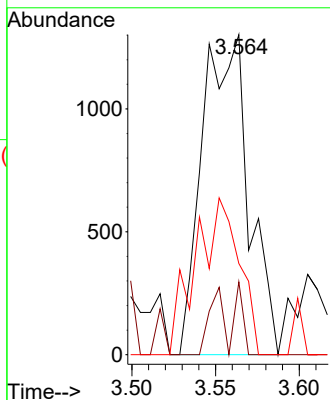
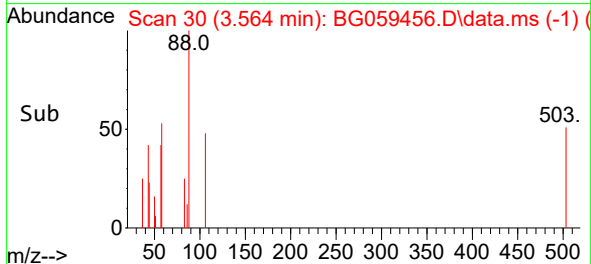
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT3-2023-05



Tgt Ion: 88 Resp: 251
Ion Ratio Lower Upper
88 100
43 22.7 21.7 32.5
58 28.5 80.7 121.1

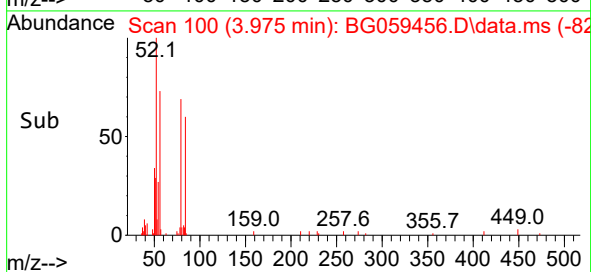
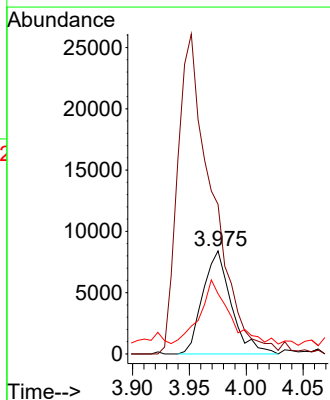
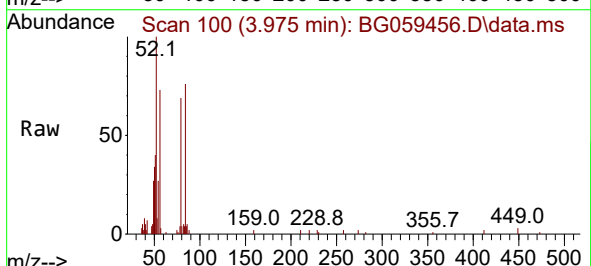
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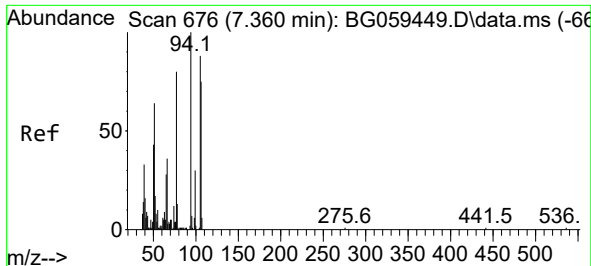
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#5
Pyridine
Concen: 5.701 ng/uL
RT: 3.975 min Scan# 100
Delta R.T. 0.008 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

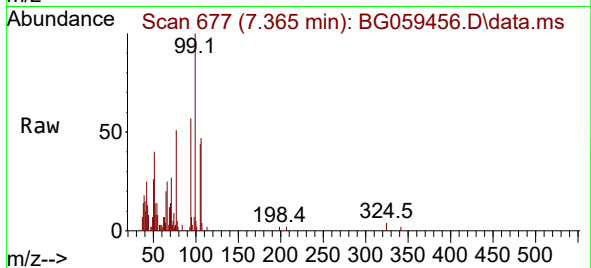
Tgt Ion: 79 Resp: 14616
Ion Ratio Lower Upper
79 100
52 145.3 87.2 130.8
51 58.5 41.9 62.9





#6
Benzaldehyde
Concen: 5.882 ng/ul
RT: 7.365 min Scan# 676
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

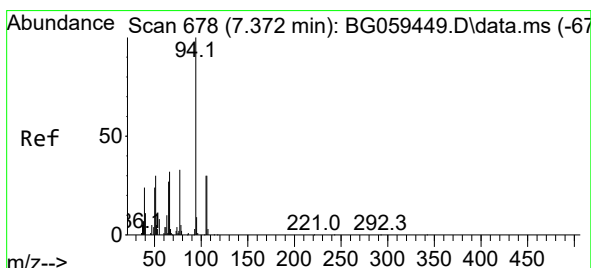
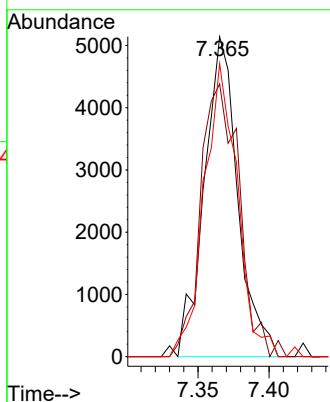
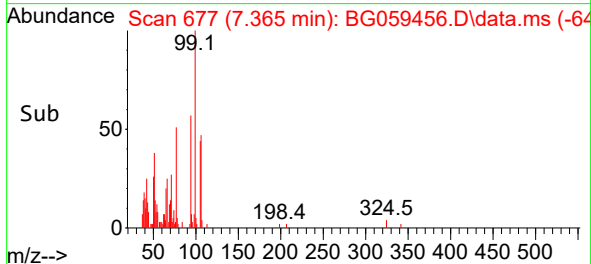
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT3-2023-05



Tgt Ion: 77 Resp: 842
Ion Ratio Lower Upper
77 100
105 85.2 90.0 135.0
106 91.6 80.3 120.5

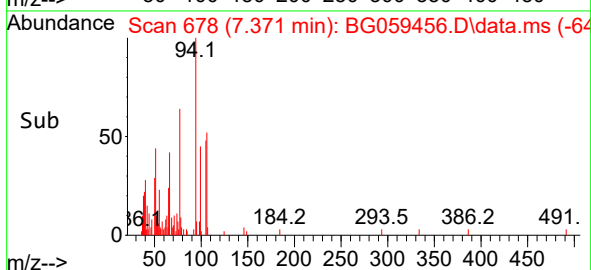
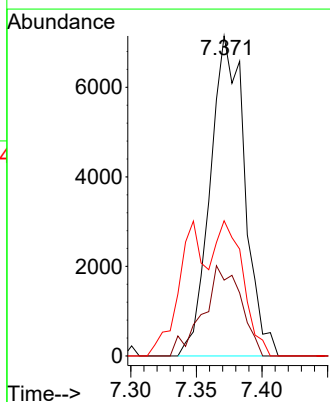
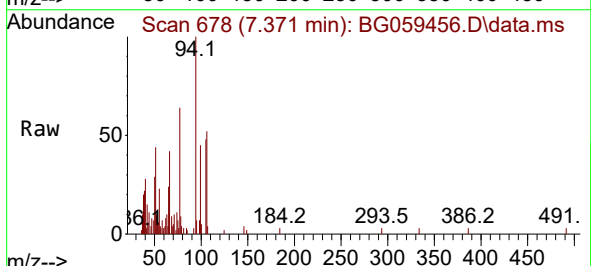
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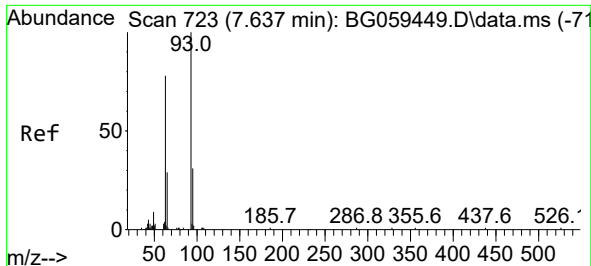
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#8
Phenol
Concen: 4.023 ng/ul
RT: 7.371 min Scan# 678
Delta R.T. -0.003 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

Tgt Ion: 94 Resp: 13054
Ion Ratio Lower Upper
94 100
65 23.7 20.9 31.3
66 42.3 31.1 46.7





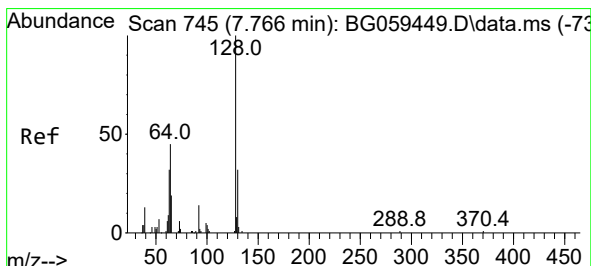
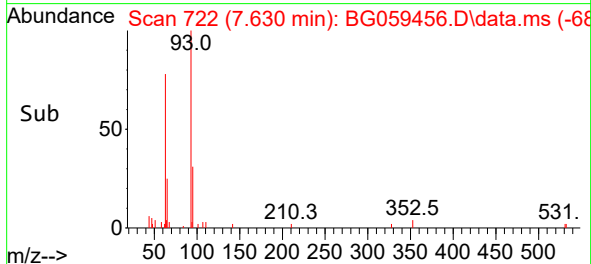
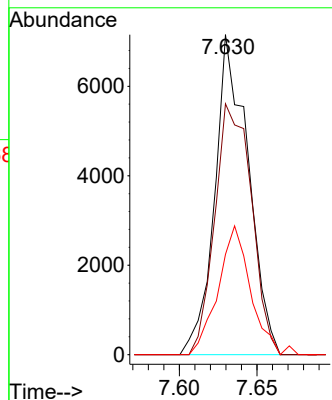
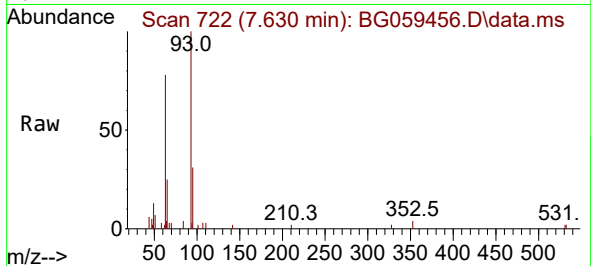
#10
Bis(2-Chloroethyl)ether
Concen: 4.197 ng/ul
RT: 7.630 min Scan# 723
Delta R.T. -0.003 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

Instrument : BNA_G
ClientSampleId : MDL-WATER-QT3-2023-05

Tgt Ion: 93 Resp: 10674
Ion Ratio Lower Upper
93 100
63 78.4 65.4 98.0
95 31.4 23.8 35.6

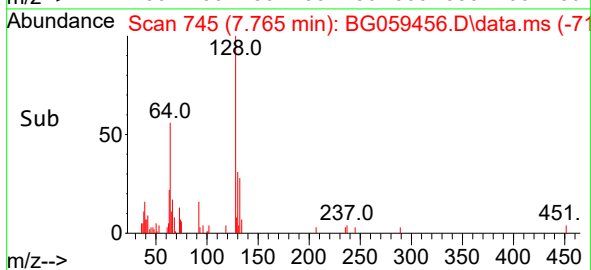
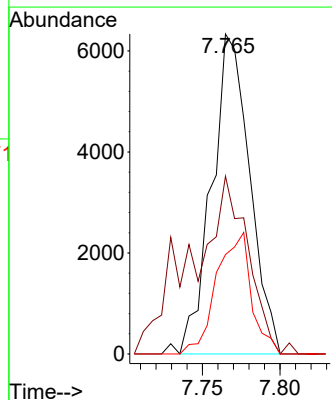
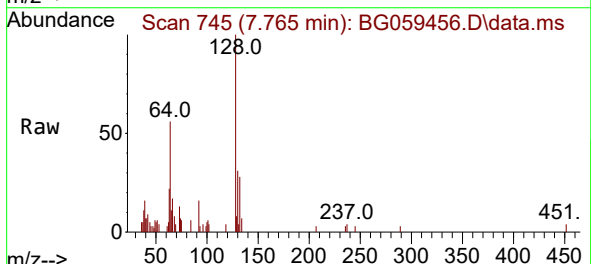
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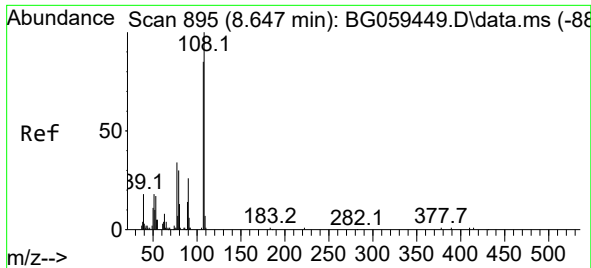
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#12
2-Chlorophenol
Concen: 4.535 ng/ul
RT: 7.765 min Scan# 745
Delta R.T. -0.003 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

Tgt Ion:128 Resp: 10786
Ion Ratio Lower Upper
128 100
64 55.6 35.6 53.4#
130 31.1 26.2 39.4





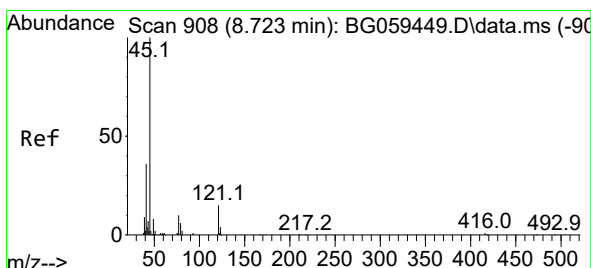
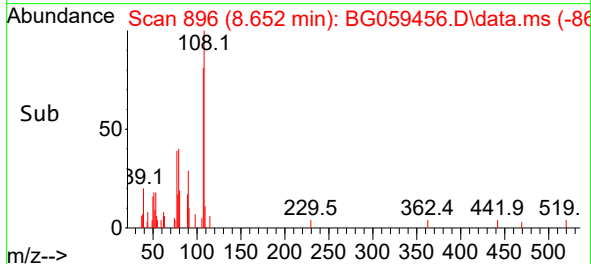
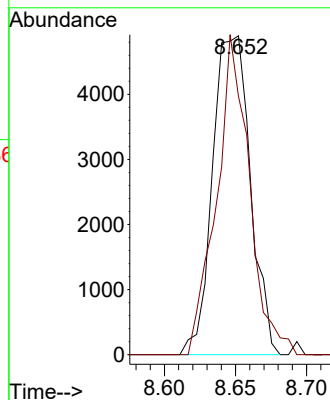
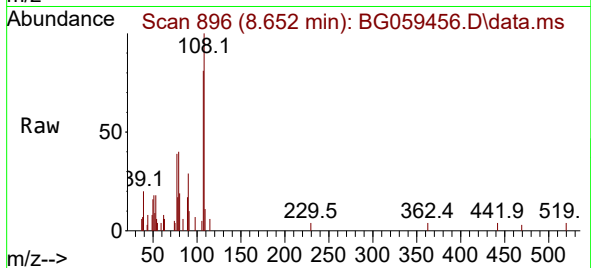
#13
2-Methylphenol
Concen: 3.807 ng/ul
RT: 8.652 min Scan# 895
Delta R.T. 0.008 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT3-2023-05

Tgt Ion:108 Resp: 905
Ion Ratio Lower Upper
108 100
107 81.1 65.9 98.9

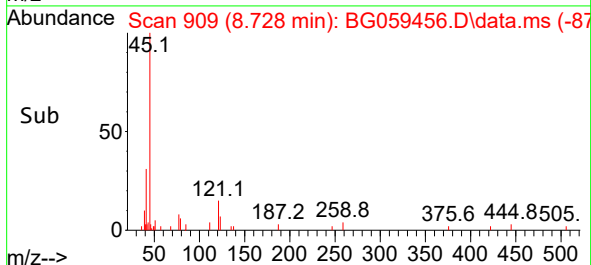
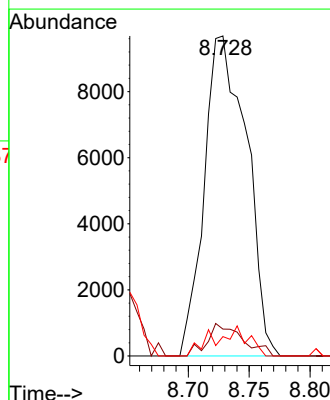
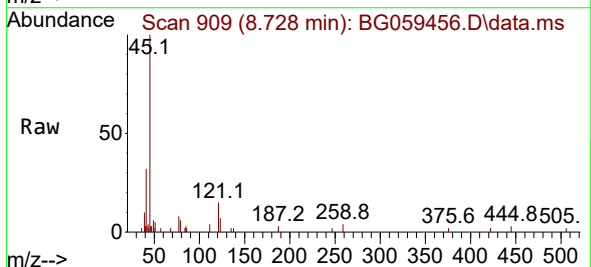
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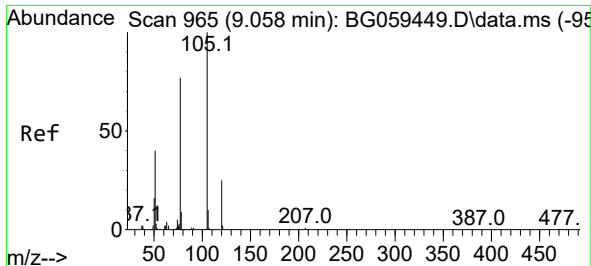
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.385 ng/ul
RT: 8.728 min Scan# 909
Delta R.T. 0.008 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

Tgt Ion: 45 Resp: 23351
Ion Ratio Lower Upper
45 100
77 8.4 6.8 10.2
79 6.1 3.8 5.8#





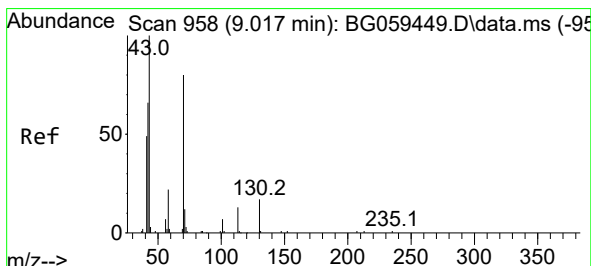
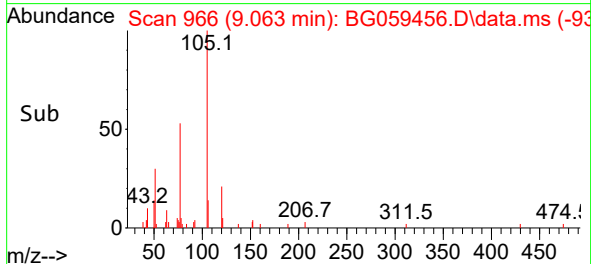
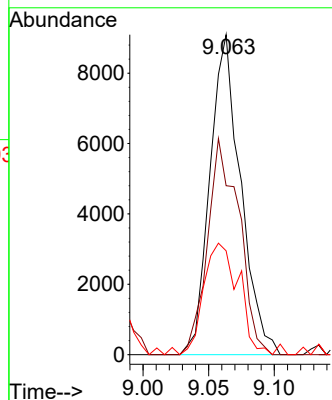
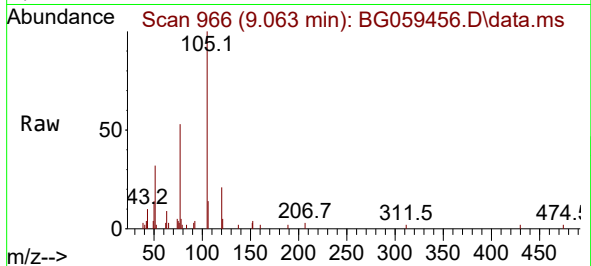
#16
Acetophenone
Concen: 3.977 ng/ul
RT: 9.063 min Scan# 90
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT3-2023-05

Tgt Ion:105 Resp: 1482
Ion Ratio Lower Upper
105 100
77 52.8 57.7 86.5
51 32.4 29.7 44.5

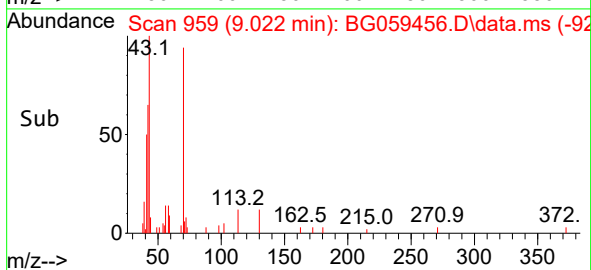
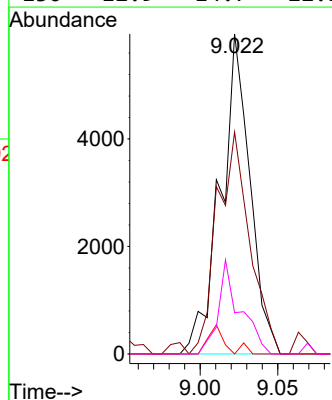
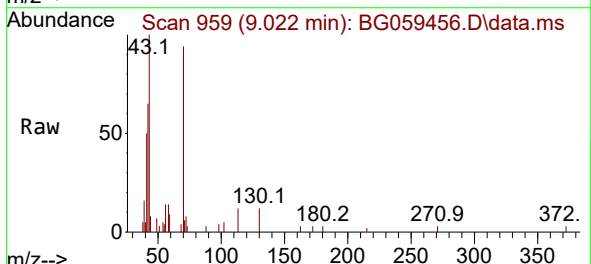
Manual Integrations
APPROVED

