

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020223\
 Data File : BG056513.D
 Acq On : 2 Feb 2023 14:01
 Operator : CG/JU
 Sample : N4955-09
 Misc : MDL-MDL-WATER 8PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2022

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/03/2023
 Supervised By : Jagrut Upadhyay 02/03/2023

Quant Time: Feb 03 05:21:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 01:15:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.277	152	34597	20.000	ng	0.00
21) Naphthalene-d8	11.109	136	129650	20.000	ng	0.00
39) Acenaphthene-d10	14.892	164	109200	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	289271	20.000	ng	0.00
76) Chrysene-d12	21.925	240	284145	20.000	ng	# 0.00
86) Perylene-d12	25.339	264	308278	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	199231	105.934	ng	0.00
7) Phenol-d6	7.419	99	288271	103.450	ng	0.00
23) Nitrobenzene-d5	9.452	82	192328	84.237	ng	0.00
42) 2,4,6-Tribromophenol	16.379	330	159165	109.637	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	658717	83.632	ng	0.00
79) Terphenyl-d14	20.210	244	1271966	78.623	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.600	88	6448	8.234	ng	99
3) Pyridine	4.023	79	16167	6.926	ng	97
4) n-Nitrosodimethylamine	3.929	42	3948	7.953	ng	# 80
6) Aniline	7.589	93	26990	7.398	ng	98
8) 2-Chlorophenol	7.836	128	14588	7.061	ng	93
9) Benzaldehyde	7.401	77	14033	8.560	ng	93
10) Phenol	7.442	94	20772	7.334	ng	94
11) bis(2-Chloroethyl)ether	7.677	93	14774	7.589	ng	92
12) 1,3-Dichlorobenzene	8.165	146	18952	7.967	ng	95
13) 1,4-Dichlorobenzene	8.312	146	20318	8.434	ng	94
14) 1,2-Dichlorobenzene	8.635	146	19121	8.181	ng	93
15) Benzyl Alcohol	8.512	79	13562	7.094	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.788	45	3083	7.474	ng	86
17) 2-Methylphenol	8.711	107	15479	7.184	ng	94
18) Hexachloroethane	9.369	117	6193	8.500	ng	86
19) n-Nitroso-di-n-propyla...	9.076	70	11930	7.429	ng	# 90
20) 3+4-Methylphenols	9.040	107	20097	6.656	ng	93
22) Acetophenone	9.099	105	29913	8.684	ng	# 93
24) Nitrobenzene	9.493	77	18186m	8.258	ng	
25) Isophorone	10.010	82	37449	7.951	ng	97
26) 2-Nitrophenol	10.210	139	10443	7.815	ng	93
27) 2,4-Dimethylphenol	10.257	122	15945	7.130	ng	92
28) bis(2-Chloroethoxy)met...	10.492	93	22125	8.503	ng	# 95
29) 2,4-Dichlorophenol	10.756	162	19278	7.659	ng	98
30) 1,2,4-Trichlorobenzene	10.968	180	23523	8.410	ng	92
31) Naphthalene	11.161	128	54819	8.011	ng	98
32) Benzoic acid	10.380	122	10402m	8.314	ng	
33) 4-Chloroaniline	11.261	127	25106	7.860	ng	# 95
34) Hexachlorobutadiene	11.432	225	17519	8.923	ng	96
35) Caprolactam	12.002	113	6690	7.881	ng	88
36) 4-Chloro-3-methylphenol	12.366	107	18463	7.595	ng	99
37) 2-Methylnaphthalene	12.742	142	45365	8.041	ng	99
38) 1-Methylnaphthalene	12.959	142	42963	8.154	ng	# 91
40) 1,2,4,5-Tetrachloroben...	13.106	216	33639	8.432	ng	99
41) Hexachlorocyclopentadiene	13.083	237	9260	10.401	ng	99
43) 2,4,6-Trichlorophenol	13.341	196	19162	7.453	ng	99

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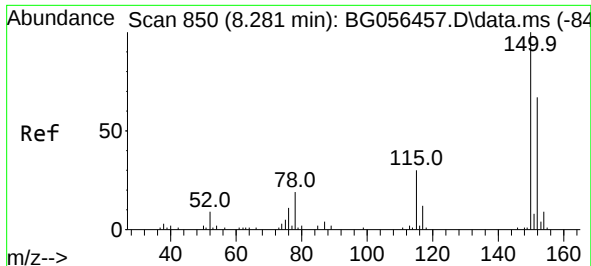
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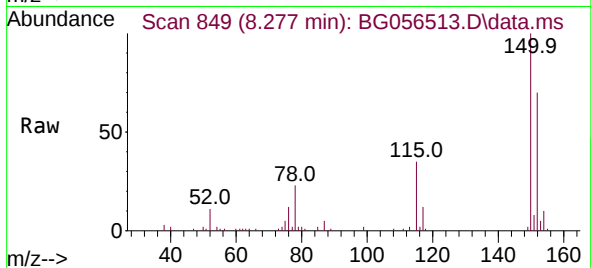
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.418	196	21535	7.154	ng	97
46) 1,1'-Biphenyl	13.729	154	67289	8.496	ng	98
47) 2-Chloronaphthalene	13.782	162	52145	8.423	ng	97
48) 2-Nitroaniline	13.982	65	9970	7.790	ng	84
49) Acenaphthylene	14.622	152	81398	8.081	ng	99
50) Dimethylphthalate	14.328	163	71227	8.062	ng	96
51) 2,6-Dinitrotoluene	14.458	165	14942	7.756	ng	93
52) Acenaphthene	14.957	154	48461	8.113	ng	95
53) 3-Nitroaniline	14.792	138	14612	7.823	ng	98
54) 2,4-Dinitrophenol	15.010	184	10991	9.100	ng	96
55) Dibenzofuran	15.286	168	88401	8.252	ng	98
56) 4-Nitrophenol	15.104	139	8624	6.757	ng	94
57) 2,4-Dinitrotoluene	15.251	165	21989	8.103	ng	90
58) Fluorene	15.932	166	70293	8.247	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.515	232	19427	7.259	ng	# 97
60) Diethylphthalate	15.680	149	65604	7.908	ng	99
61) 4-Chlorophenyl-phenyle...	15.915	204	42701	8.210	ng	96
62) 4-Nitroaniline	15.950	138	13817	7.393	ng	91
63) Azobenzene	16.208	77	46642	8.171	ng	95
65) 4,6-Dinitro-2-methylph...	16.015	198	11971	5.886	ng	94
66) n-Nitrosodiphenylamine	16.132	169	63273	7.726	ng	98
67) 4-Bromophenyl-phenylether	16.808	248	29272	7.905	ng	96
68) Hexachlorobenzene	16.937	284	30078	8.293	ng	95
69) Atrazine	17.060	200	27970	8.852	ng	97
70) Pentachlorophenol	17.290	266	16185m	7.375	ng	
71) Phenanthrene	17.677	178	121258	8.009	ng	99
72) Anthracene	17.765	178	123310	7.934	ng	99
73) Carbazole	18.030	167	105470	7.968	ng	96
74) Di-n-butylphthalate	18.559	149	105642	7.601	ng	99
75) Fluoranthene	19.669	202	156621	8.196	ng	100
77) Benzidine	19.834	184	80658	10.490	ng	99
78) Pyrene	20.027	202	158170	7.827	ng	98
80) Butylbenzylphthalate	20.885	149	44587	7.224	ng	97
81) Benzo(a)anthracene	21.902	228	156978	7.902	ng	99
82) 3,3'-Dichlorobenzidine	21.802	252	62893	8.792	ng	97
83) Chrysene	21.972	228	146594	7.855	ng	97
84) Bis(2-ethylhexyl)phtha...	21.761	149	63987	7.231	ng	99
85) Di-n-octyl phthalate	23.030	149	107829	7.317	ng	99
87) Indeno(1,2,3-cd)pyrene	29.275	276	172508	7.644	ng	100
88) Benzo(b)fluoranthene	24.246	252	159854	8.354	ng	97
89) Benzo(k)fluoranthene	24.317	252	157232	8.139	ng	99
90) Benzo(a)pyrene	25.180	252	141135	7.488	ng	96
91) Dibenzo(a,h)anthracene	29.322	278	153111	8.083	ng	99
92) Benzo(g,h,i)perylene	30.503	276	148629	8.132	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.277 min Scan# 84
Delta R.T. 0.002 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