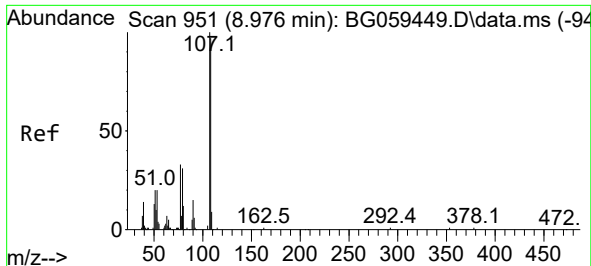
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.586 ng/ul
RT: 9.022 min Scan# 959
Delta R.T. -0.003 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

Tgt Ion: 70 Resp: 7838
Ion Ratio Lower Upper
70 100
42 69.3 70.0 105.0#
101 0.0 7.2 10.8#
130 12.9 14.7 22.1#





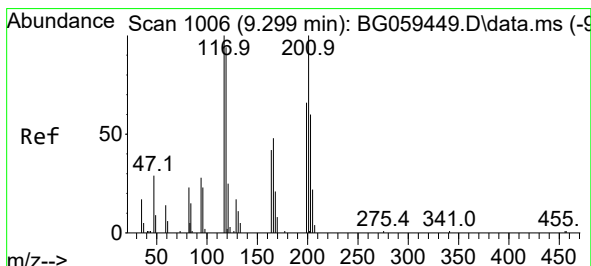
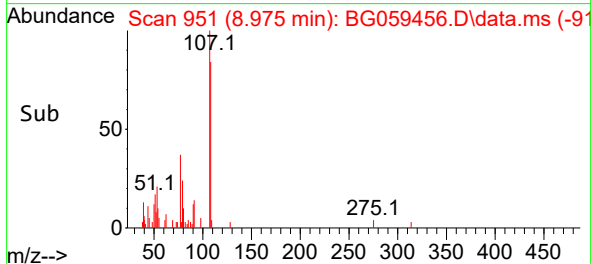
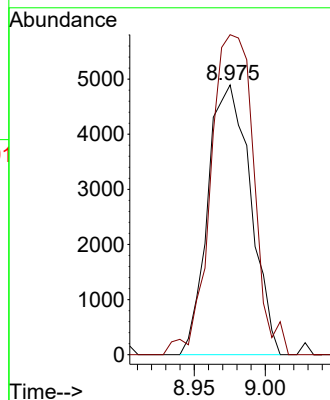
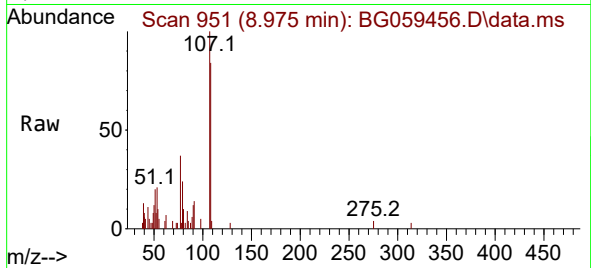
#18
4-Methylphenol
Concen: 3.961 ng/ul
RT: 8.975 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

Instrument : BNA_G
ClientSampleId : MDL-WATER-QT3-2023-05

Tgt Ion:108 Resp: 1021
Ion Ratio Lower Upper
108 100
107 118.7 83.4 125.2

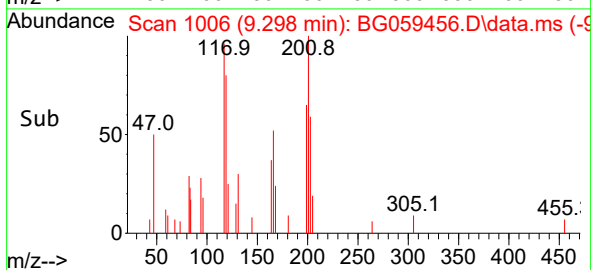
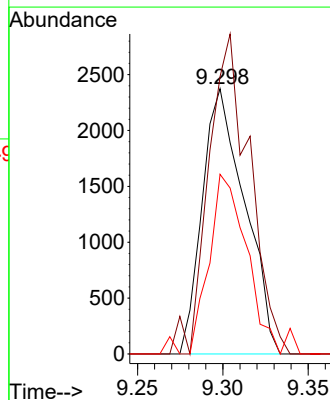
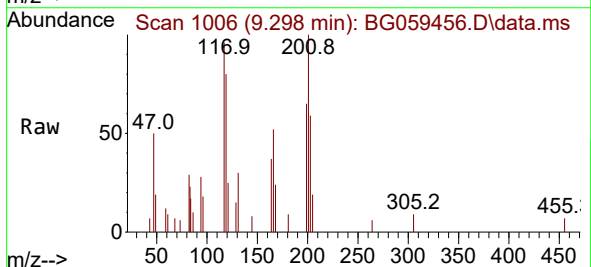
Manual Integrations
APPROVED

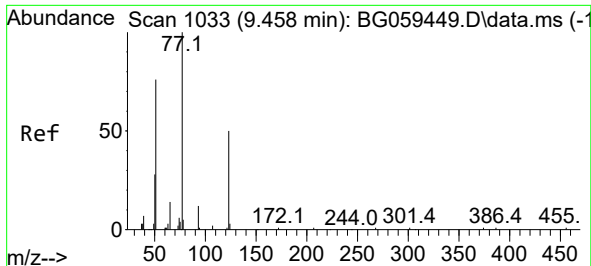
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#19
Hexachloroethane
Concen: 4.484 ng/ul
RT: 9.298 min Scan# 1006
Delta R.T. -0.003 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

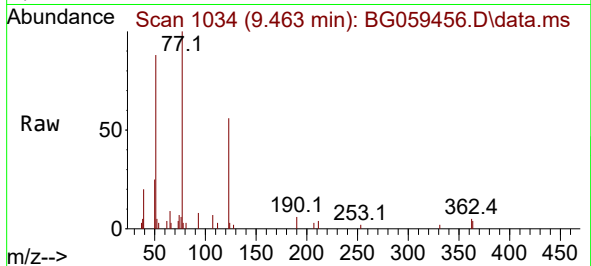
Tgt Ion:117 Resp: 4107
Ion Ratio Lower Upper
117 100
201 104.5 97.4 146.2
199 67.7 73.6 110.4#





#22
Nitrobenzene
Concen: 4.370 ng/ul
RT: 9.463 min Scan# 1123
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

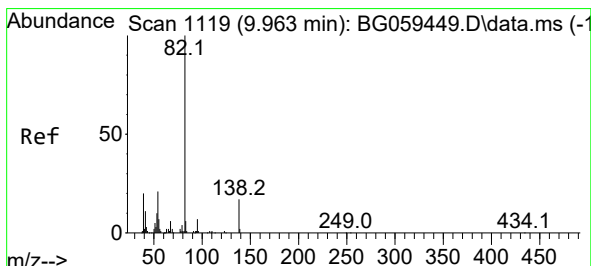
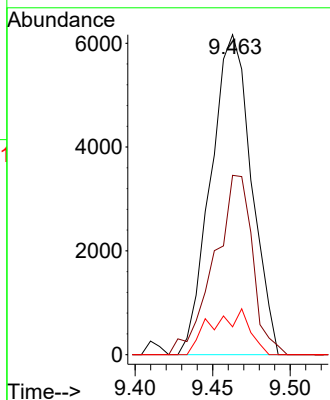
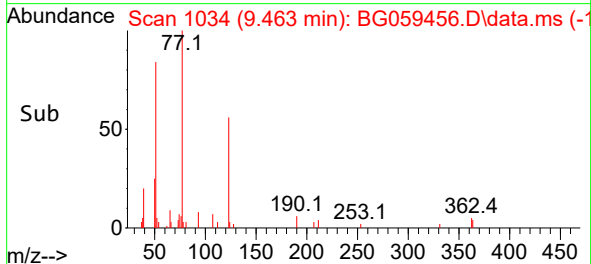
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT3-2023-05



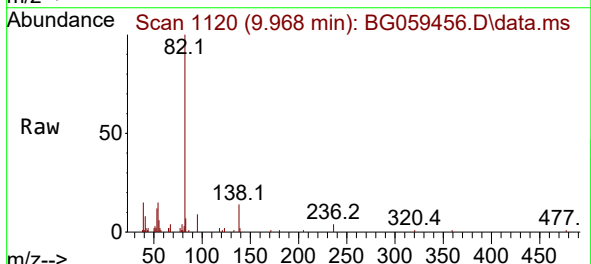
Tgt Ion: 77 Resp: 1123
Ion Ratio Lower Upper
77 100
123 56.1 43.5 65.3
65 8.7 12.1 18.1

Manual Integrations
APPROVED

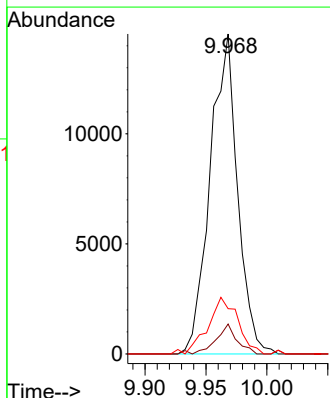
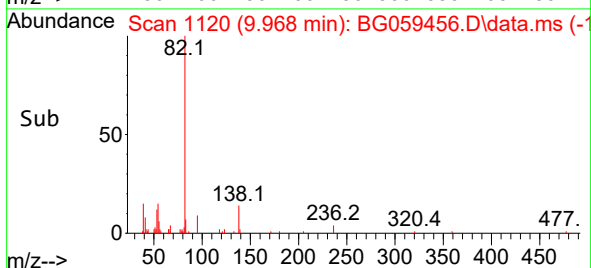
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

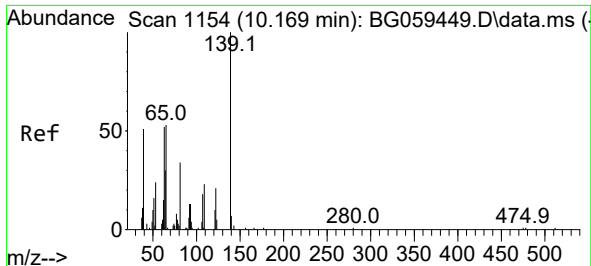


#23
Isophorone
Concen: 4.169 ng/ul
RT: 9.968 min Scan# 1120
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24



Tgt Ion: 82 Resp: 22756
Ion Ratio Lower Upper
82 100
95 9.3 6.1 9.1#
138 14.1 15.5 23.3#





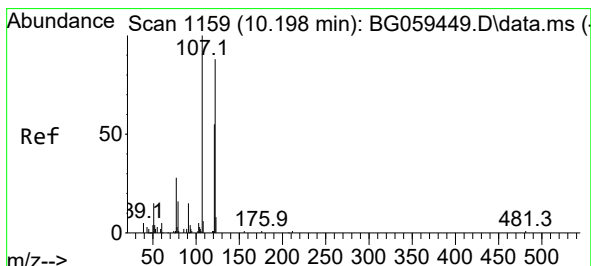
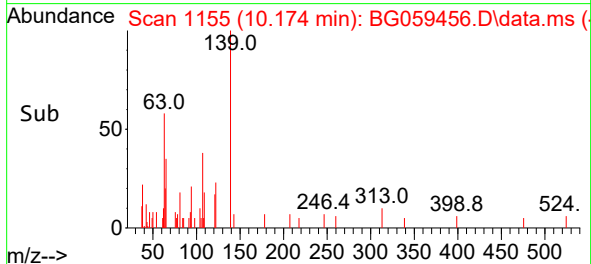
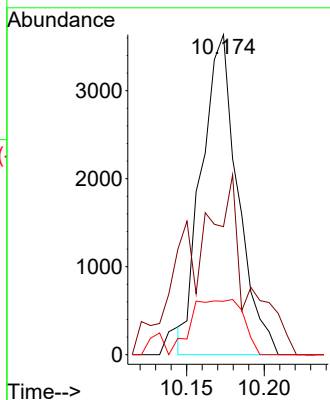
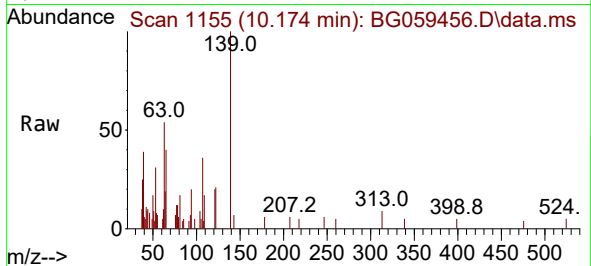
#25
2-Nitrophenol
Concen: 4.793 ng/ul
RT: 10.174 min Scan# 1154
Delta R.T. 0.008 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT3-2023-05

Tgt Ion:139 Resp: 5894
Ion Ratio Lower Upper
139 100
65 40.0 49.4 74.0
109 16.7 23.9 35.9

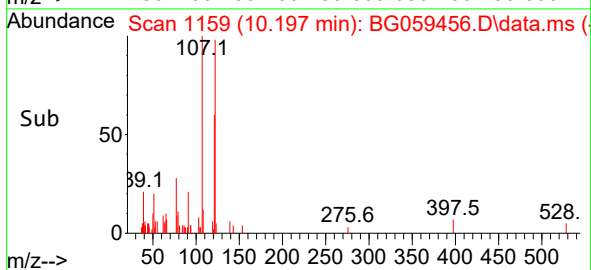
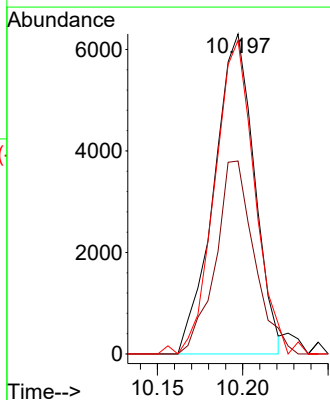
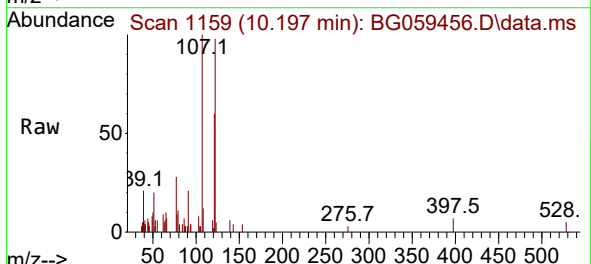
Manual Integrations
APPROVED

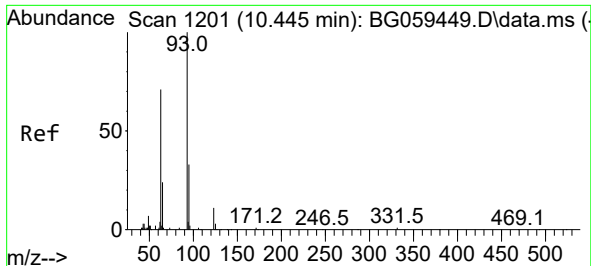
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#26
2,4-Dimethylphenol
Concen: 4.032 ng/ul
RT: 10.197 min Scan# 1159
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

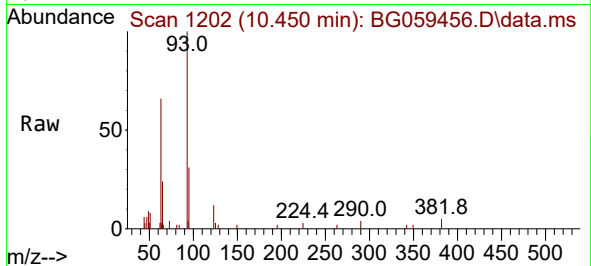
Tgt Ion:107 Resp: 10381
Ion Ratio Lower Upper
107 100
121 60.3 44.0 66.0
122 98.0 65.1 97.7





#27
Bis(2-Chloroethoxy)methane
Concen: 3.778 ng/ul
RT: 10.450 min Scan# 1201
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

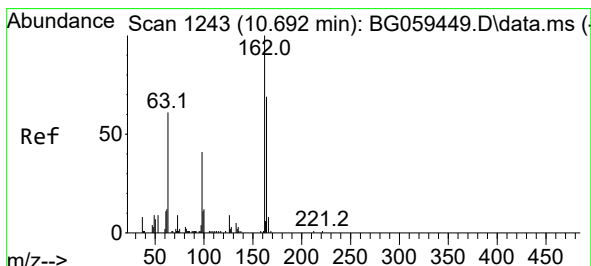
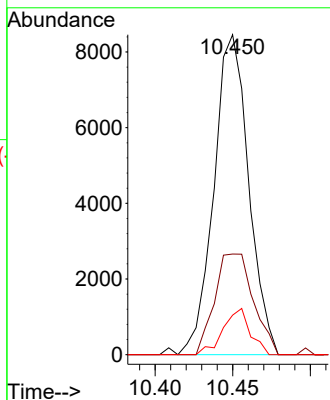
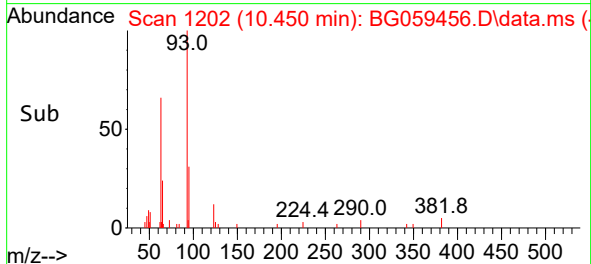
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT3-2023-05



Tgt Ion: 93 Resp: 13174
Ion Ratio Lower Upper
93 100
95 31.5 26.1 39.1
123 12.3 8.0 12.0

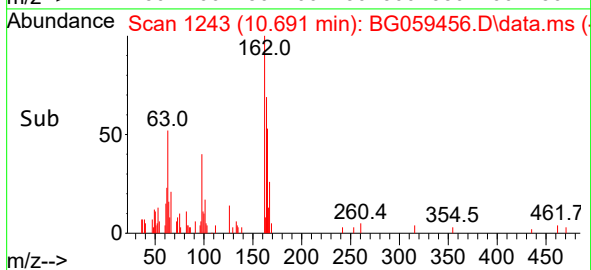
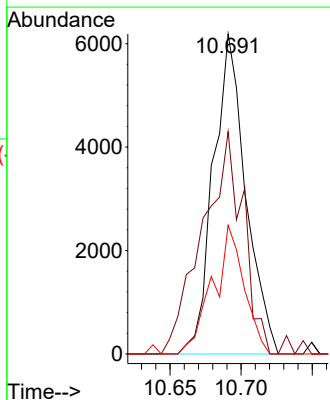
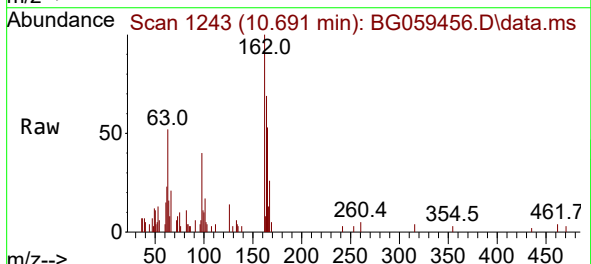
Manual Integrations
APPROVED

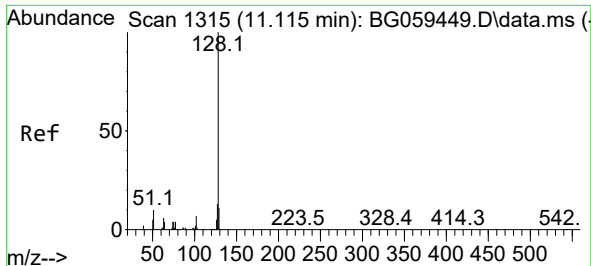
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#29
2,4-Dichlorophenol
Concen: 4.358 ng/ul
RT: 10.691 min Scan# 1243
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

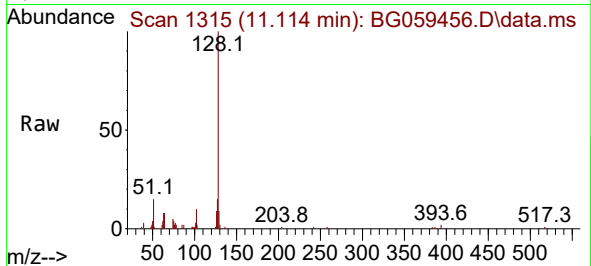
Tgt Ion:162 Resp: 9813
Ion Ratio Lower Upper
162 100
164 69.5 53.5 80.3
98 40.2 26.2 39.4





#30
Naphthalene
Concen: 4.039 ng/ul
RT: 11.114 min Scan# 1315
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

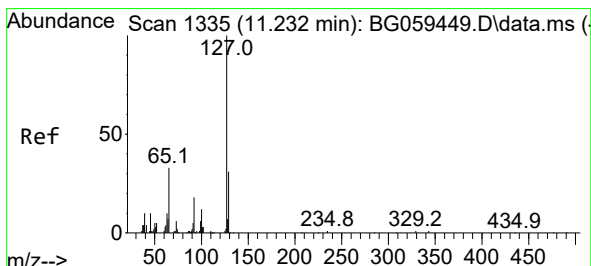
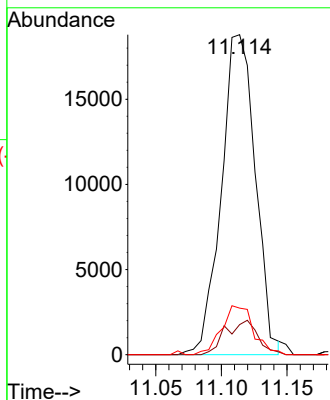
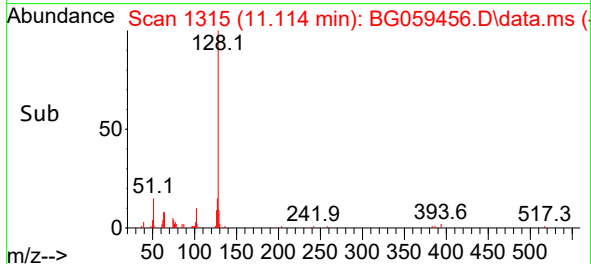
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT3-2023-05



Tgt Ion:128 Resp: 33908
Ion Ratio Lower Upper
128 100
129 9.4 9.4 14.0
127 14.5 10.4 15.6

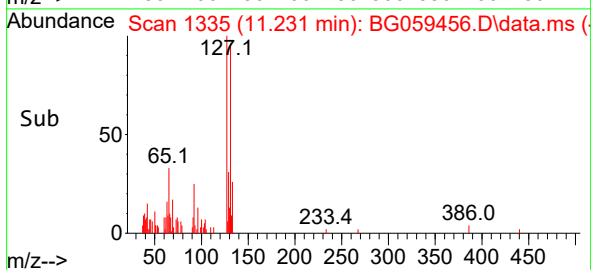
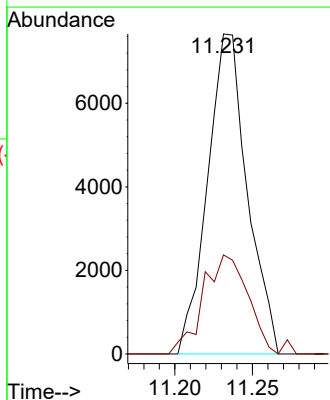
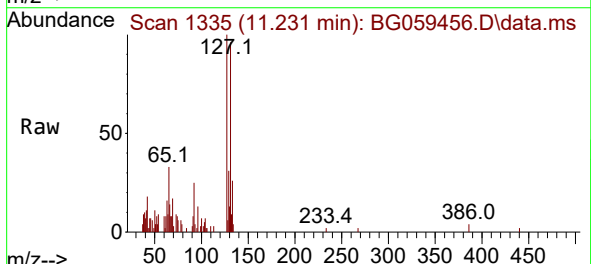
Manual Integrations
APPROVED

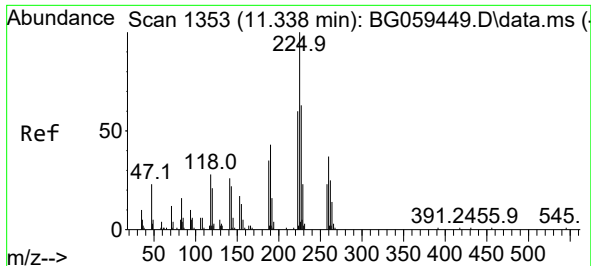
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#32
4-Chloroaniline
Concen: 3.921 ng/ul
RT: 11.231 min Scan# 1335
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

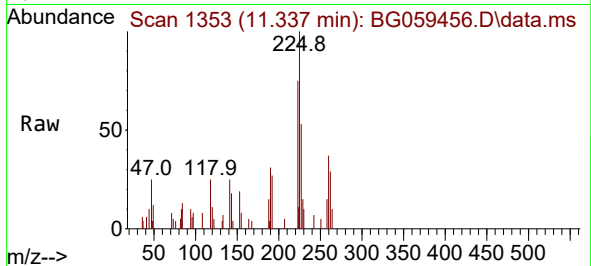
Tgt Ion:127 Resp: 13652
Ion Ratio Lower Upper
127 100
129 31.0 27.0 40.6





#33
Hexachlorobutadiene
Concen: 4.231 ng/ul
RT: 11.337 min Scan# 1135
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

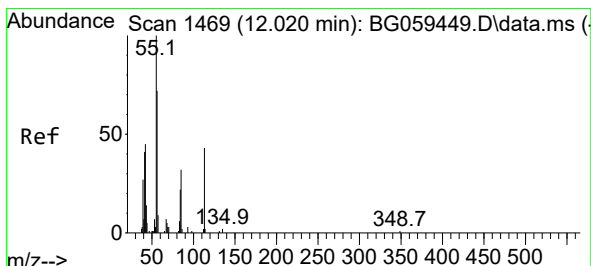
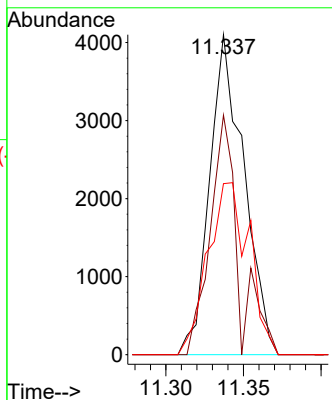
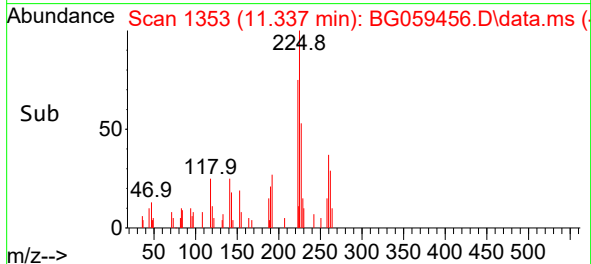
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT3-2023-05



Tgt Ion:225 Resp: 6302
Ion Ratio Lower Upper
225 100
223 74.9 52.4 78.6
227 53.5 55.8 83.8

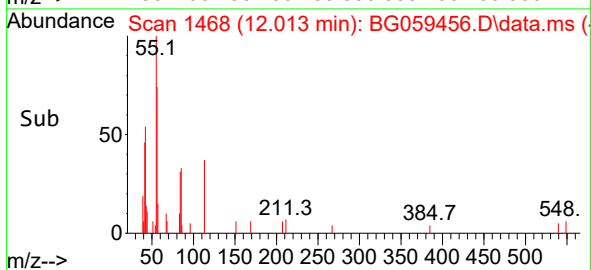
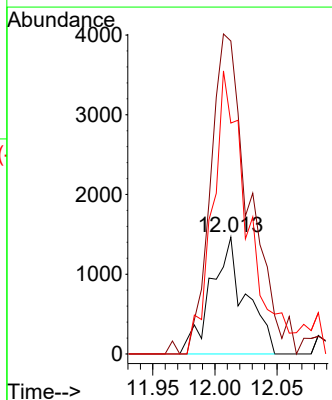
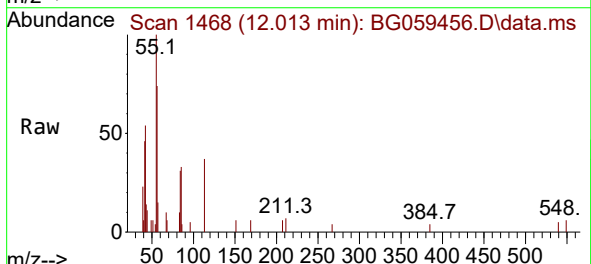
Manual Integrations
APPROVED

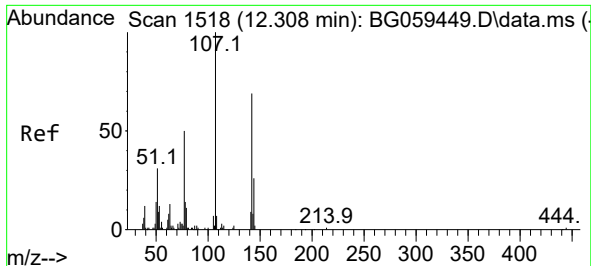
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#34
Caprolactam
Concen: 3.576 ng/ul m
RT: 12.013 min Scan# 1468
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

Tgt Ion:113 Resp: 2844
Ion Ratio Lower Upper
113 100
55 267.9 174.3 261.5#
56 197.7 130.2 195.2#





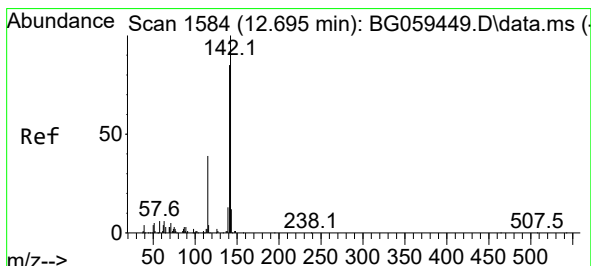
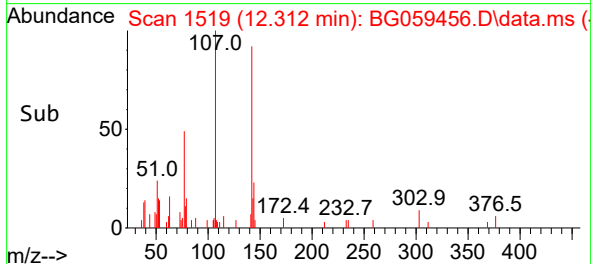
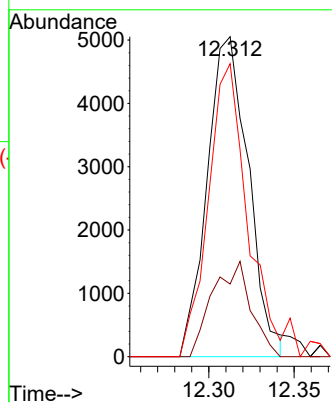
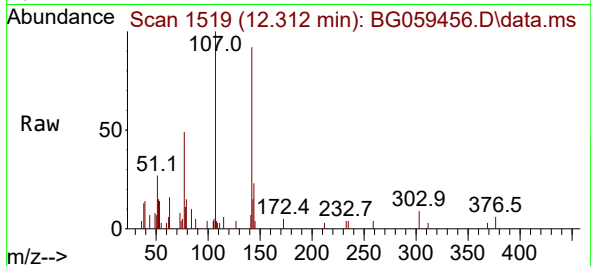
#35
4-Chloro-3-methylphenol
Concen: 3.692 ng/ul
RT: 12.312 min Scan# 1518
Delta R.T. -0.003 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

Instrument : BNA_G
ClientSampleId : MDL-WATER-QT3-2023-05

Tgt Ion:107 Resp: 849
Ion Ratio Lower Upper
107 100
144 22.7 23.0 34.6
142 91.6 57.4 86.0

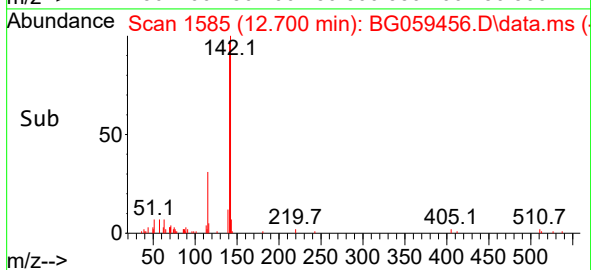
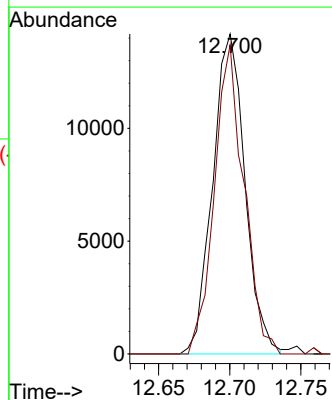
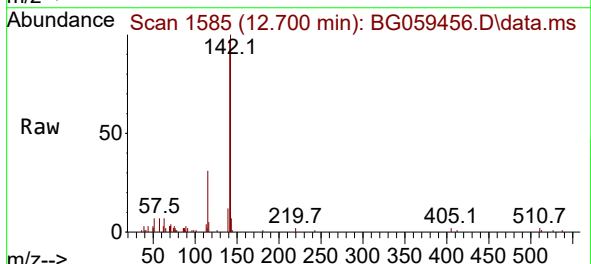
Manual Integrations
APPROVED

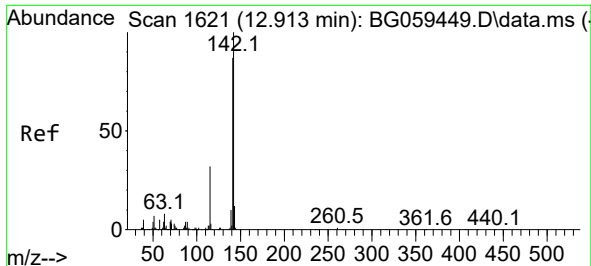
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#36
2-Methylnaphthalene
Concen: 4.137 ng/ul
RT: 12.700 min Scan# 1585
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

Tgt Ion:142 Resp: 22406
Ion Ratio Lower Upper
142 100
141 96.6 70.0 105.0





#37

1-Methylnaphthalene

Concen: 4.034 ng/ul

RT: 12.923 min Scan# 1

Delta R.T. 0.008 min

Lab File: BG059456.D

Acq: 16 Oct 2023 14:24

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-QT3-2023-05

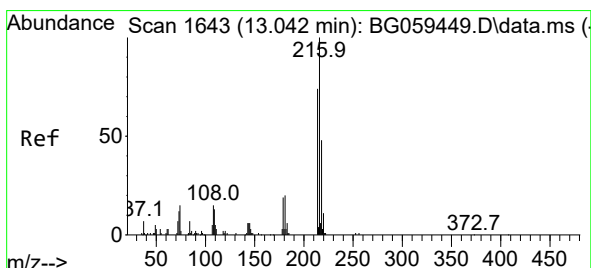
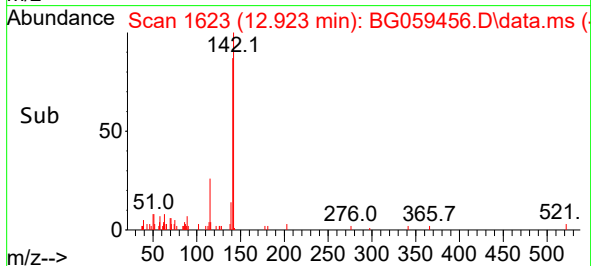
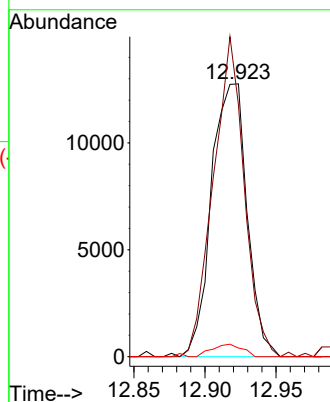
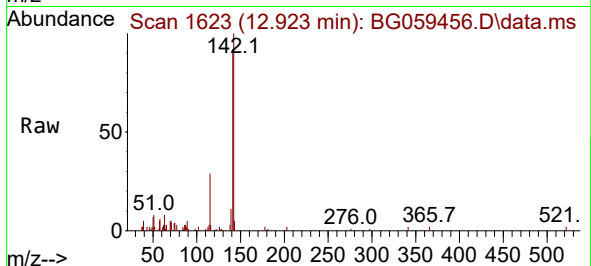
Tgt Ion:	142	Resp:	2225
Ion Ratio	Lower	Upper	
142	100		
141	92.3	81.3	121.9
116	3.2	3.4	5.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.986 ng/ul

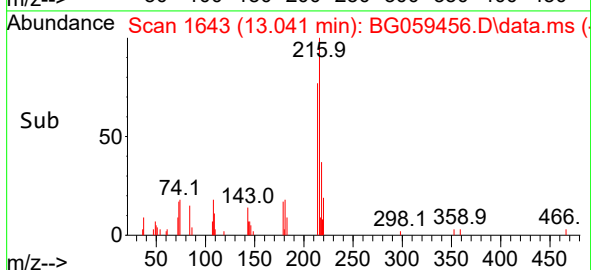
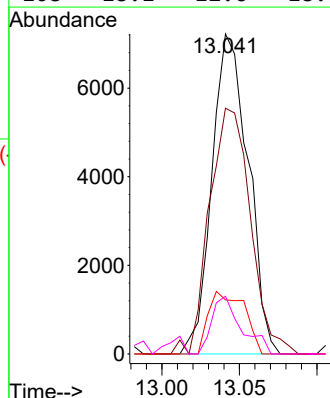
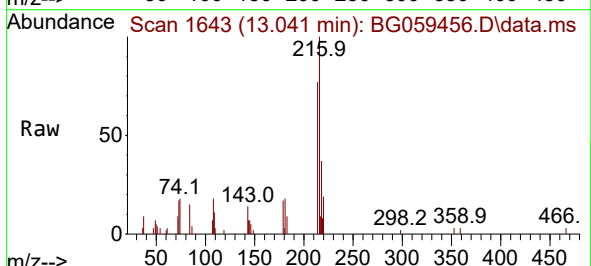
RT: 13.041 min Scan# 1643

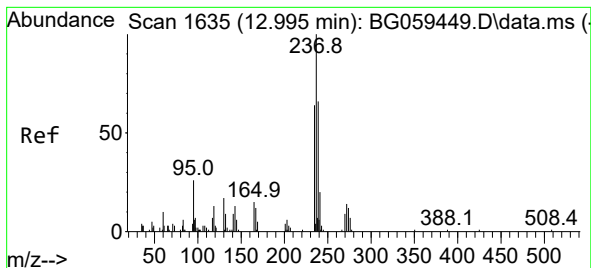
Delta R.T. -0.003 min

Lab File: BG059456.D

Acq: 16 Oct 2023 14:24

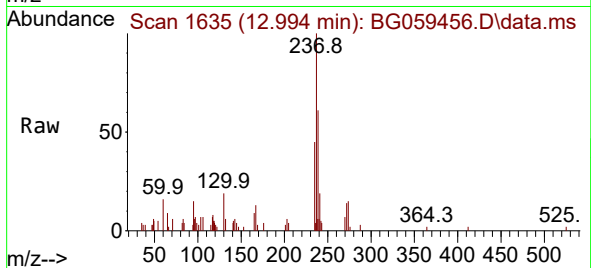
Tgt Ion:	216	Resp:	11733
Ion Ratio	Lower	Upper	
216	100		
214	76.8	66.9	100.3
179	16.9	15.6	23.4
108	18.1	12.6	18.8





#40
Hexachlorocyclopentadiene
Concen: 5.407 ng/ul
RT: 12.994 min Scan# 1635
Delta R.T. -0.003 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

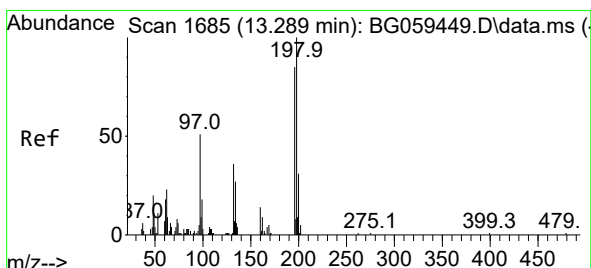
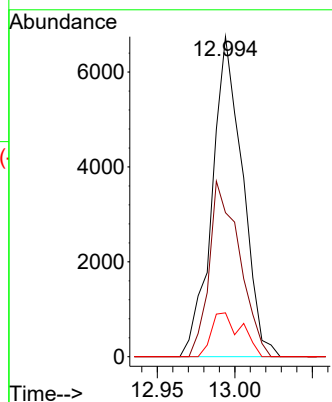
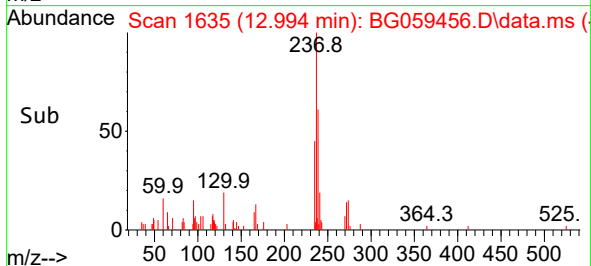
Instrument : BNA_G
ClientSampleId : MDL-WATER-QT3-2023-05