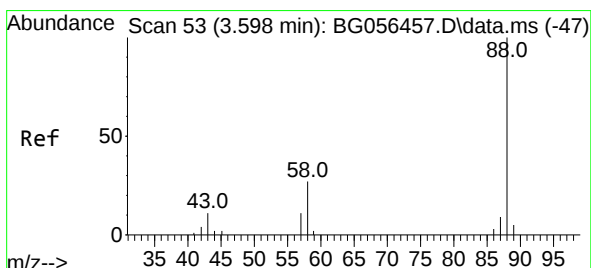
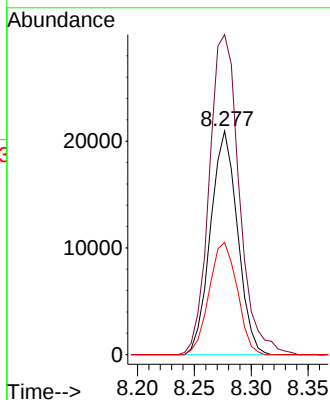
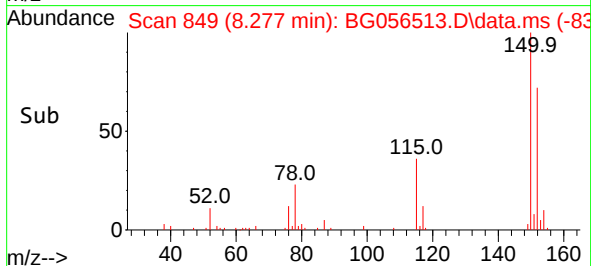
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:152 Resp: 3459
Ion Ratio Lower Upper
152 100
150 143.1 120.2 180.4
115 50.2 36.3 54.5

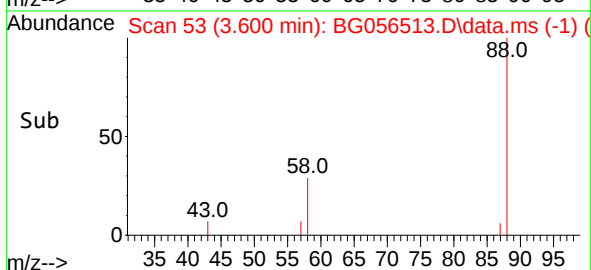
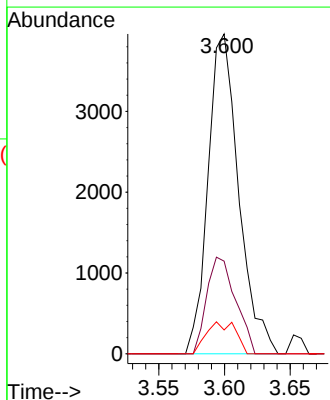
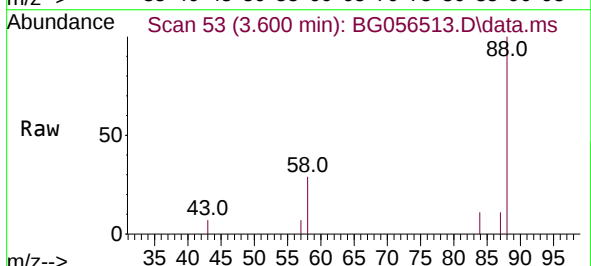
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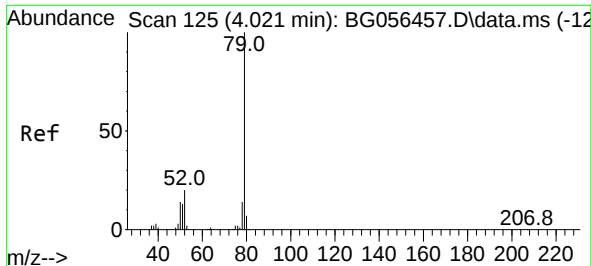
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#2
1,4-Dioxane
Concen: 8.234 ng
RT: 3.600 min Scan# 53
Delta R.T. 0.001 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

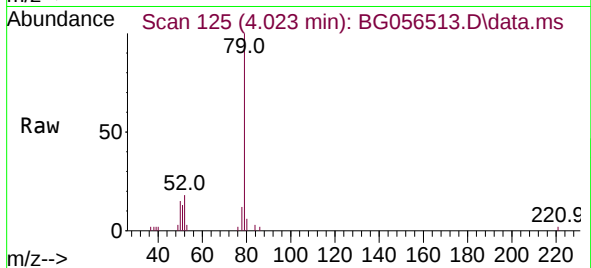
Tgt Ion: 88 Resp: 6448
Ion Ratio Lower Upper
88 100
58 28.3 23.0 34.4
43 9.5 8.0 12.0





#3
Pyridine
Concen: 6.926 ng
RT: 4.023 min Scan# 110
Delta R.T. 0.001 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

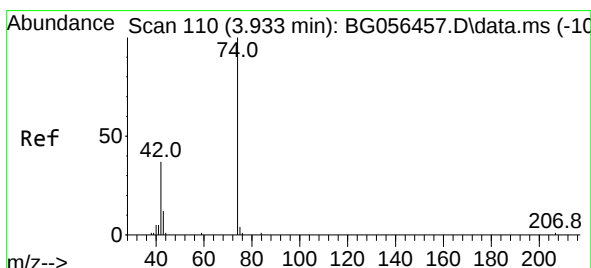
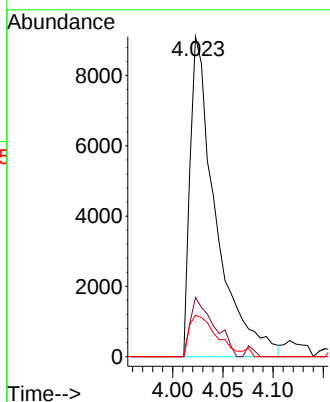
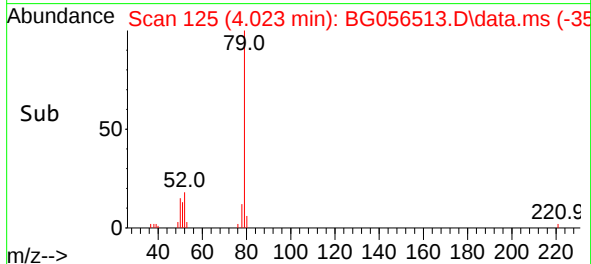
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022



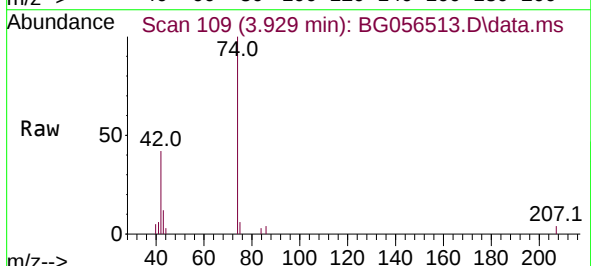
Tgt Ion: 79 Resp: 1616
Ion Ratio Lower Upper
79 100
52 18.5 16.1 24.1
51 13.0 10.7 16.1

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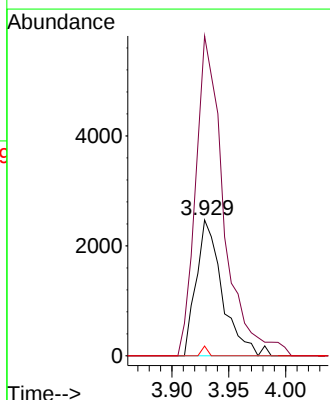
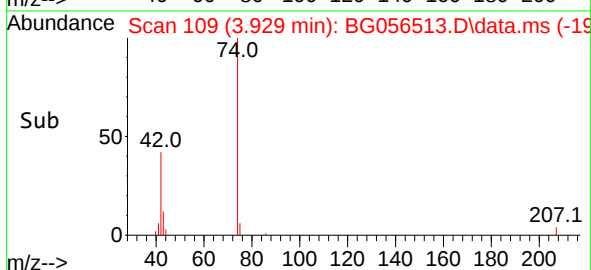
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#4
n-Nitrosodimethylamine
Concen: 7.953 ng
RT: 3.929 min Scan# 109
Delta R.T. 0.001 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01



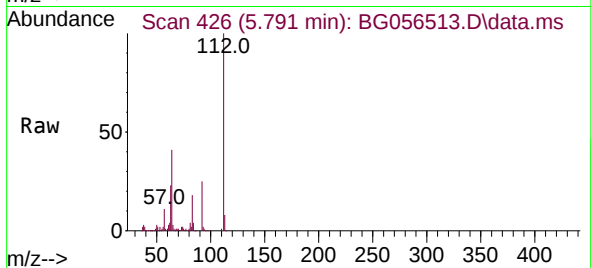
Tgt Ion: 42 Resp: 3948
Ion Ratio Lower Upper
42 100
74 235.4 217.9 326.9
44 7.2 3.0 4.6#





#5
2-Fluorophenol
Concen: 105.934 ng
RT: 5.791 min Scan# 428
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

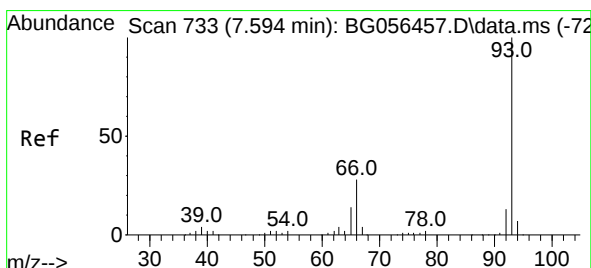
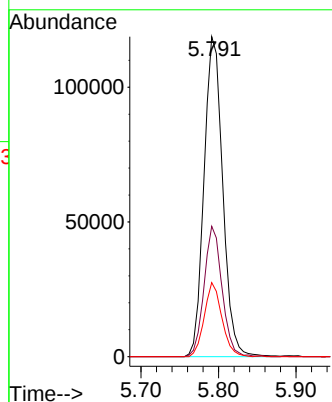
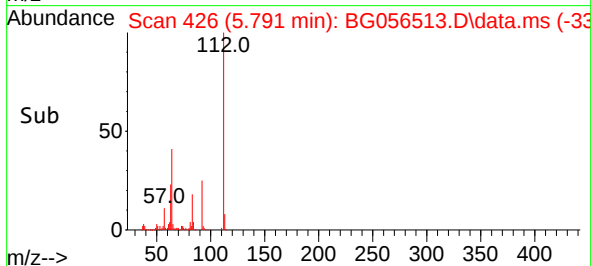
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion: 112 Resp: 199231
Ion Ratio Lower Upper
112 100
64 40.7 31.9 47.9
63 23.1 17.4 26.0