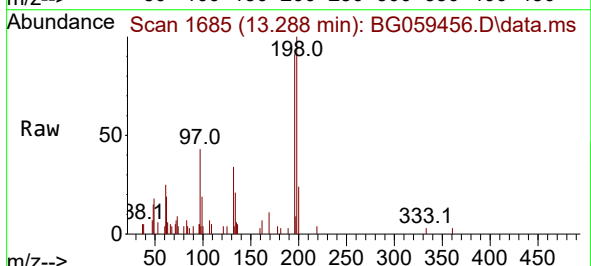
Tgt Ion:237 Resp: 9200
Ion Ratio Lower Upper
237 100
235 45.0 56.5 84.7
272 13.7 10.8 16.2

Manual Integrations
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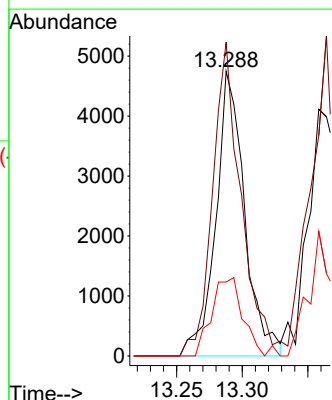
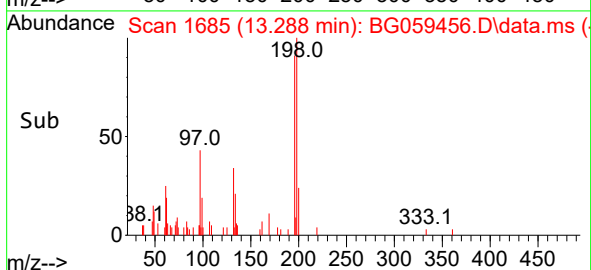
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

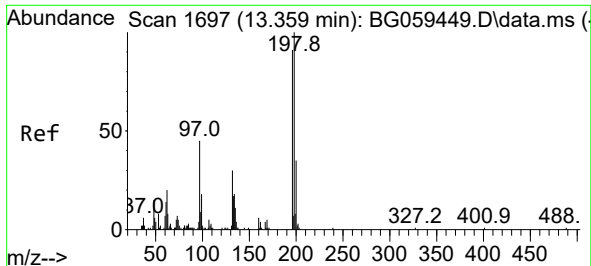


#41
2,4,6-Trichlorophenol
Concen: 3.995 ng/ul
RT: 13.288 min Scan# 1685
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24



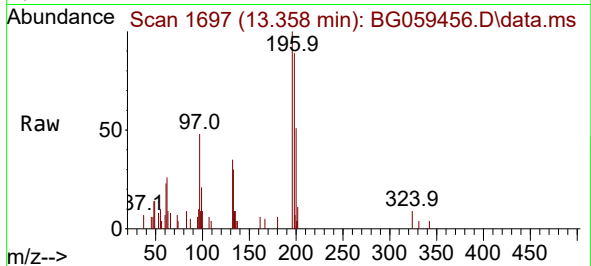
Tgt Ion:196 Resp: 7228
Ion Ratio Lower Upper
196 100
198 110.2 85.7 128.5
200 26.0 24.2 36.4





#42
2,4,5-Trichlorophenol
Concen: 3.522 ng/ul m
RT: 13.358 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

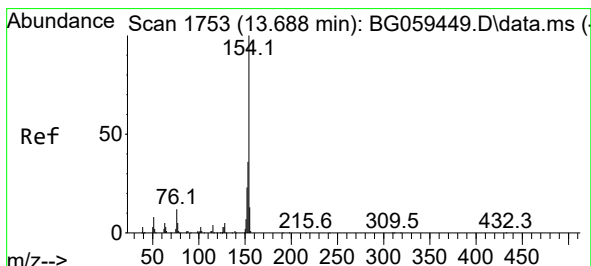
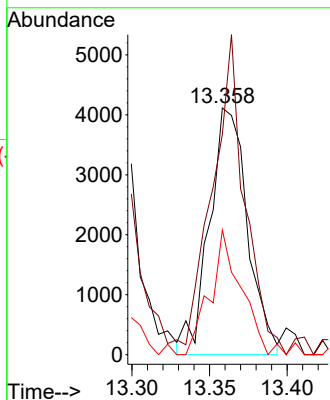
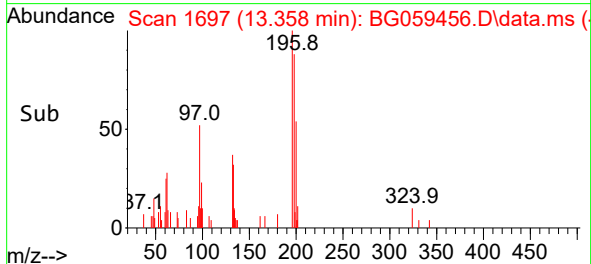
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT3-2023-05



Tgt Ion:196 Resp: 701
Ion Ratio Lower Upper
196 100
198 89.3 80.3 120.5
200 50.5 25.2 37.8

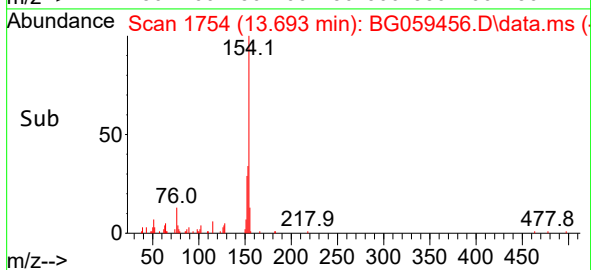
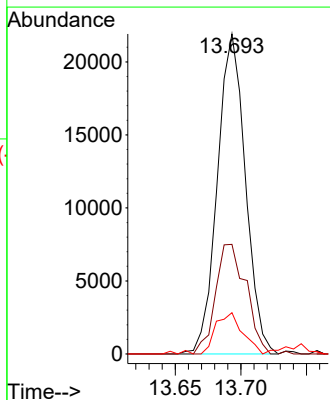
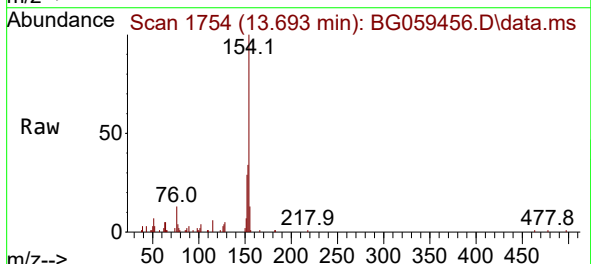
Manual Integrations
APPROVED

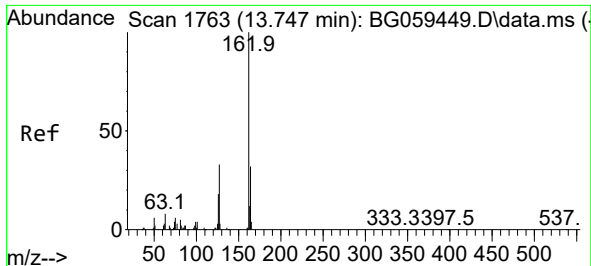
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#43
1,1'-Biphenyl
Concen: 3.993 ng/ul
RT: 13.693 min Scan# 1754
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

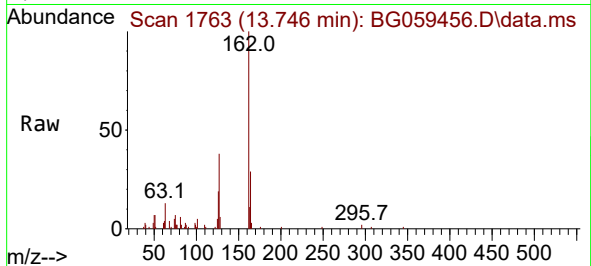
Tgt Ion:154 Resp: 32553
Ion Ratio Lower Upper
154 100
153 34.2 31.3 46.9
76 12.9 9.4 14.0





#44
2-Chloronaphthalene
Concen: 3.939 ng/ul
RT: 13.746 min Scan# 1763
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

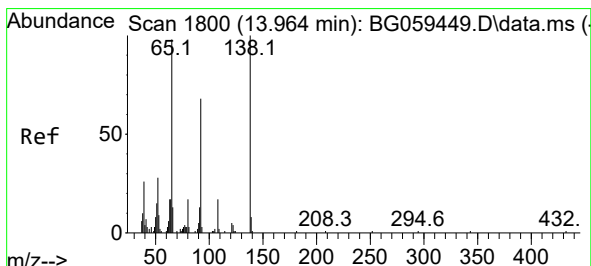
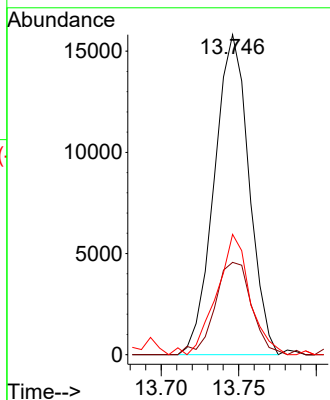
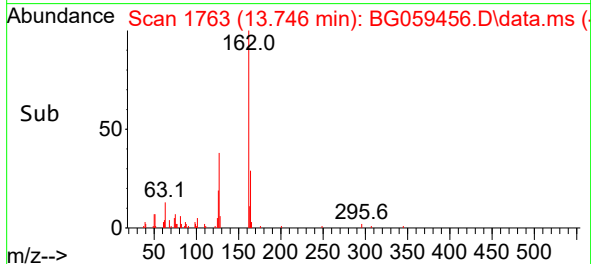
Instrument : BNA_G
ClientSampleId : MDL-WATER-QT3-2023-05



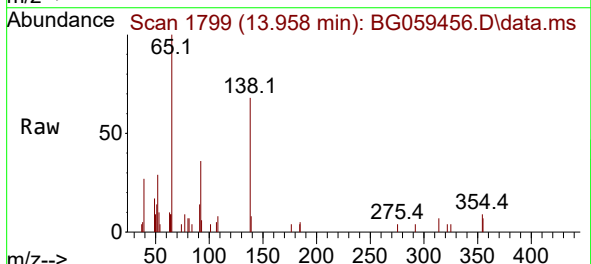
Tgt Ion: 162 Resp: 2456
Ion Ratio Lower Upper
162 100
164 28.9 27.8 41.6
127 37.6 33.4 50.2

Manual Integrations
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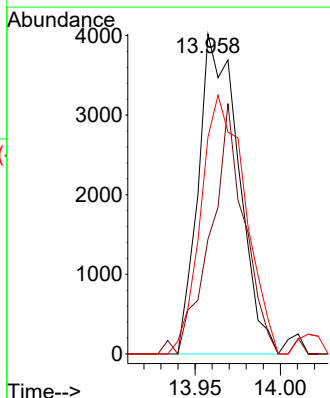
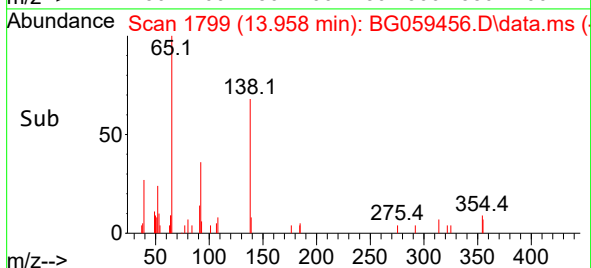
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

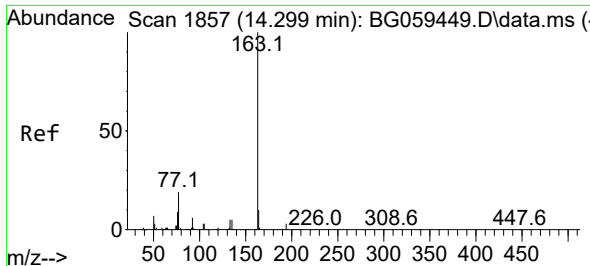


#45
2-Nitroaniline
Concen: 3.952 ng/ul
RT: 13.958 min Scan# 1799
Delta R.T. -0.003 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24



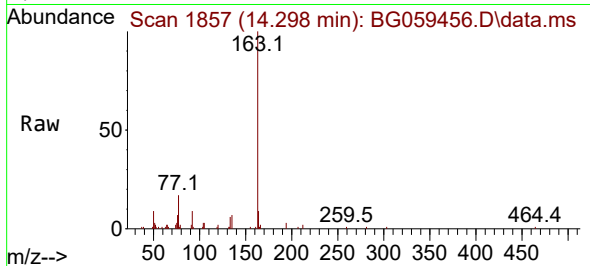
Tgt Ion: 65 Resp: 6549
Ion Ratio Lower Upper
65 100
92 35.8 58.2 87.4#
138 67.7 85.0 127.4#





#47
Dimethylphthalate
Concen: 4.006 ng/ul
RT: 14.298 min Scan# 1857
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

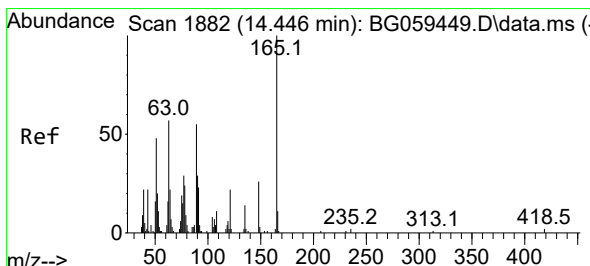
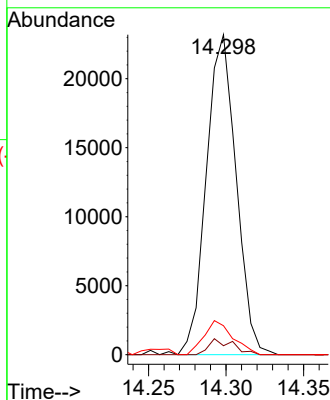
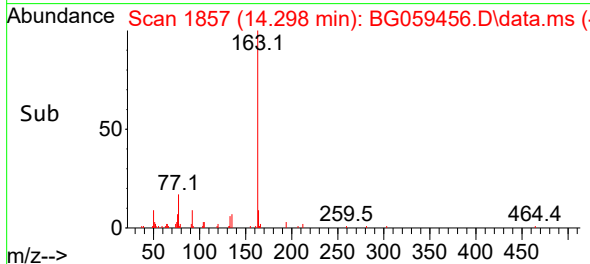
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT3-2023-05



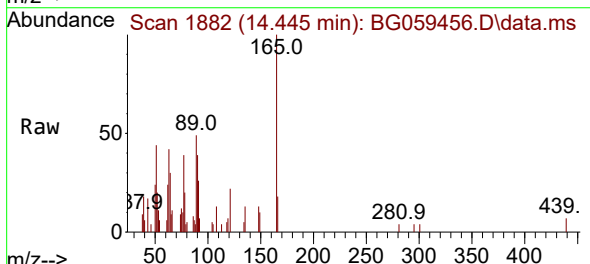
Tgt Ion:163 Resp: 3101
Ion Ratio Lower Upper
163 100
194 2.8 2.4 3.6
164 9.1 8.2 12.4

Manual Integrations
APPROVED

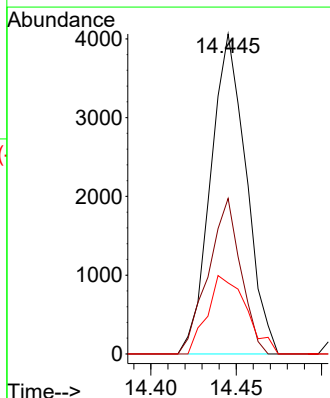
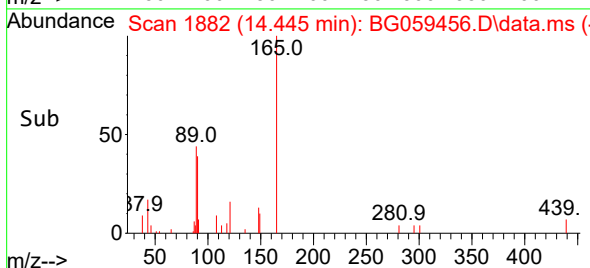
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

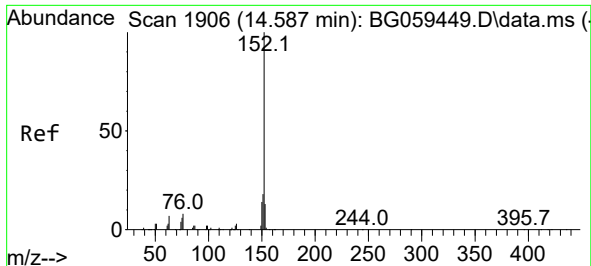


#48
2,6-Dinitrotoluene
Concen: 4.113 ng/ul
RT: 14.445 min Scan# 1882
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24



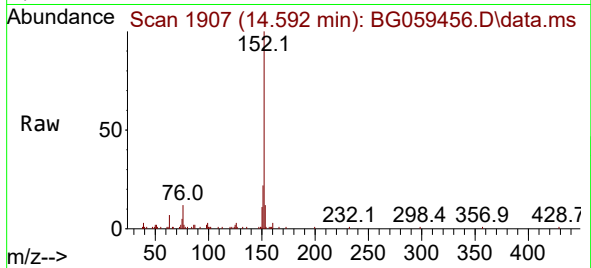
Tgt Ion:165 Resp: 5863
Ion Ratio Lower Upper
165 100
89 48.6 46.2 69.4
121 22.2 15.1 22.7





#50
Acenaphthylene
Concen: 4.119 ng/ul
RT: 14.592 min Scan# 1907
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

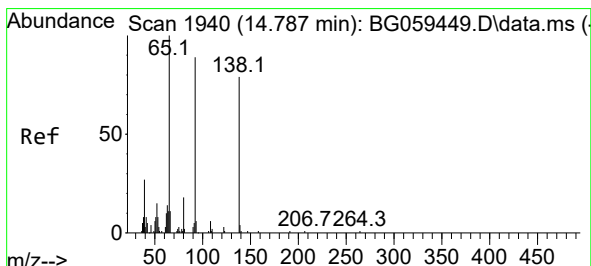
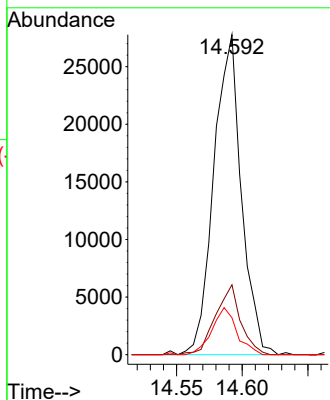
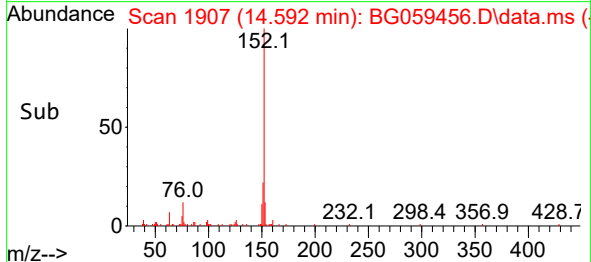
Instrument : BNA_G
ClientSampleId :
MDL-WATER-QT3-2023-05



Tgt Ion:152 Resp: 40538
Ion Ratio Lower Upper
152 100
151 21.9 14.8 22.2
153 11.5 9.5 14.3

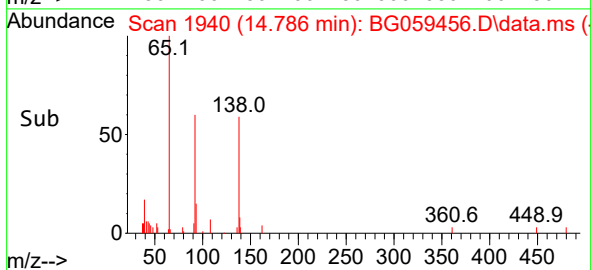
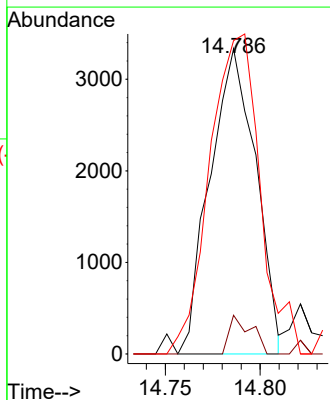
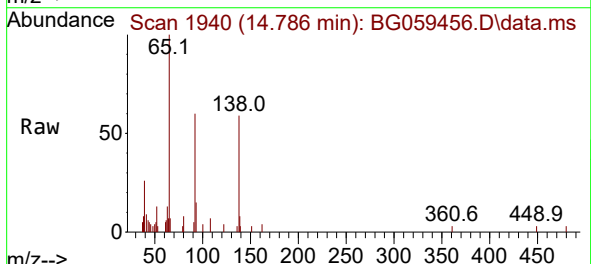
Manual Integrations
APPROVED

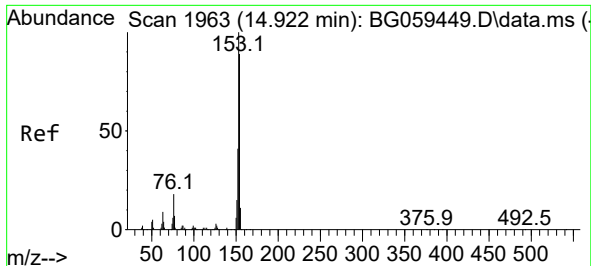
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#51
3-Nitroaniline
Concen: 3.711 ng/ul
RT: 14.786 min Scan# 1940
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

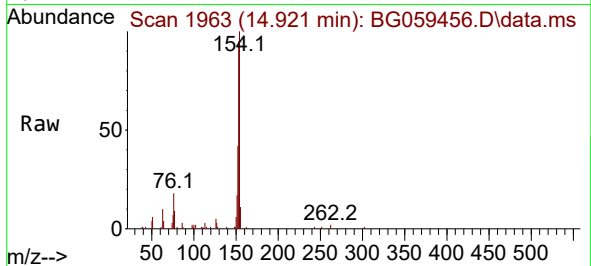
Tgt Ion:138 Resp: 5607
Ion Ratio Lower Upper
138 100
108 12.7 6.5 9.7#
92 102.7 91.6 137.4





#52
Acenaphthene
Concen: 4.053 ng/ul
RT: 14.921 min Scan# 1963
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

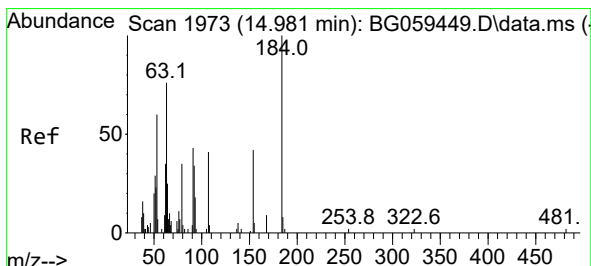
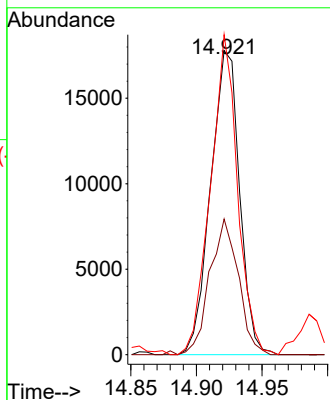
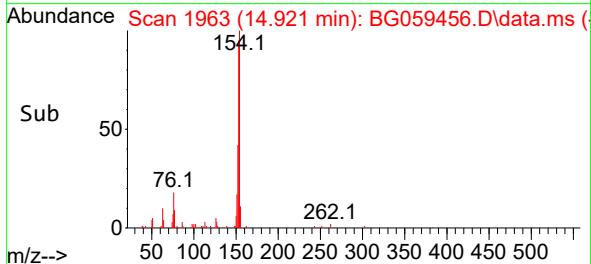
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT3-2023-05



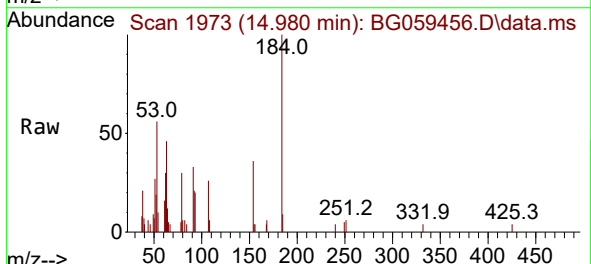
Tgt Ion:153 Resp: 2729
Ion Ratio Lower Upper
153 100
152 44.6 32.1 48.1
154 105.2 75.2 112.8

Manual Integrations
APPROVED

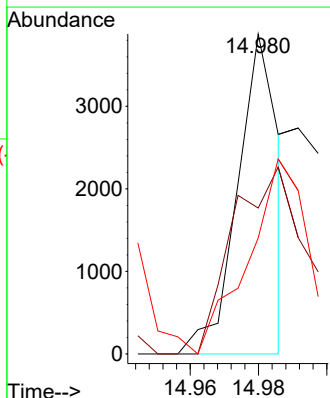
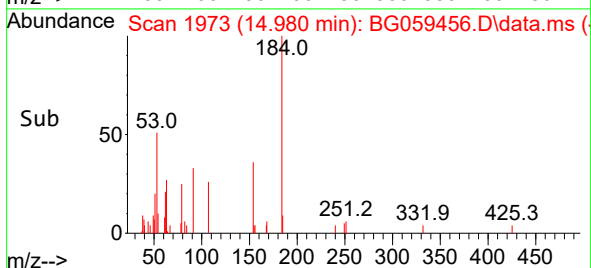
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

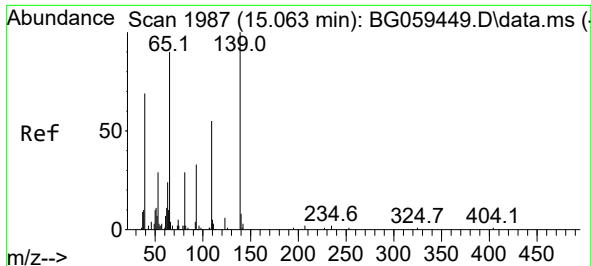


#53
2,4-Dinitrophenol
Concen: 4.331 ng/ul
RT: 14.980 min Scan# 1973
Delta R.T. -0.003 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24



Tgt Ion:184 Resp: 3267
Ion Ratio Lower Upper
184 100
63 41.9 57.3 85.9#
154 33.3 40.6 61.0#





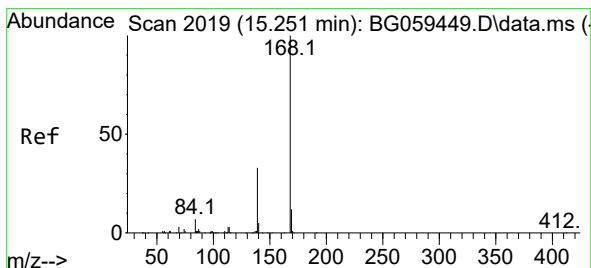
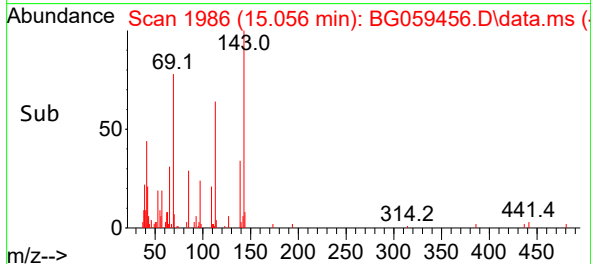
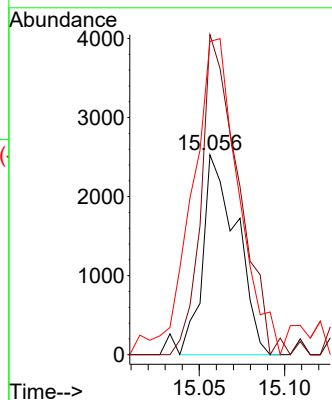
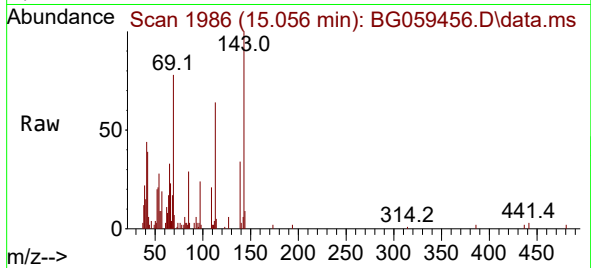
#55
4-Nitrophenol
Concen: 3.731 ng/ul
RT: 15.056 min Scan# 1987
Delta R.T. -0.003 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

Instrument : BNA_G
ClientSampleId : MDL-WATER-QT3-2023-05

Tgt Ion:109 Resp: 3500
Ion Ratio Lower Upper
109 100
139 160.1 100.2 150.4
65 156.7 111.8 167.8

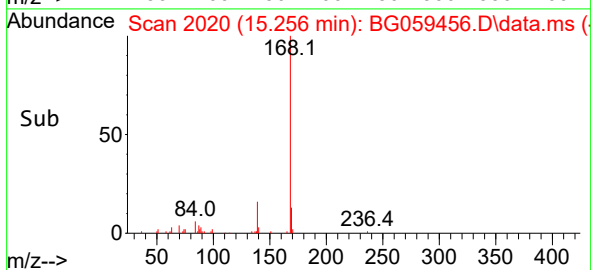
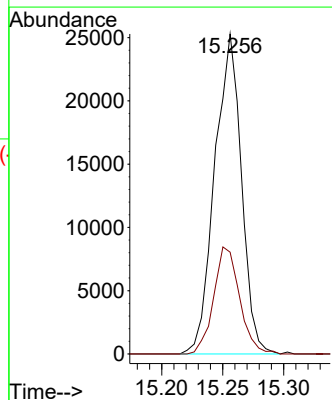
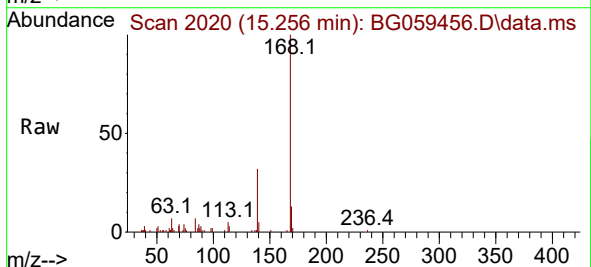
Manual Integrations
APPROVED

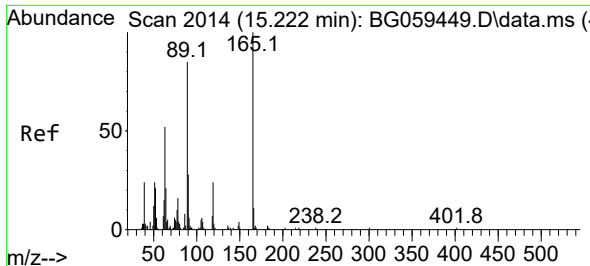
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#56
Dibenzofuran
Concen: 4.227 ng/ul
RT: 15.256 min Scan# 2020
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

Tgt Ion:168 Resp: 38494
Ion Ratio Lower Upper
168 100
139 31.8 25.9 38.9





#57

2,4-Dinitrotoluene

Concen: 3.998 ng/ul

RT: 15.227 min Scan# 2014

Delta R.T. 0.008 min

Lab File: BG059456.D

Acq: 16 Oct 2023 14:24

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-QT3-2023-05

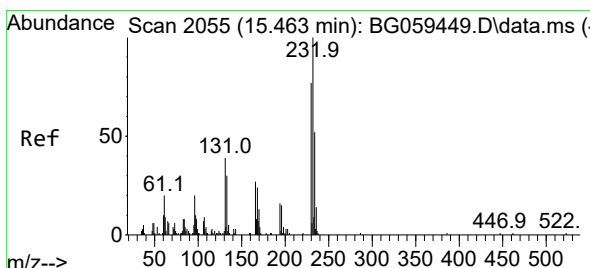
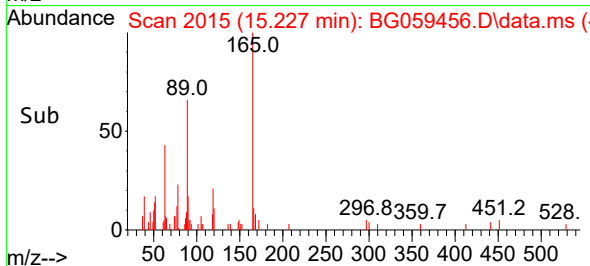
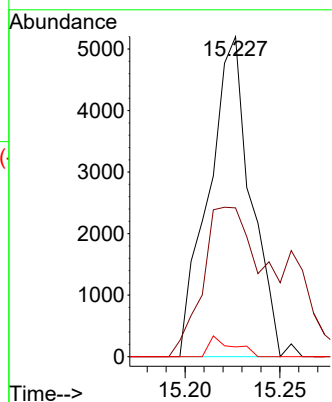
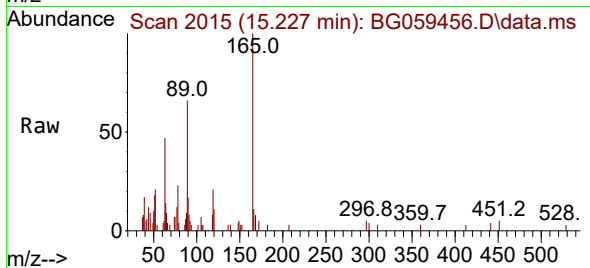
Tgt Ion:	165	Resp:	8010
Ion Ratio	Lower	Upper	
165	100		
63	46.5	40.8	61.2
182	3.1	1.4	2.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#58

2,3,4,6-Tetrachlorophenol

Concen: 3.773 ng/ul

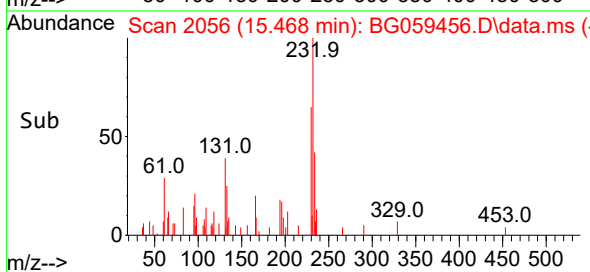
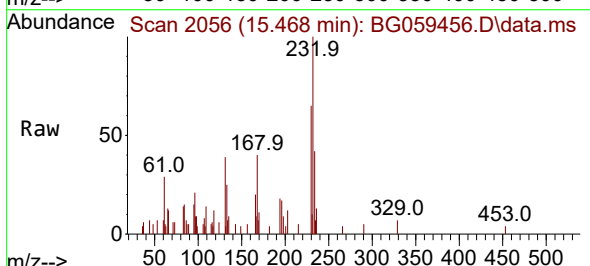
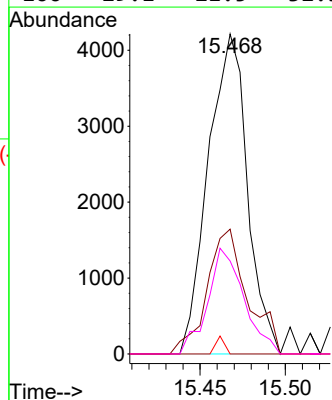
RT: 15.468 min Scan# 2056

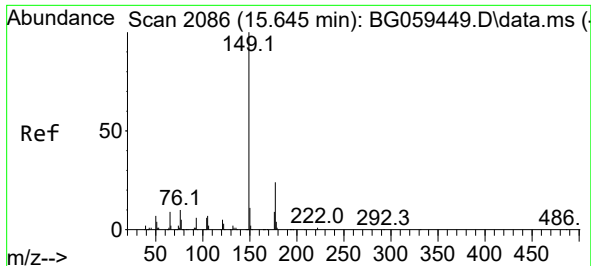
Delta R.T. 0.008 min

Lab File: BG059456.D

Acq: 16 Oct 2023 14:24

Tgt Ion:	232	Resp:	6712
Ion Ratio	Lower	Upper	
232	100		
131	43.0	30.2	45.2
130	0.0	2.0	3.0
166	29.1	21.5	32.3





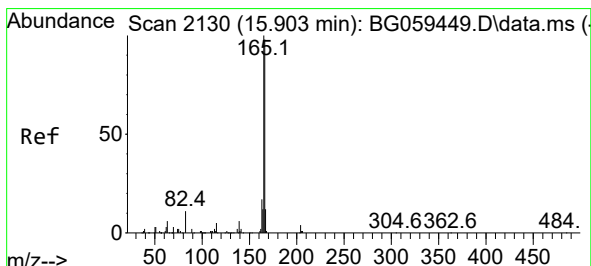
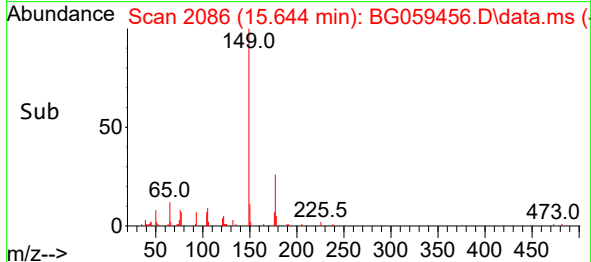
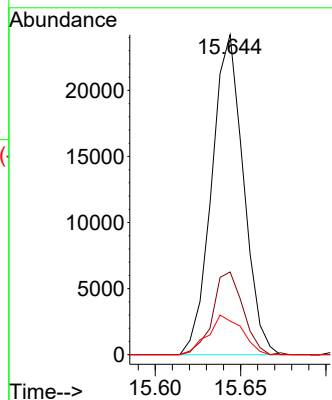
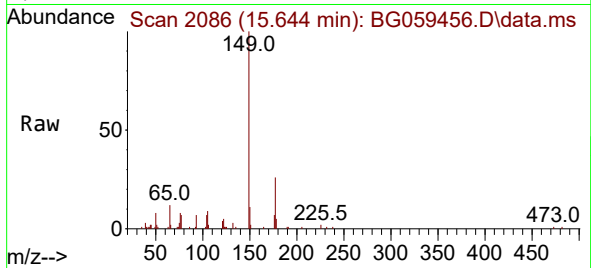
#59
Diethylphthalate
Concen: 4.190 ng/ul
RT: 15.644 min Scan# 2086
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

Instrument : BNA_G
ClientSampleId : MDL-WATER-QT3-2023-05

Tgt Ion:149 Resp: 3134
Ion Ratio Lower Upper
149 100
177 25.8 17.3 25.9
150 10.5 8.2 12.4

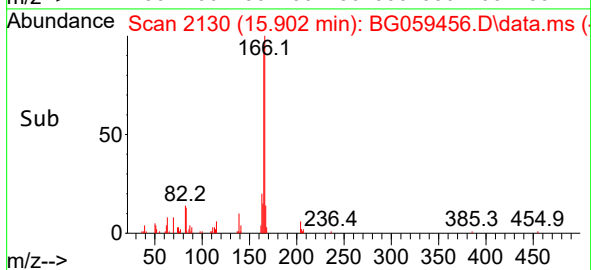
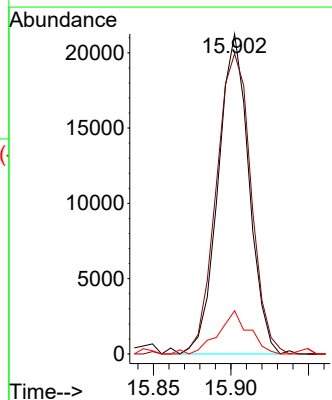
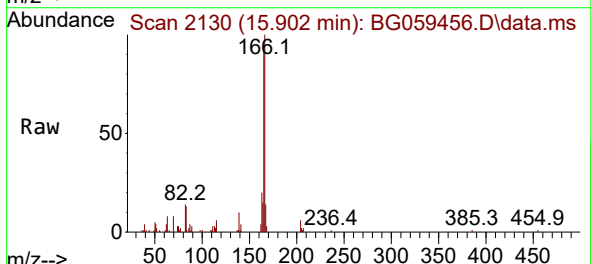
Manual Integrations
APPROVED

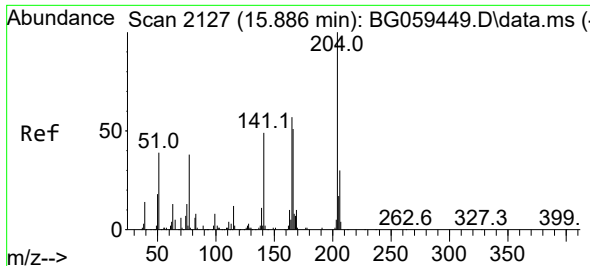
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#61
Fluorene
Concen: 3.839 ng/ul
RT: 15.902 min Scan# 2130
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

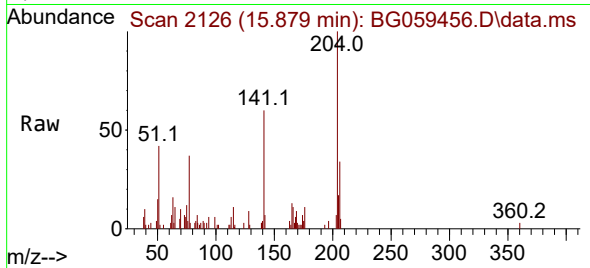
Tgt Ion:166 Resp: 29326
Ion Ratio Lower Upper
166 100
165 93.9 75.6 113.4
167 13.5 9.9 14.9





#62
4-Chlorophenyl-phenylether
Concen: 3.974 ng/ul
RT: 15.879 min Scan# 2126
Delta R.T. -0.003 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