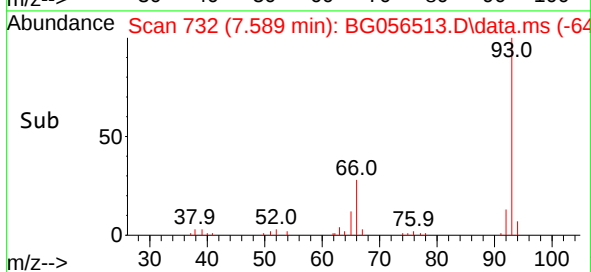
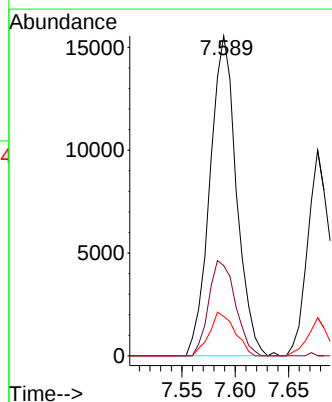
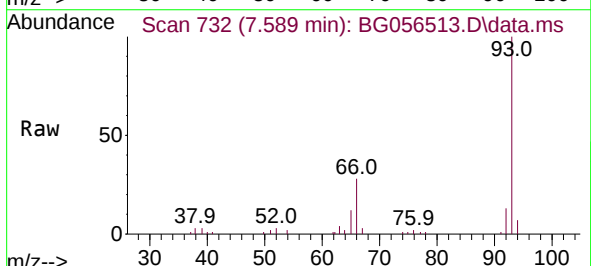
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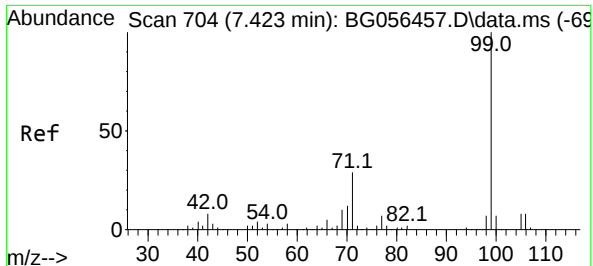
Reviewed By :Christian Giraldo 02/03/2023
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#6
Aniline
Concen: 7.398 ng
RT: 7.589 min Scan# 732
Delta R.T. 0.001 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

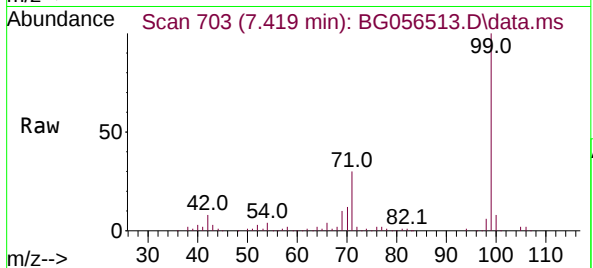
Tgt Ion: 93 Resp: 26990
Ion Ratio Lower Upper
93 100
66 28.2 22.2 33.2
65 12.3 11.3 16.9





#7
Phenol-d6
Concen: 103.450 ng
RT: 7.419 min Scan# 704
Delta R.T. 0.001 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

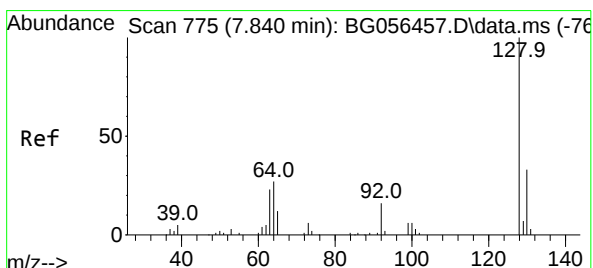
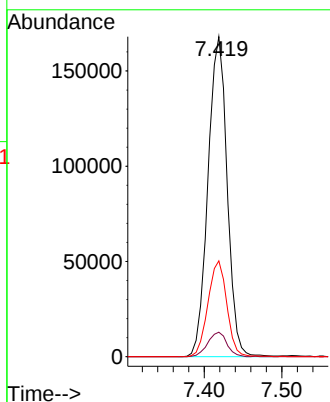
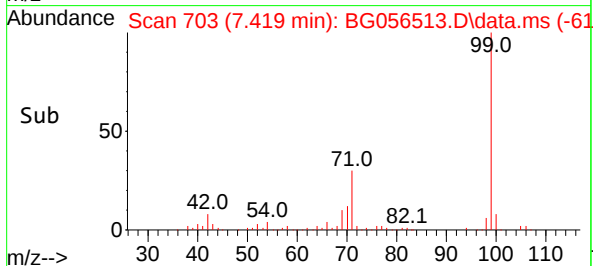
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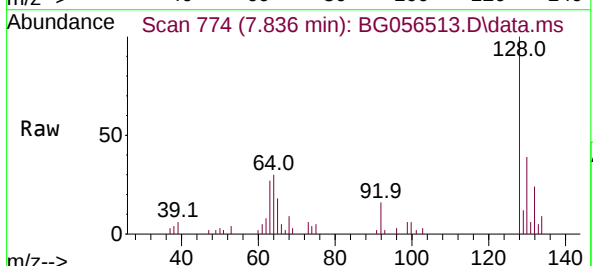
Tgt Ion: 99 Resp: 28827
Ion Ratio Lower Upper
99 100
42 7.6 6.6 10.0
71 29.9 23.4 35.0

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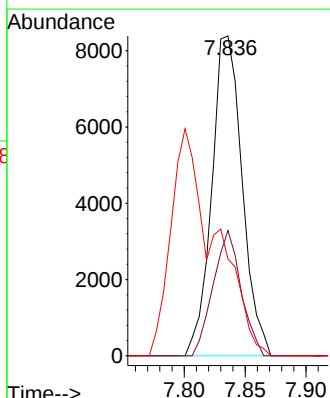
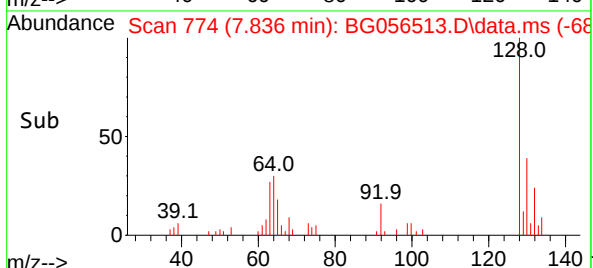
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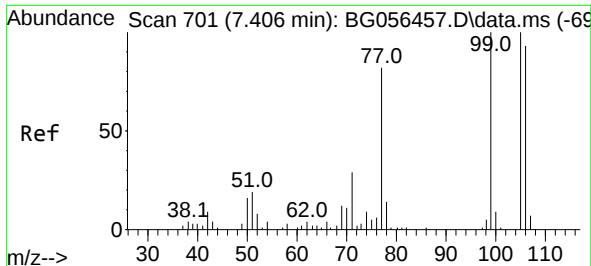


#8
2-Chlorophenol
Concen: 7.061 ng
RT: 7.836 min Scan# 774
Delta R.T. 0.001 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01



Tgt Ion:128 Resp: 14588
Ion Ratio Lower Upper
128 100
130 39.2 12.8 52.8
64 30.3 11.3 51.3





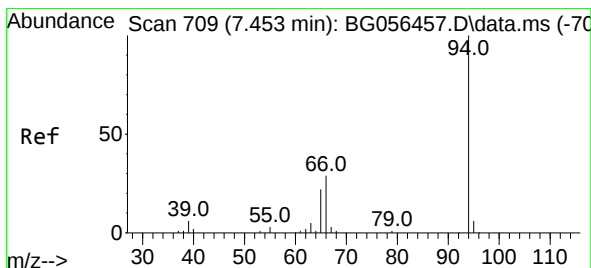
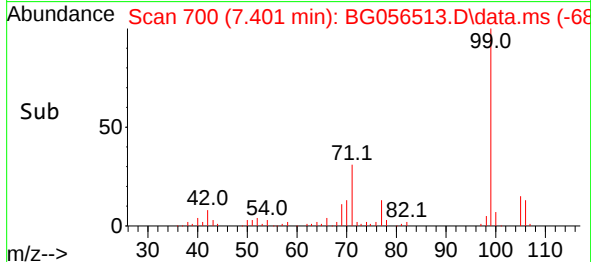
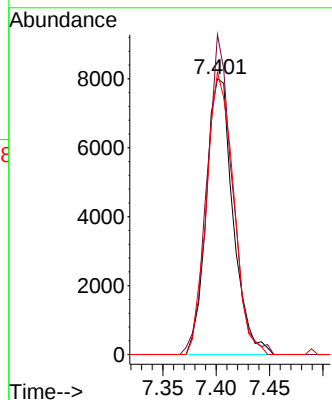
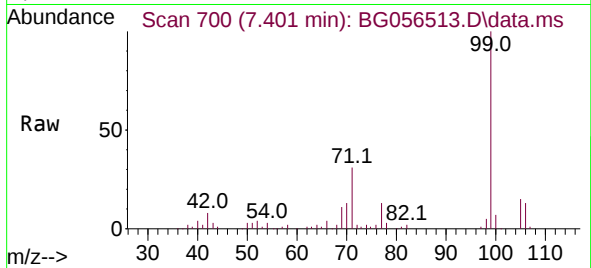
#9
Benzaldehyde
Concen: 8.560 ng
RT: 7.401 min Scan# 701
Delta R.T. 0.001 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

Instrument :
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ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion: 77 Resp: 14033
Ion Ratio Lower Upper
77 100
105 116.0 101.8 141.8
106 102.4 93.0 133.0

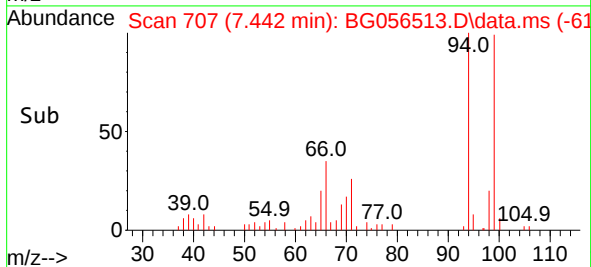
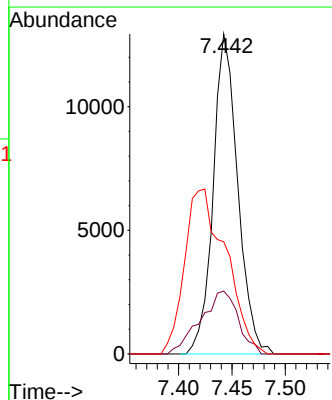
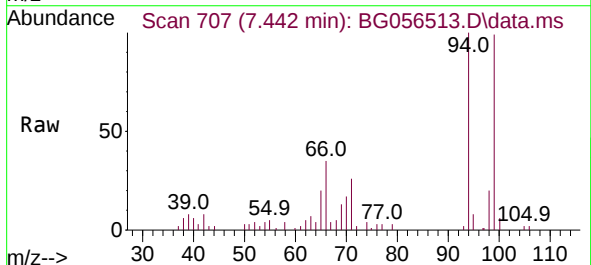
Manual Integrations
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#10
Phenol
Concen: 7.334 ng
RT: 7.442 min Scan# 707
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

Tgt Ion: 94 Resp: 20772
Ion Ratio Lower Upper
94 100
65 19.6 2.3 42.3
66 35.0 11.2 51.2





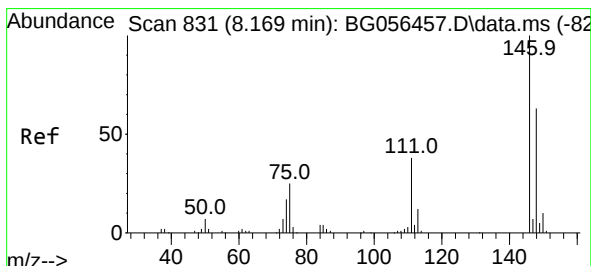
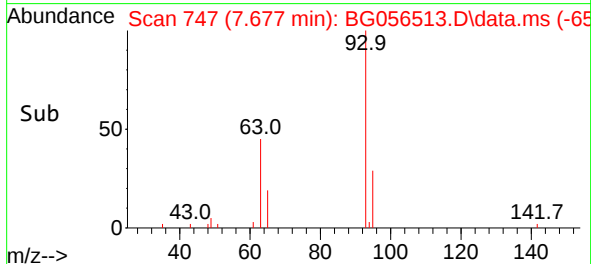
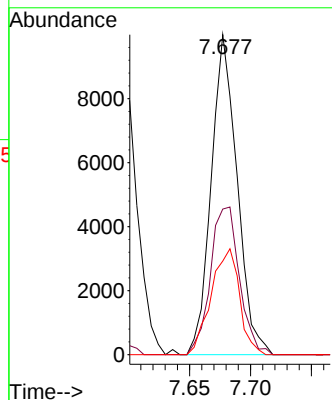
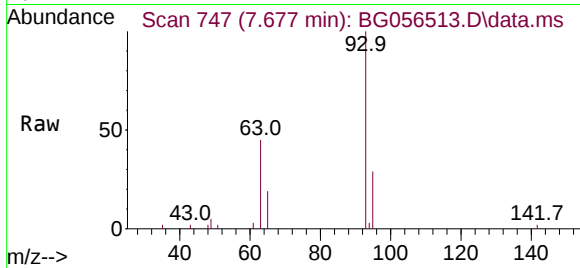
#11
bis(2-Chloroethyl)ether
Concen: 7.589 ng
RT: 7.677 min Scan# 74
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion: 93 Resp: 14774
Ion Ratio Lower Upper
93 100
63 45.5 32.4 72.4
95 29.2 11.8 51.8