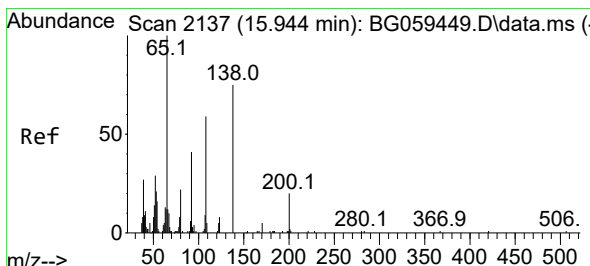
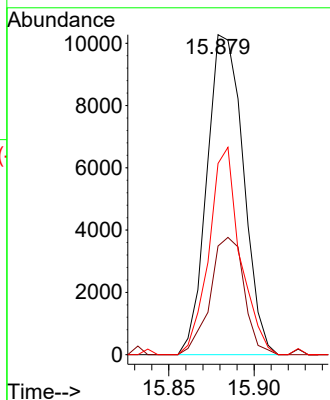
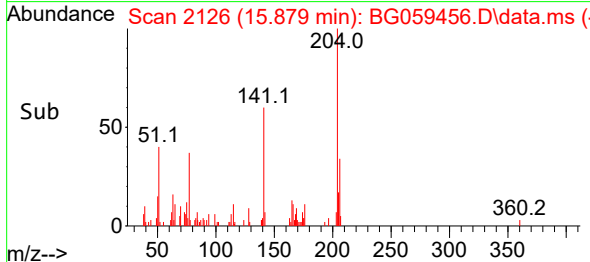
Instrument : BNA_G
ClientSampleId : MDL-WATER-QT3-2023-05



Tgt Ion:204 Resp: 1524
Ion Ratio Lower Upper
204 100
206 33.9 25.8 38.8
141 59.8 42.3 63.5

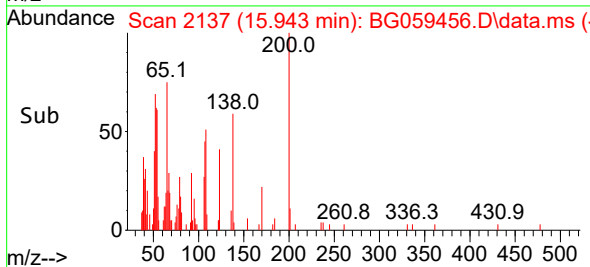
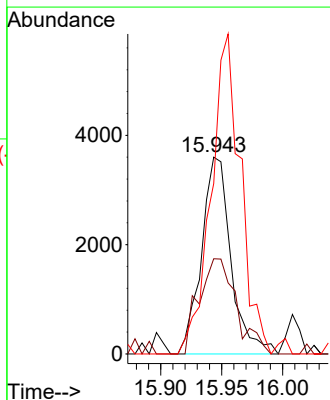
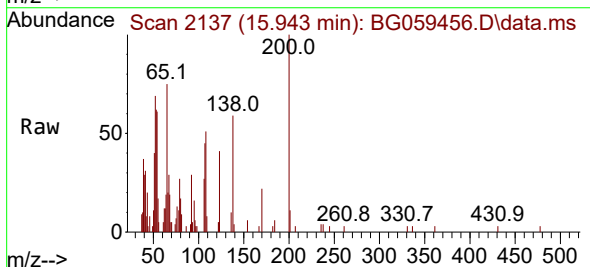
Manual Integrations
APPROVED

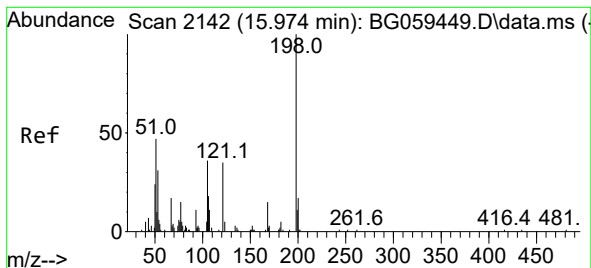
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#63
4-Nitroaniline
Concen: 4.145 ng/ul
RT: 15.943 min Scan# 2137
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

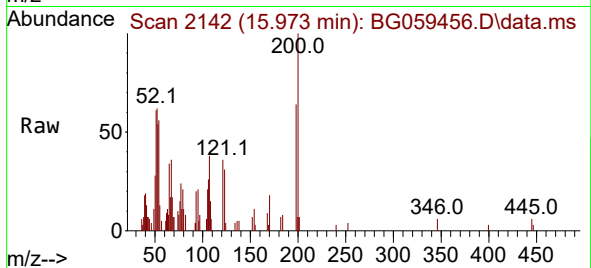
Tgt Ion:138 Resp: 6063
Ion Ratio Lower Upper
138 100
92 48.3 43.3 64.9
108 86.6 67.9 101.9





#66
4,6-Dinitro-2-methylphenol
Concen: 3.889 ng/ul
RT: 15.973 min Scan# 2142
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

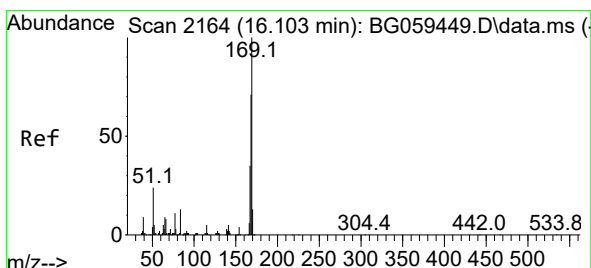
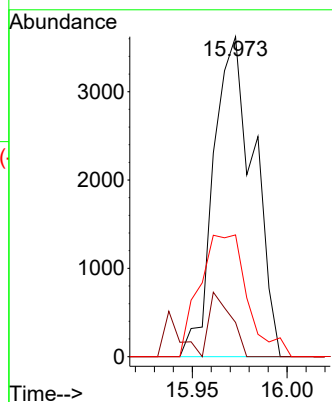
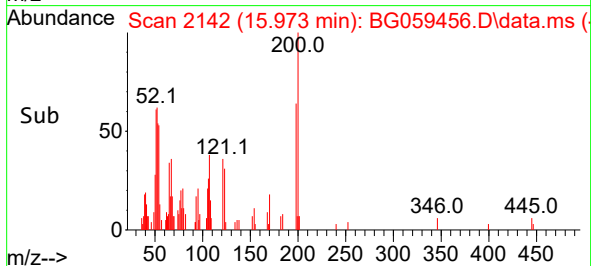
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT3-2023-05



Tgt Ion:198 Resp: 5338
Ion Ratio Lower Upper
198 100
182 10.7 4.7 7.1
77 38.0 17.7 26.5

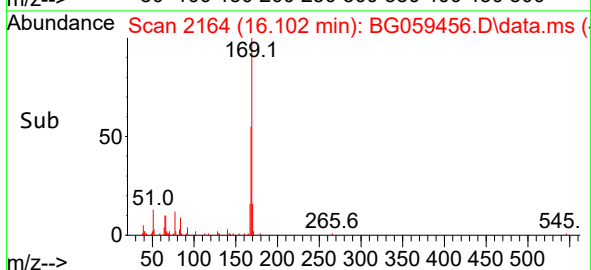
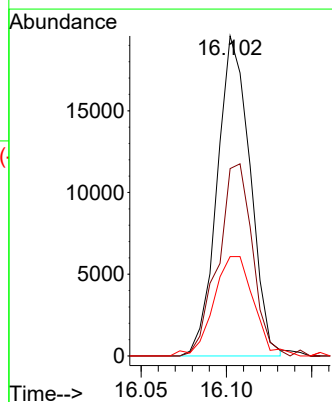
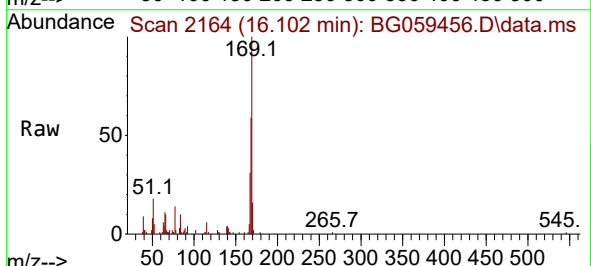
Manual Integrations
APPROVED

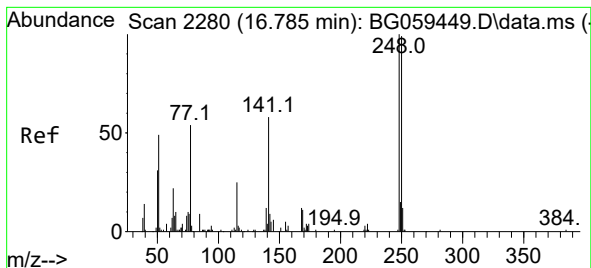
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#67
N-Nitrosodiphenylamine
Concen: 4.275 ng/ul
RT: 16.102 min Scan# 2164
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

Tgt Ion:169 Resp: 26246
Ion Ratio Lower Upper
169 100
168 58.6 55.8 83.8
167 31.1 28.2 42.2





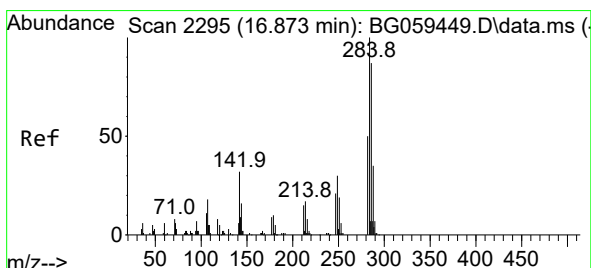
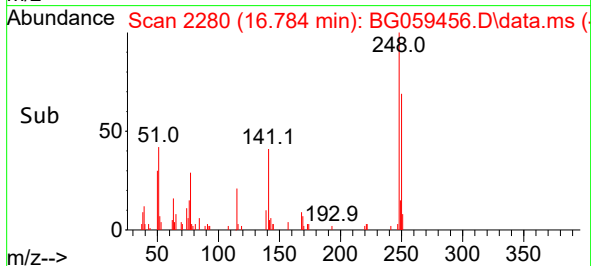
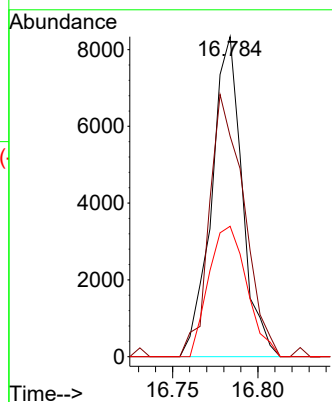
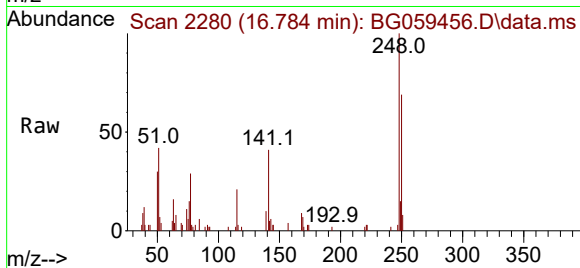
#68
4-Bromophenyl-phenylether
Concen: 4.519 ng/ul
RT: 16.784 min Scan# 2280
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT3-2023-05

Tgt Ion:248 Resp: 10400
Ion Ratio Lower Upper
248 100
250 68.9 74.6 111.8
141 40.8 44.3 66.5

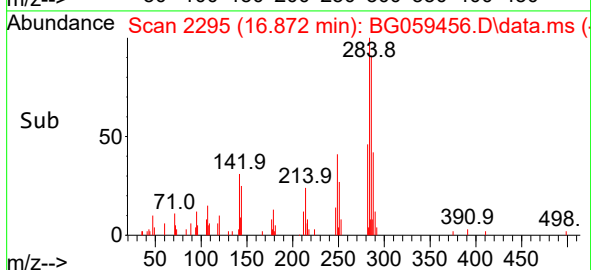
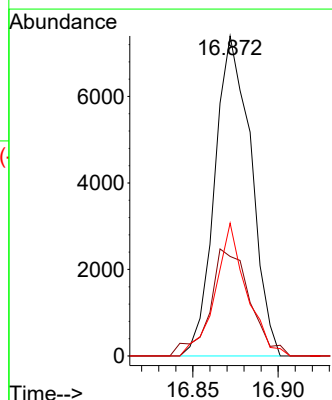
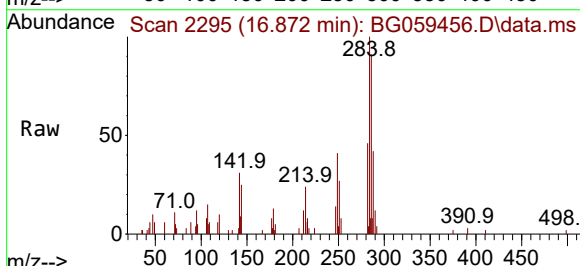
Manual Integrations
APPROVED

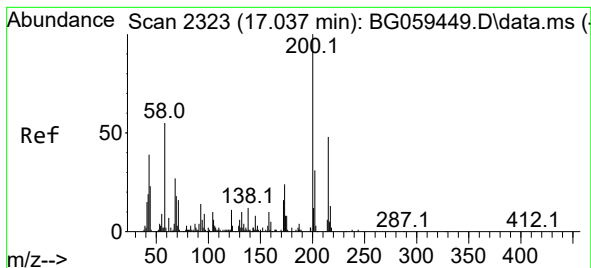
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#69
Hexachlorobenzene
Concen: 4.144 ng/ul
RT: 16.872 min Scan# 2295
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

Tgt Ion:284 Resp: 10940
Ion Ratio Lower Upper
284 100
142 31.1 22.1 33.1
249 41.5 23.1 34.7#





#70

Atrazine

Concen: 4.307 ng/ul

RT: 17.036 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG059456.D

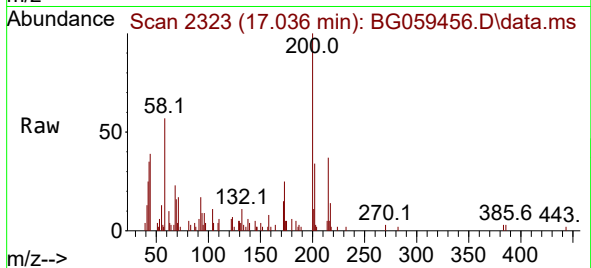
Acq: 16 Oct 2023 14:24

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-QT3-2023-05



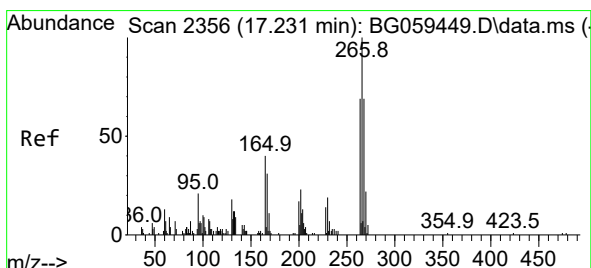
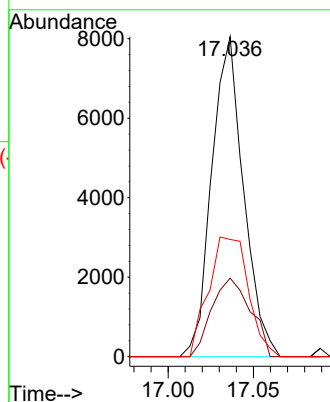
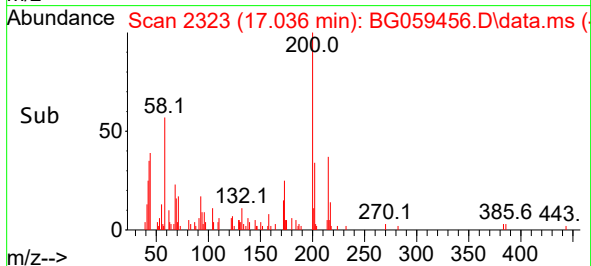
Tgt Ion:	200	Resp:	10430
Ion Ratio	Lower	Upper	
200	100		
173	24.5	22.3	33.5
215	36.6	37.0	55.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#71

Pentachlorophenol

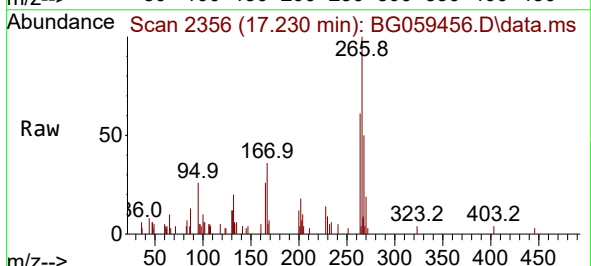
Concen: 5.936 ng/ul

RT: 17.230 min Scan# 2356

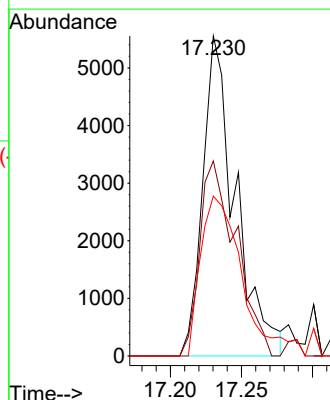
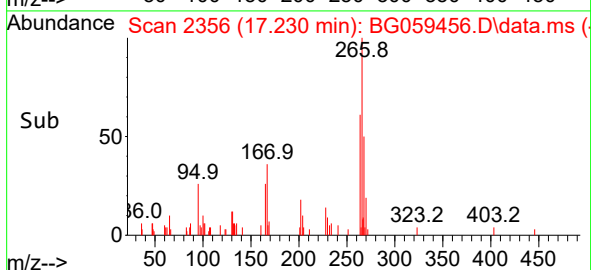
Delta R.T. 0.002 min

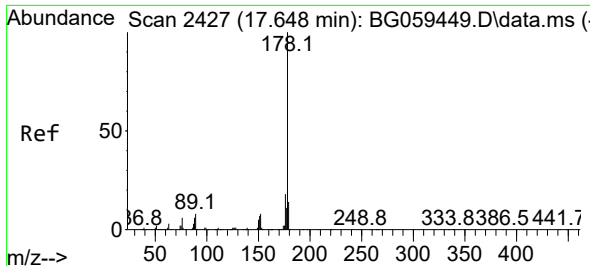
Lab File: BG059456.D

Acq: 16 Oct 2023 14:24



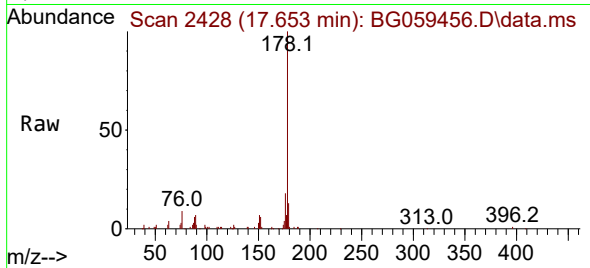
Tgt Ion:	266	Resp:	8881
Ion Ratio	Lower	Upper	
266	100		
264	60.9	47.9	71.9
268	49.9	50.0	75.0





#72
Phenanthrene
Concen: 4.438 ng/ul
RT: 17.653 min Scan# 2428
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

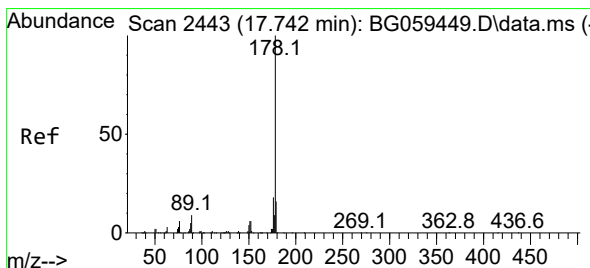
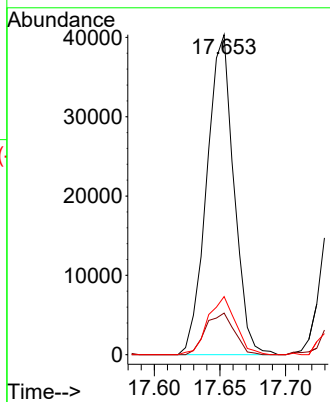
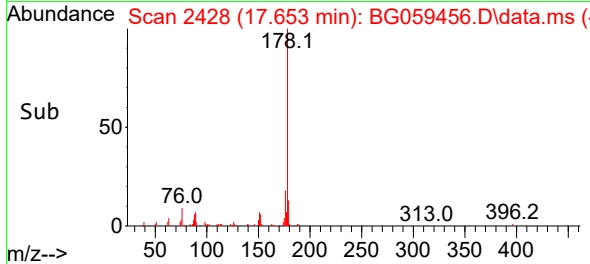
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT3-2023-05



Tgt Ion:178 Resp: 57974
Ion Ratio Lower Upper
178 100
179 13.0 11.0 16.4
176 18.2 15.1 22.7

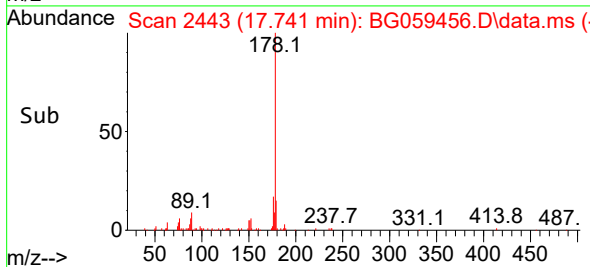
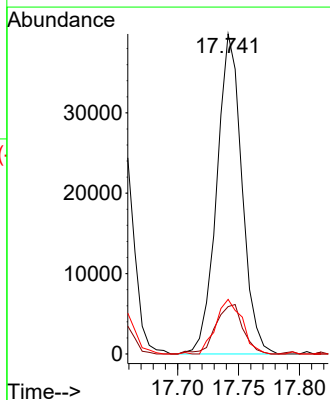
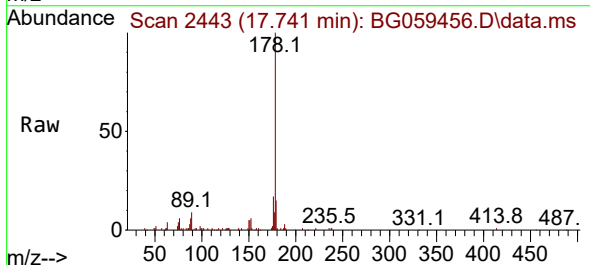
Manual Integrations
APPROVED

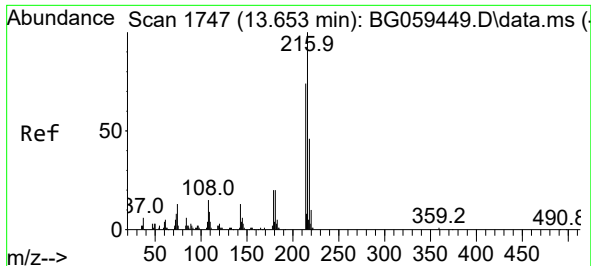
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#74
Anthracene
Concen: 4.248 ng/ul
RT: 17.741 min Scan# 2443
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

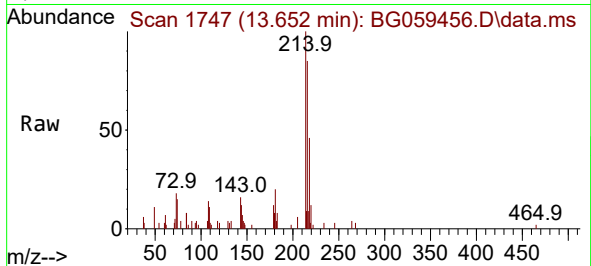
Tgt Ion:178 Resp: 57186
Ion Ratio Lower Upper
178 100
179 14.8 12.2 18.2
176 17.1 15.0 22.6





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.722 ng/uL
RT: 13.652 min Scan# 1126
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

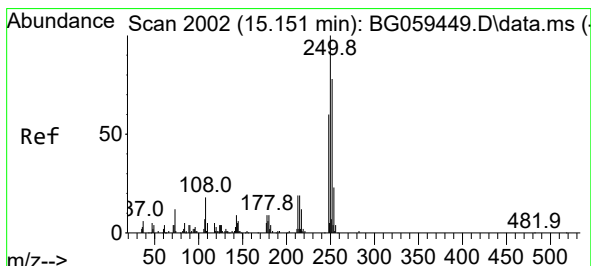
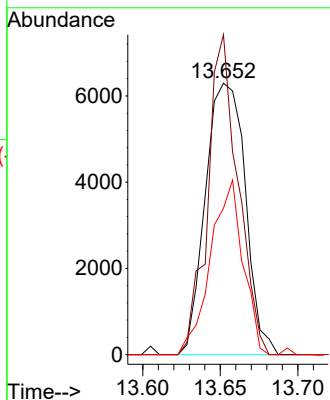
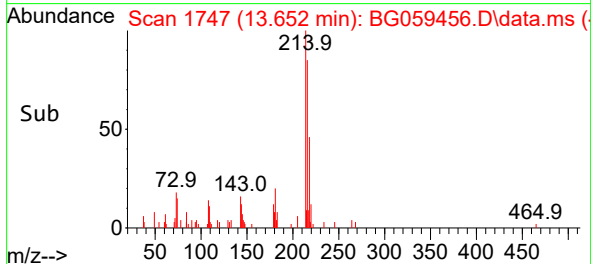
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT3-2023-05



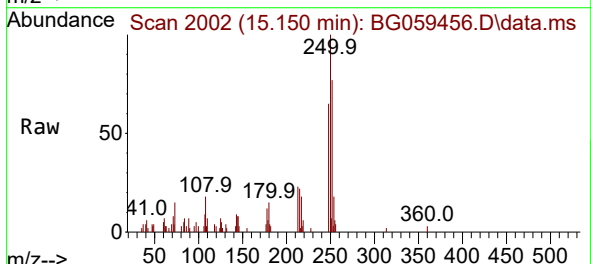
Tgt Ion:216 Resp: 1126
Ion Ratio Lower Upper
216 100
214 117.9 62.1 93.1
218 53.9 37.4 56.0

Manual Integrations
APPROVED

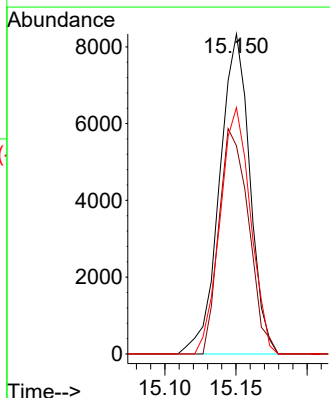
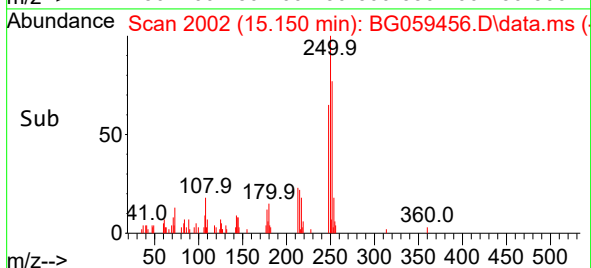
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

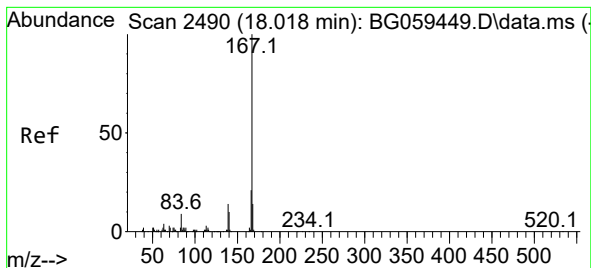


#76
Pentachlorobenzene
Concen: 4.213 ng/uL
RT: 15.150 min Scan# 2002
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24



Tgt Ion:250 Resp: 12331
Ion Ratio Lower Upper
250 100
248 65.1 50.6 75.8
252 77.0 56.4 84.6





#77

Carbazole

Concen: 4.031 ng/ul

RT: 18.017 min Scan# 2490

Delta R.T. 0.002 min

Lab File: BG059456.D

Acq: 16 Oct 2023 14:24

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-QT3-2023-05

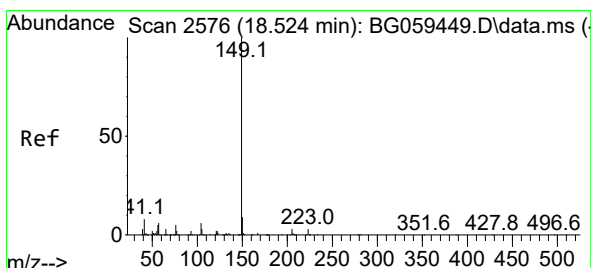
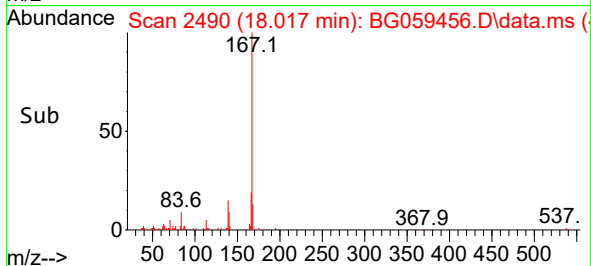
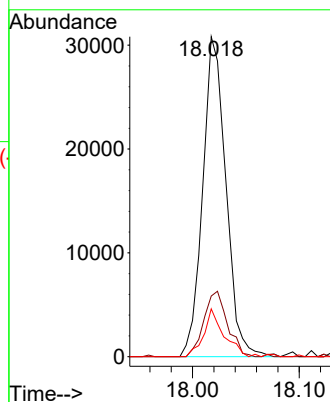
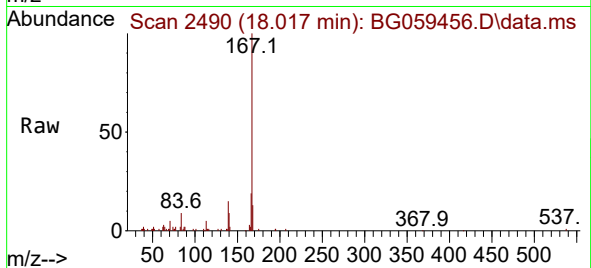
Tgt Ion:167	Resp: 4671
Ion Ratio	Lower Upper
167 100	
166 19.0	17.4 26.0
139 15.0	9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#78

Di-n-butylphthalate

Concen: 4.216 ng/ul

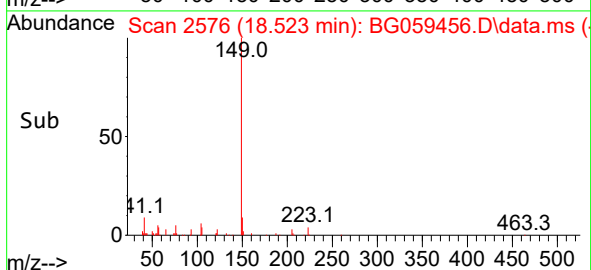
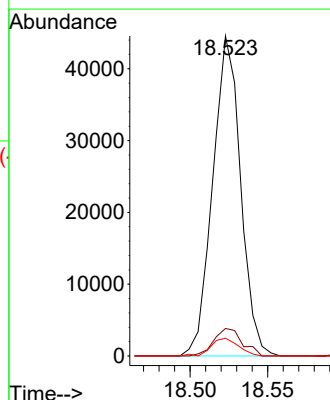
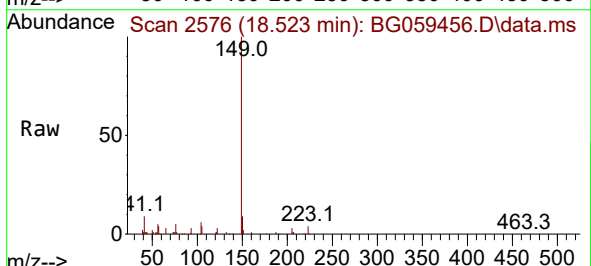
RT: 18.523 min Scan# 2576

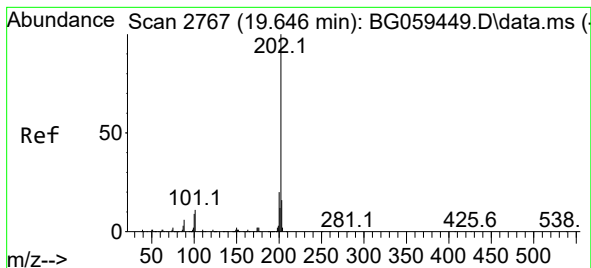
Delta R.T. 0.002 min

Lab File: BG059456.D

Acq: 16 Oct 2023 14:24

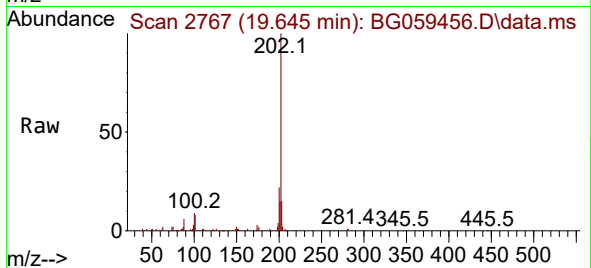
Tgt Ion:149	Resp: 55596
Ion Ratio	Lower Upper
149 100	
150 8.6	7.4 11.2
104 5.6	3.7 5.5





#80
Fluoranthene
Concen: 3.850 ng/ul
RT: 19.645 min Scan# 2767
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

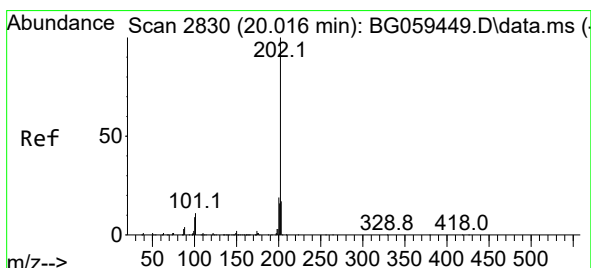
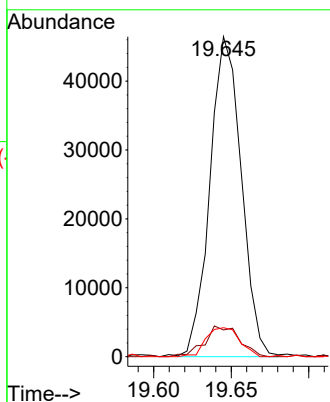
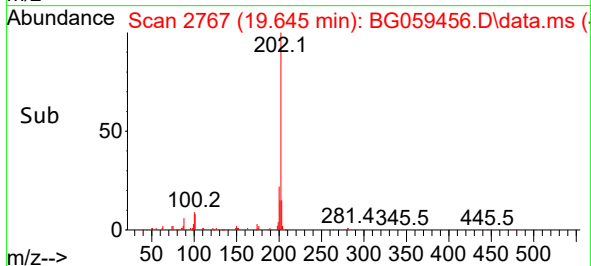
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT3-2023-05



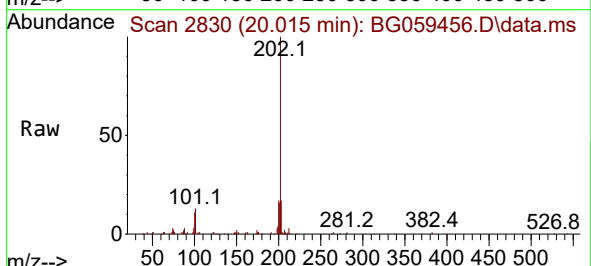
Tgt Ion:202 Resp: 65338
Ion Ratio Lower Upper
202 100
101 8.4 8.9 13.3
100 9.1 8.3 12.5

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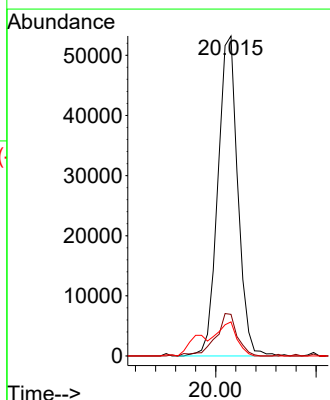
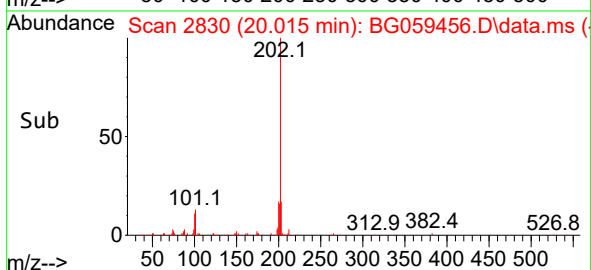
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

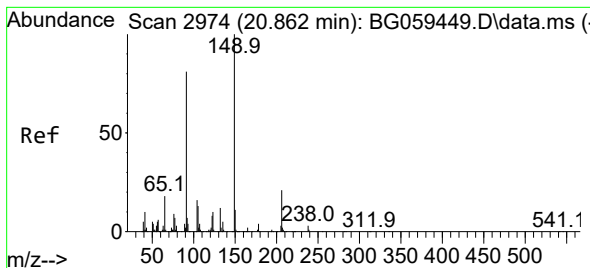


#82
Pyrene
Concen: 4.056 ng/ul
RT: 20.015 min Scan# 2830
Delta R.T. 0.008 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24



Tgt Ion:202 Resp: 73150
Ion Ratio Lower Upper
202 100
101 13.0 9.5 14.3
100 10.7 9.8 14.8





#83

Butylbenzylphthalate

Concen: 3.646 ng/ul

RT: 20.867 min Scan# 2974

Delta R.T. 0.002 min

Lab File: BG059456.D

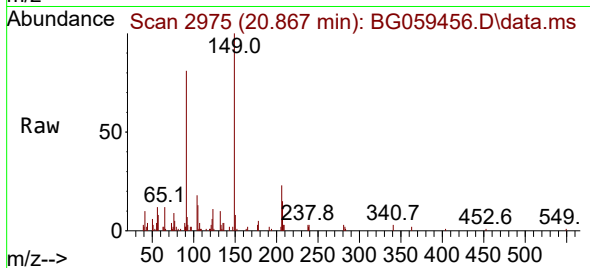
Acq: 16 Oct 2023 14:24

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-QT3-2023-05



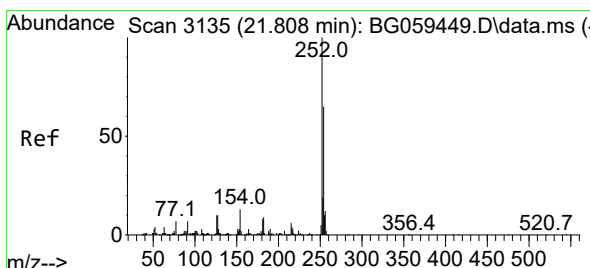
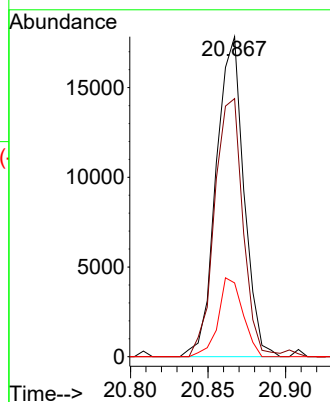
Tgt Ion	Ratio	Lower	Upper
149	100		
91	80.7	66.4	99.6
206	23.0	17.4	26.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#84

3,3'-Dichlorobenzidine

Concen: 5.028 ng/ul

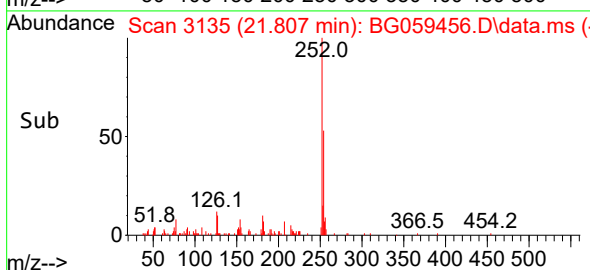
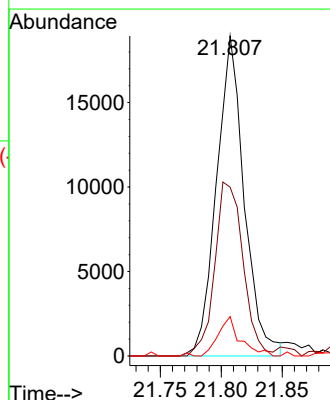
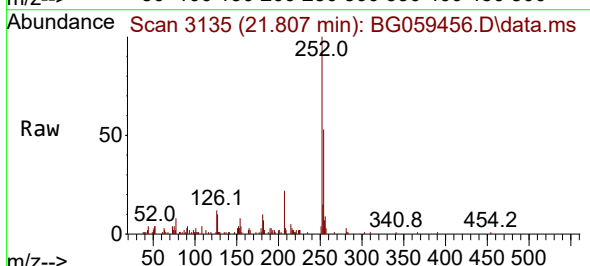
RT: 21.807 min Scan# 3135

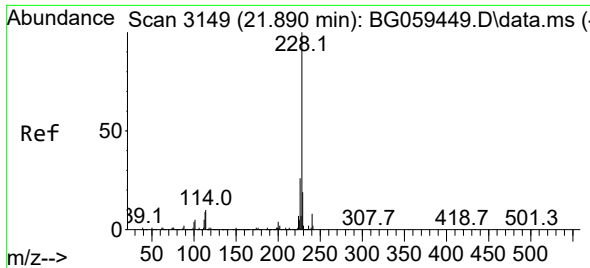
Delta R.T. 0.002 min

Lab File: BG059456.D

Acq: 16 Oct 2023 14:24

Tgt Ion	Ratio	Lower	Upper
252	100		
254	52.8	53.8	80.6
126	12.3	8.6	12.8





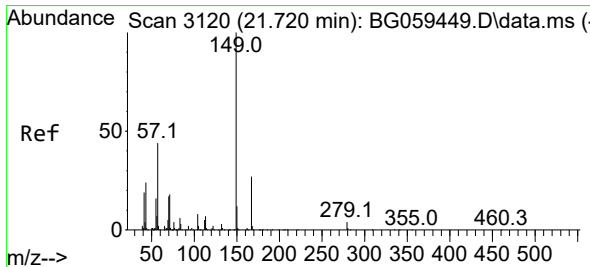
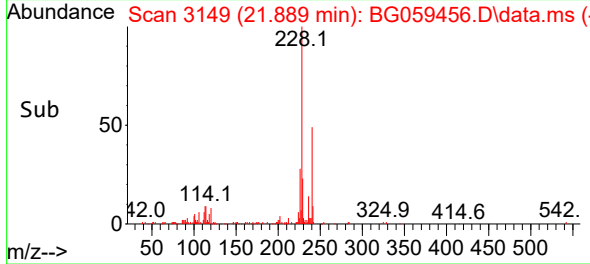
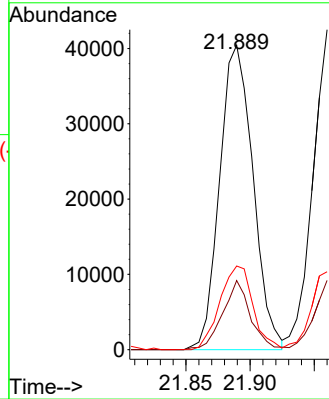
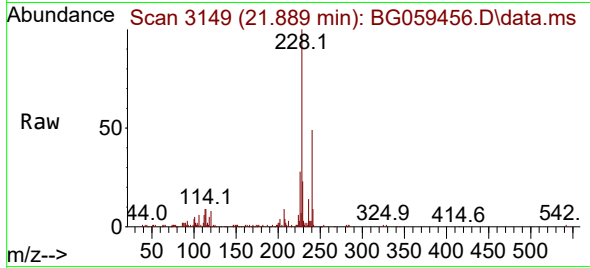
#85
Benzo(a)anthracene
Concen: 4.022 ng/ul m
RT: 21.889 min Scan# 3149
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT3-2023-05