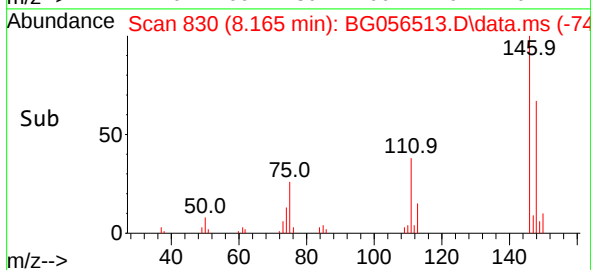
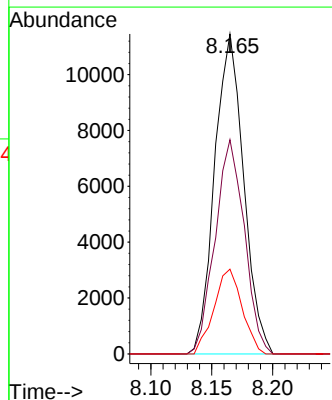
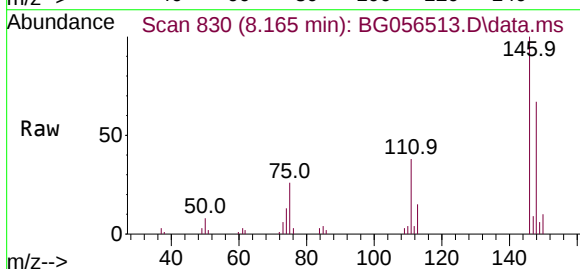
Manual Integrations
APPROVED

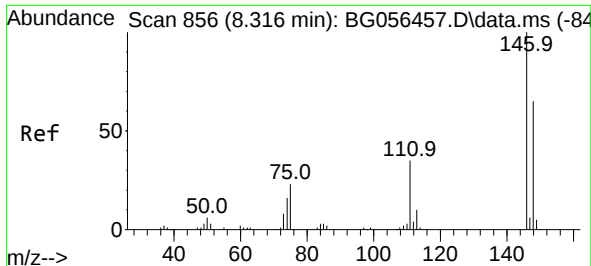
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#12
1,3-Dichlorobenzene
Concen: 7.967 ng
RT: 8.165 min Scan# 830
Delta R.T. 0.001 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

Tgt Ion:146 Resp: 18952
Ion Ratio Lower Upper
146 100
148 66.9 50.6 75.8
75 26.5 19.6 29.4





#13

1,4-Dichlorobenzene

Concen: 8.434 ng

RT: 8.312 min Scan# 84

Delta R.T. 0.001 min

Lab File: BG056513.D

Acq: 2 Feb 2023 14:01

Instrument :

BNA_G

ClientSampleId :

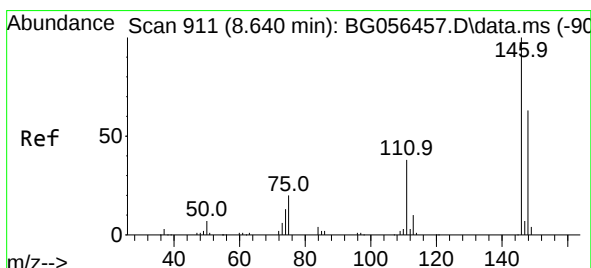
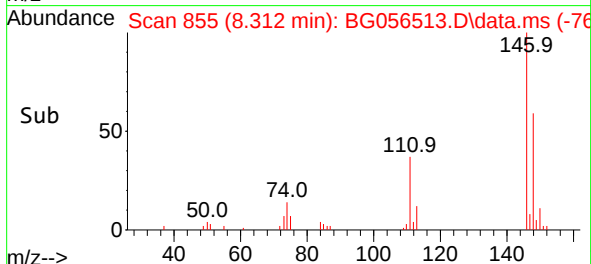
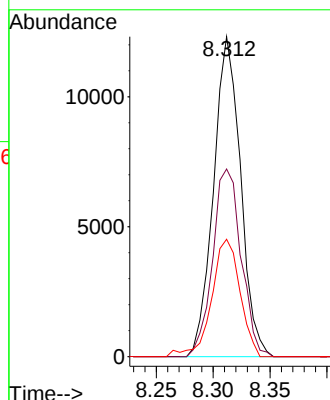
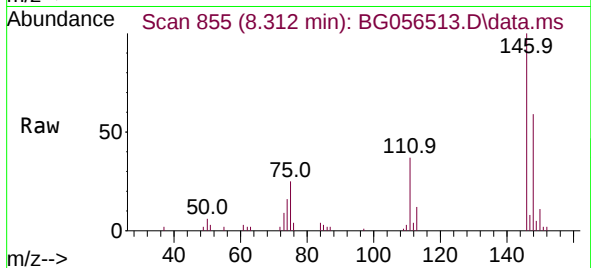
MDL-WATER-03-QT4-2022

Tgt Ion:146 Resp: 20318
 Ion Ratio Lower Upper
 146 100
 148 58.6 51.8 77.6
 111 36.7 28.6 42.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/03/2023
 Supervised By :Jagrut Upadhyay 02/03/2023



#14

1,2-Dichlorobenzene

Concen: 8.181 ng

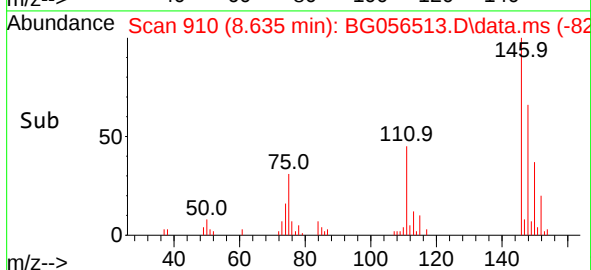
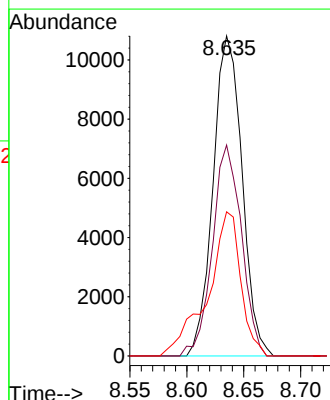
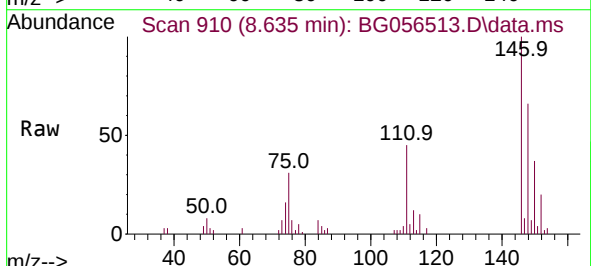
RT: 8.635 min Scan# 910

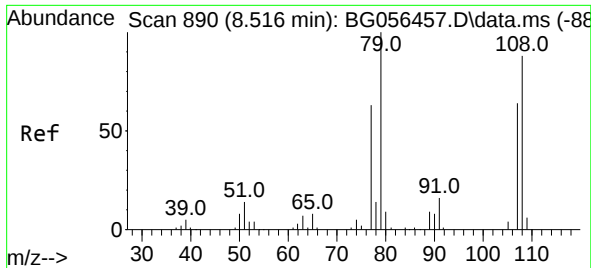
Delta R.T. 0.001 min

Lab File: BG056513.D

Acq: 2 Feb 2023 14:01

Tgt Ion:146 Resp: 19121
 Ion Ratio Lower Upper
 146 100
 148 65.9 50.1 75.1
 111 45.0 30.9 46.3





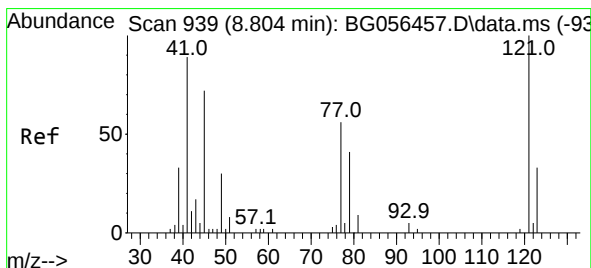
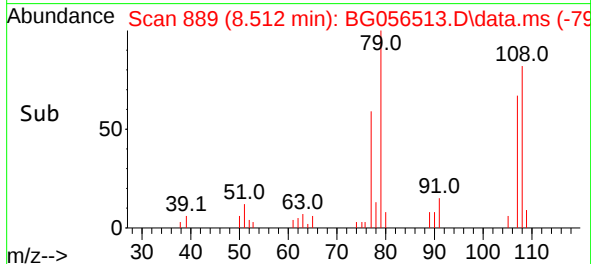
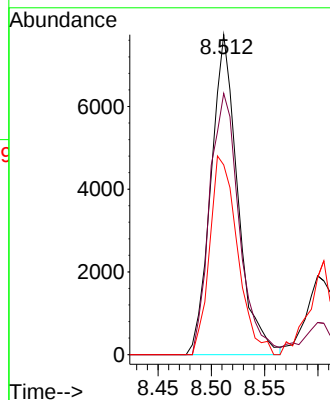
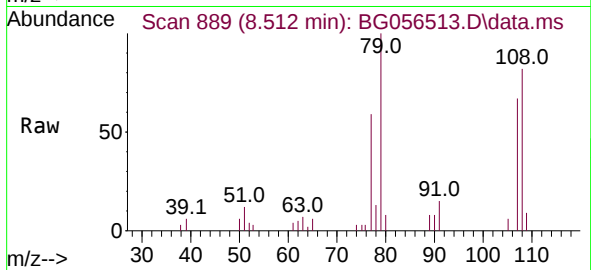
#15
Benzyl Alcohol
Concen: 7.094 ng
RT: 8.512 min Scan# 890
Delta R.T. 0.001 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion: 79 Resp: 13562
Ion Ratio Lower Upper
79 100
108 81.6 70.1 105.1
77 59.3 50.3 75.5

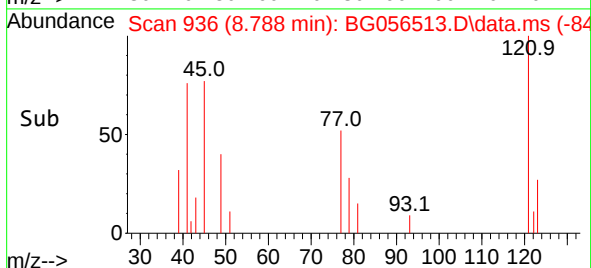
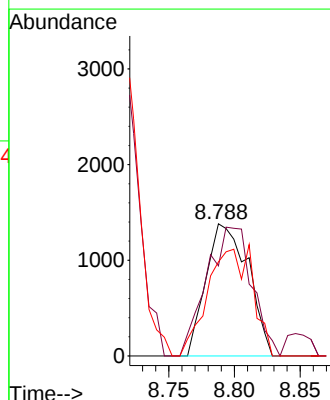
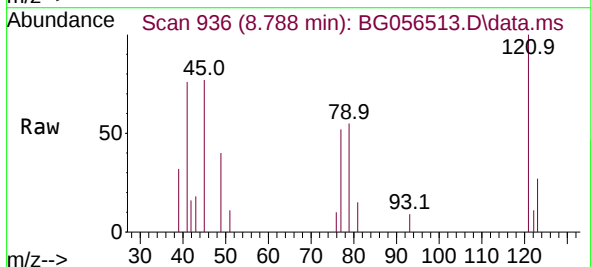
Manual Integrations
APPROVED

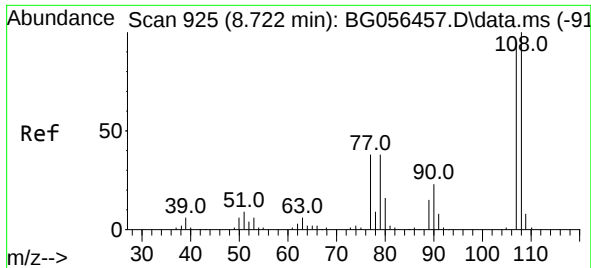
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.474 ng
RT: 8.788 min Scan# 936
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

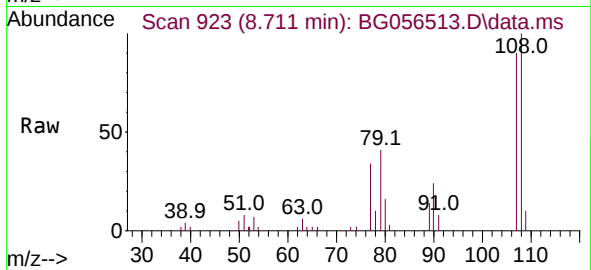
Tgt Ion: 45 Resp: 3083
Ion Ratio Lower Upper
45 100
77 68.1 62.1 102.1
79 71.2 42.7 82.7





#17
2-Methylphenol
Concen: 7.184 ng
RT: 8.711 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