Tgt Ion:228 Resp: 72990
Ion Ratio Lower Upper
228 100
229 22.7 15.0 22.4
226 27.5 20.8 31.2

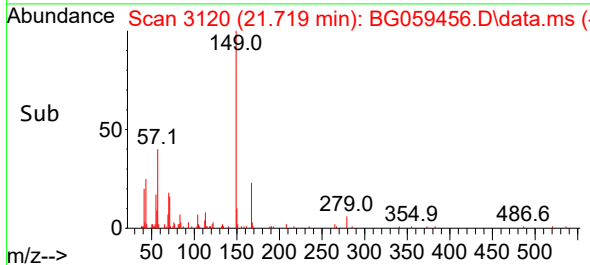
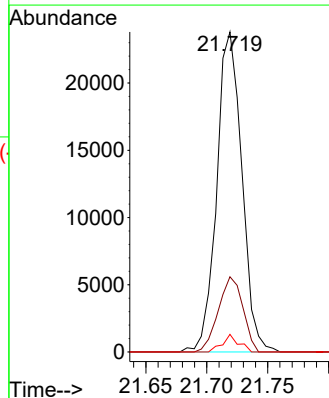
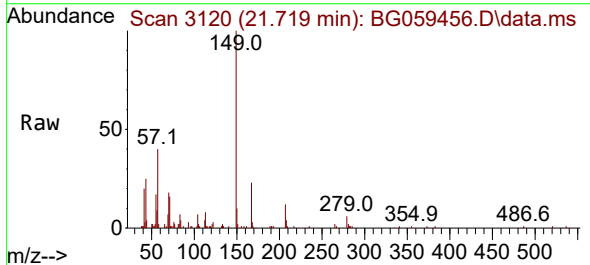
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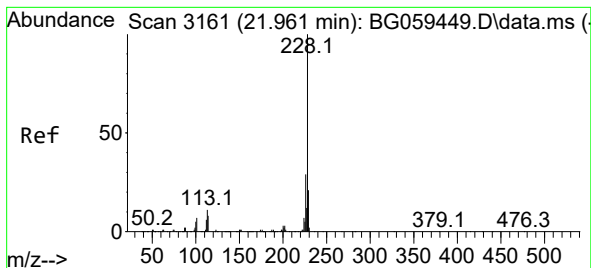
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.886 ng/ul
RT: 21.719 min Scan# 3120
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

Tgt Ion:149 Resp: 34128
Ion Ratio Lower Upper
149 100
167 23.5 20.8 31.2
279 5.5 2.7 4.1#





#87

Chrysene

Concen: 4.168 ng/ul

RT: 21.960 min Scan# 3161

Delta R.T. 0.002 min

Lab File: BG059456.D

Acq: 16 Oct 2023 14:24

Instrument :

BNA_G

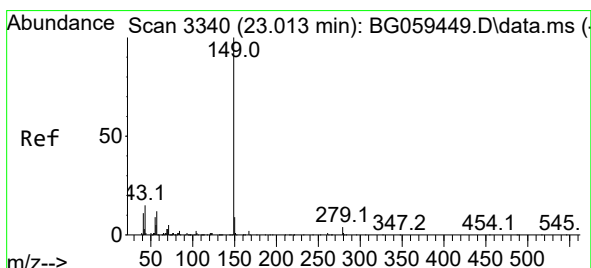
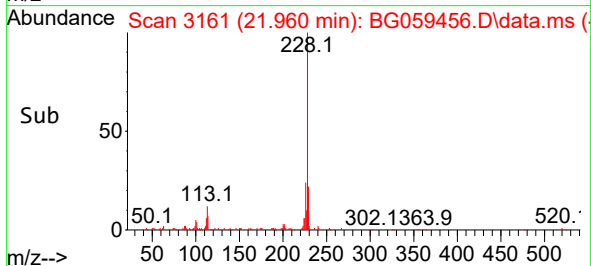
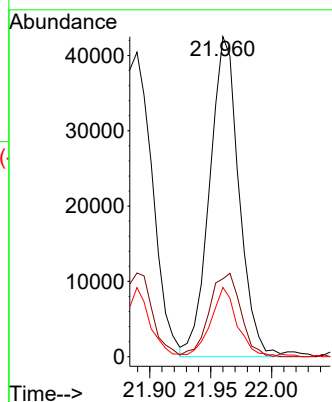
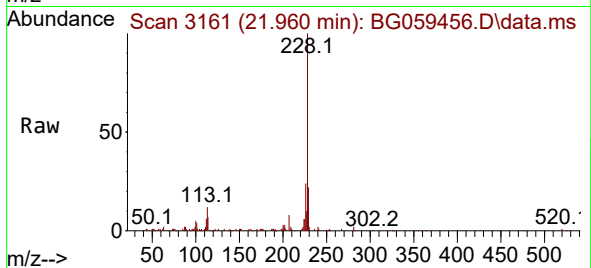
ClientSampleId :

MDL-WATER-QT3-2023-05

Tgt Ion:228 Resp: 71273
 Ion Ratio Lower Upper
 228 100
 226 24.3 23.0 34.6
 229 21.7 16.0 24.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023



#89

Di-n-octyl phthalate

Concen: 3.760 ng/ul

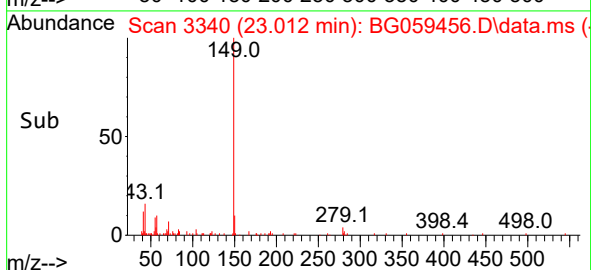
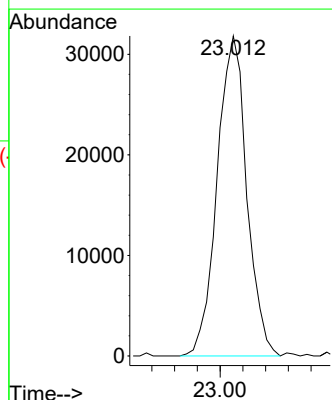
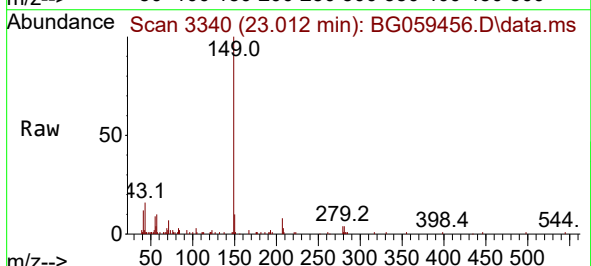
RT: 23.012 min Scan# 3340

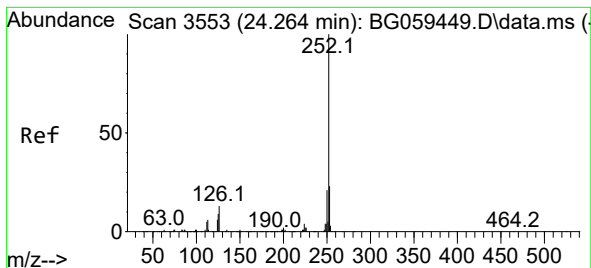
Delta R.T. 0.008 min

Lab File: BG059456.D

Acq: 16 Oct 2023 14:24

Tgt Ion:149 Resp: 57573





#90

Benzo(b)fluoranthene

Concen: 4.235 ng/ul m

RT: 24.263 min Scan# 3

Delta R.T. 0.002 min

Lab File: BG059456.D

Acq: 16 Oct 2023 14:24

Instrument :

BNL_G

ClientSampleId :

MDL-WATER-QT3-2023-05

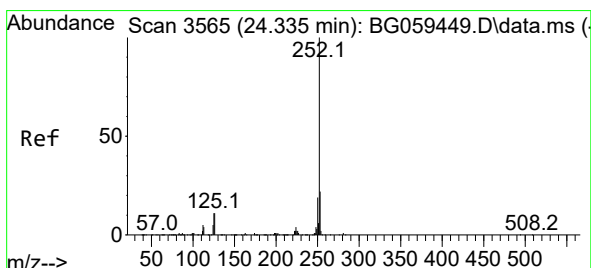
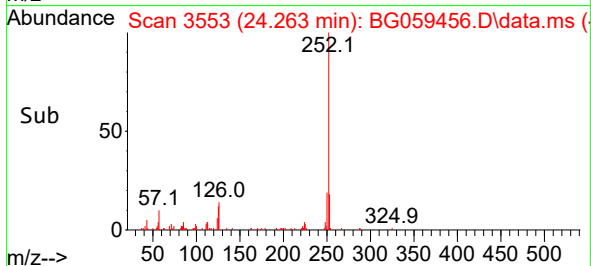
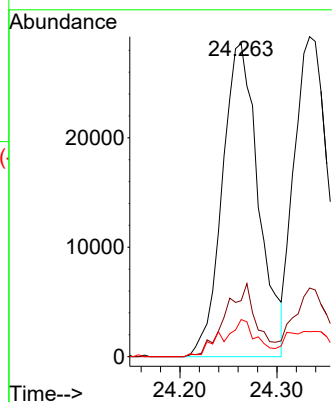
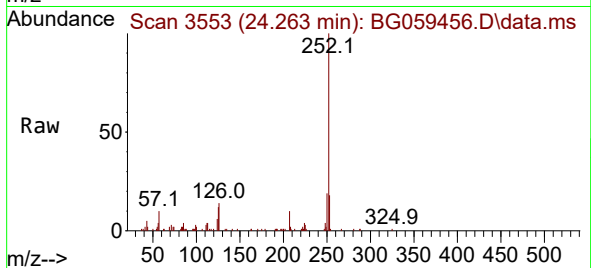
Tgt Ion:	252	Resp:	74430
Ion Ratio	Lower	Upper	
252	100		
253	17.9	16.8	25.2
125	11.8	6.9	10.3

Manual Integrations

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Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#91

Benzo(k)fluoranthene

Concen: 4.013 ng/ul

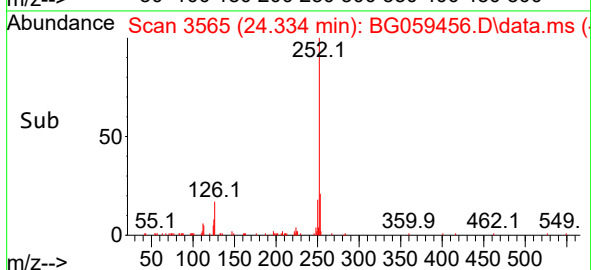
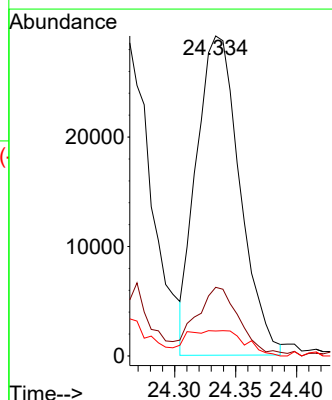
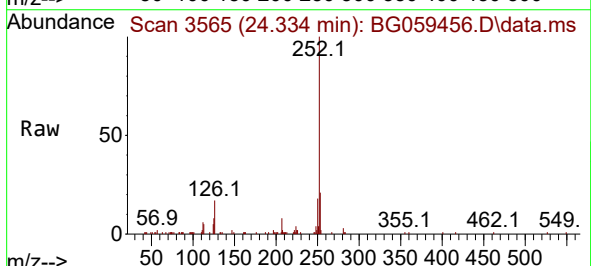
RT: 24.334 min Scan# 3565

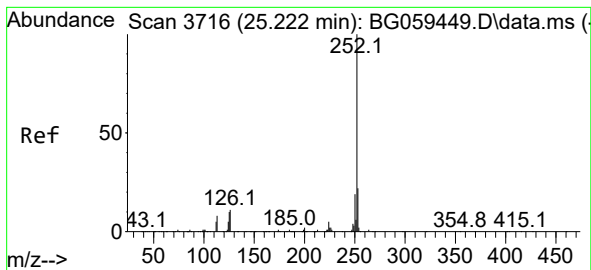
Delta R.T. 0.002 min

Lab File: BG059456.D

Acq: 16 Oct 2023 14:24

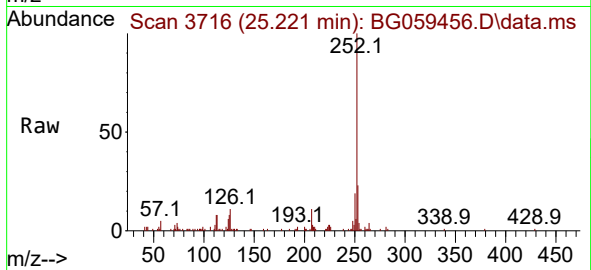
Tgt Ion:	252	Resp:	72296
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.4	26.0
125	7.8	6.9	10.3





#93
Benzo(a)pyrene
Concen: 4.262 ng/ul
RT: 25.221 min Scan# 3716
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24

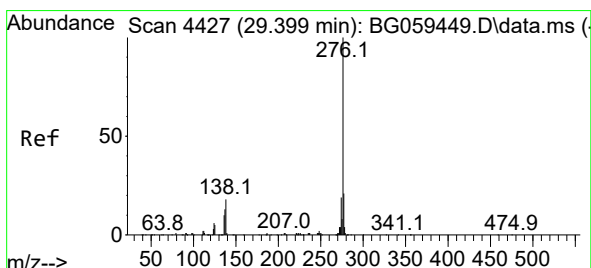
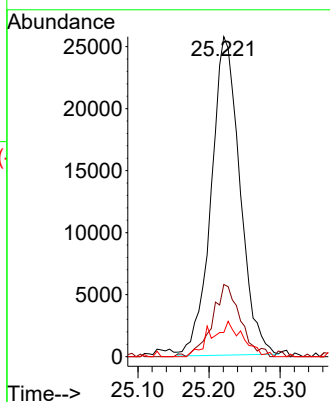
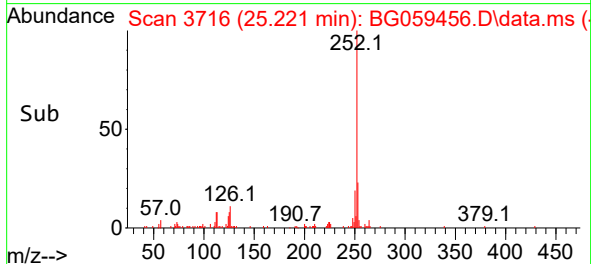
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT3-2023-05



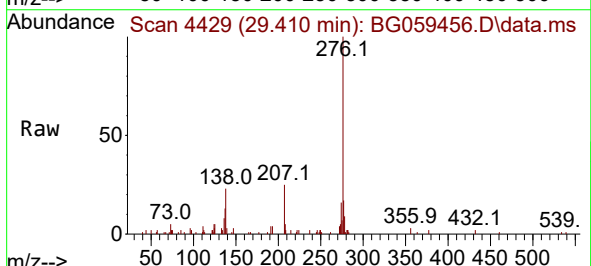
Tgt Ion:252 Resp: 71820
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 7.6 8.6 12.8

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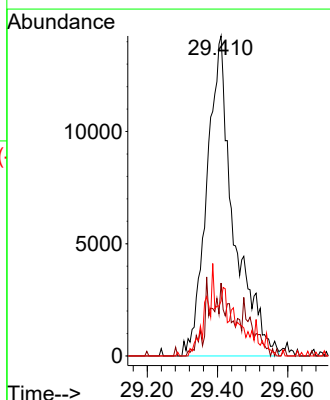
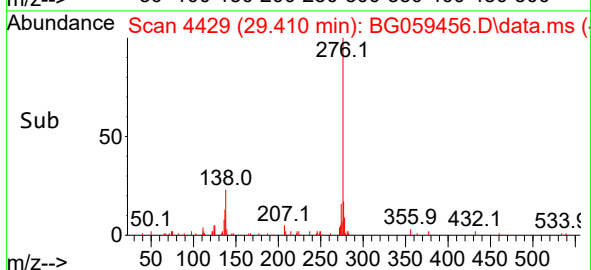
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

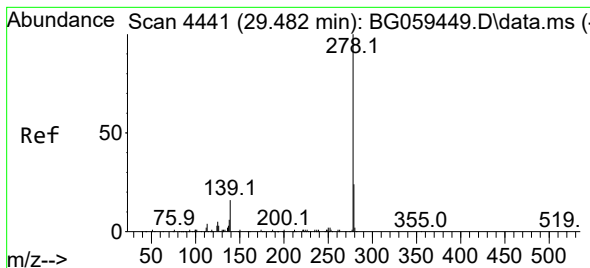


#94
Indeno(1,2,3-cd)pyrene
Concen: 3.997 ng/ul m
RT: 29.410 min Scan# 4429
Delta R.T. 0.002 min
Lab File: BG059456.D
Acq: 16 Oct 2023 14:24



Tgt Ion:276 Resp: 75741
Ion Ratio Lower Upper
276 100
138 22.8 13.4 20.2#
277 17.1 18.7 28.1#





#95

Dibenzo(a,h)anthracene

Concen: 3.866 ng/ul m

RT: 29.481 min Scan# 4441

Delta R.T. 0.002 min

Lab File: BG059456.D

Acq: 16 Oct 2023 14:24

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-QT3-2023-05

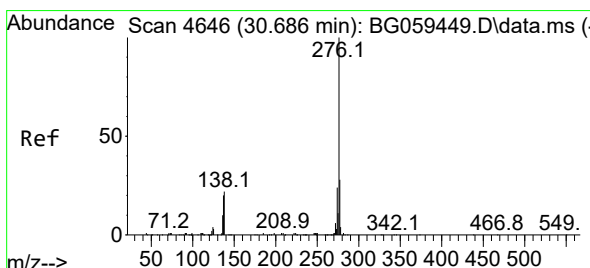
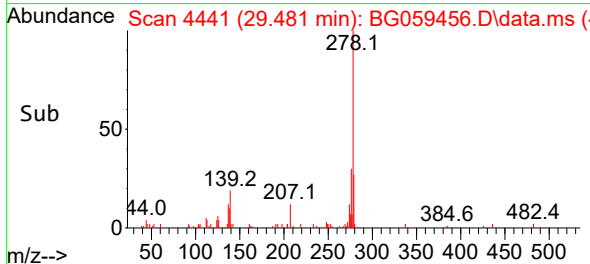
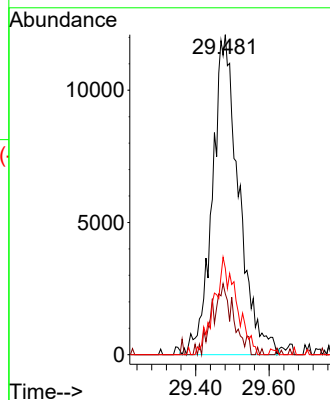
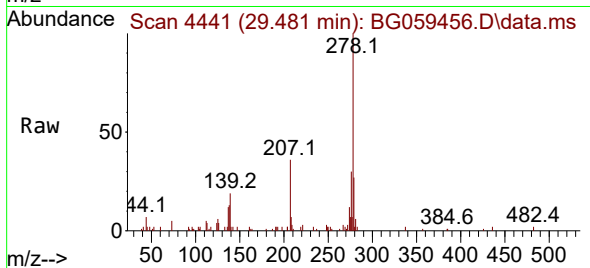
Tgt Ion:	278	Resp:	60549
Ion Ratio	Lower	Upper	
278	100		
139	19.0	12.1	18.1
279	27.0	20.4	30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#96

Benzo(g,h,i)perylene

Concen: 4.127 ng/ul m

RT: 30.673 min Scan# 4644

Delta R.T. -0.009 min

Lab File: BG059456.D

Acq: 16 Oct 2023 14:24

Tgt Ion:	276	Resp:	63506
Ion Ratio	Lower	Upper	
276	100		
138	13.7	16.5	24.7
277	17.8	12.9	19.3