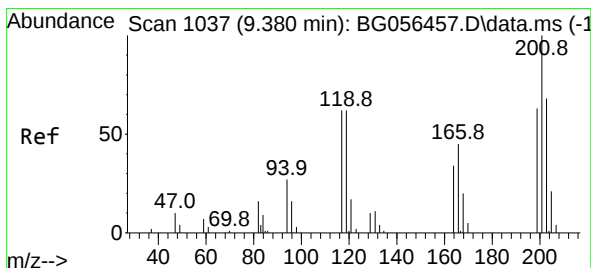
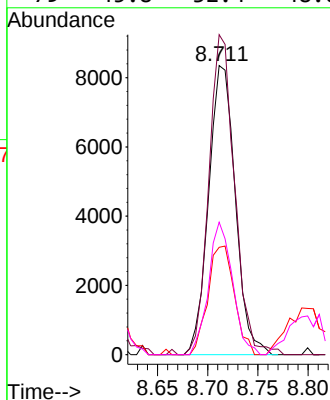
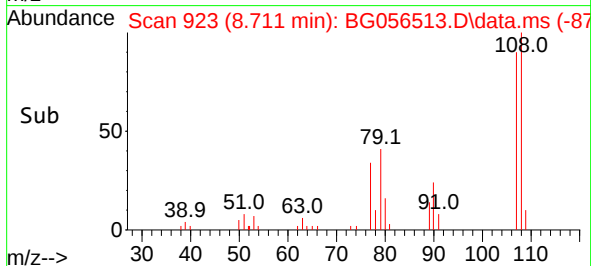
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022



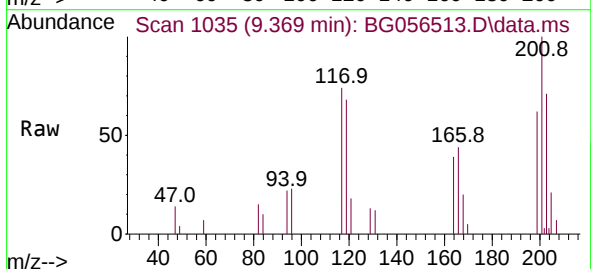
Tgt Ion:107 Resp: 15479
Ion Ratio Lower Upper
107 100
108 110.7 83.9 125.9
77 37.1 31.6 47.4
79 45.8 32.4 48.6

Manual Integrations
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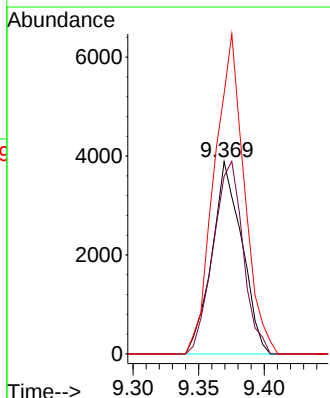
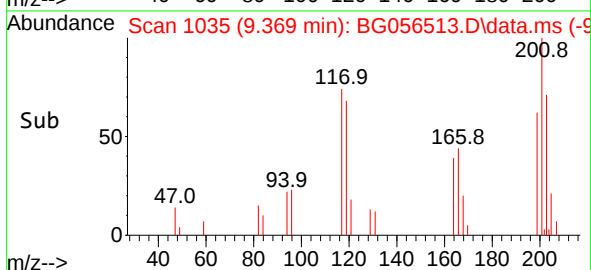
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

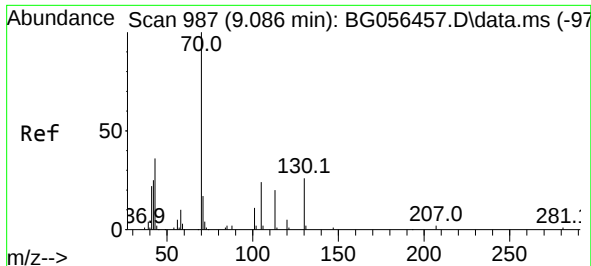


#18
Hexachloroethane
Concen: 8.500 ng
RT: 9.369 min Scan# 1035
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01



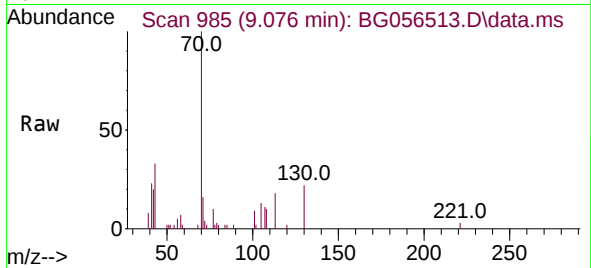
Tgt Ion:117 Resp: 6193
Ion Ratio Lower Upper
117 100
119 92.5 79.4 119.0
201 135.4 128.5 192.7





#19
n-Nitroso-di-n-propylamine
Concen: 7.429 ng
RT: 9.076 min Scan# 985
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

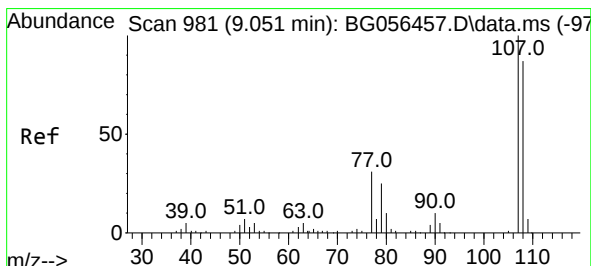
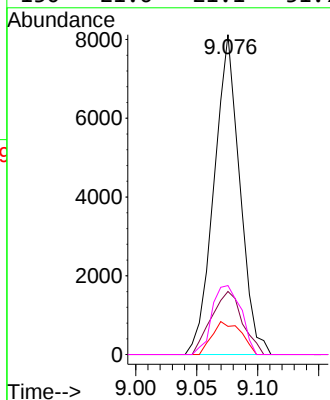
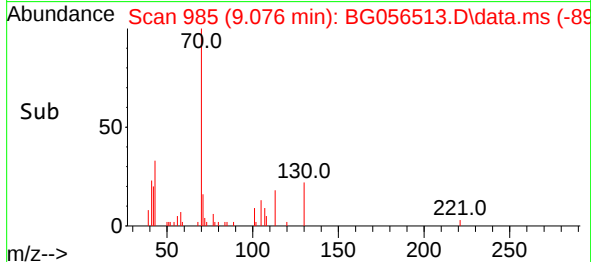
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT4-2022



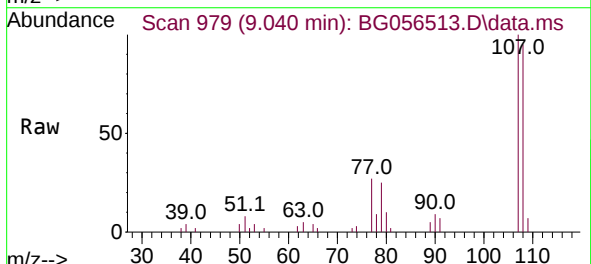
Tgt Ion: 70 Resp: 11930
Ion Ratio Lower Upper
70 100
42 19.7 20.2 30.4
101 8.8 9.1 13.7
130 21.6 21.1 31.7

Manual Integrations
APPROVED

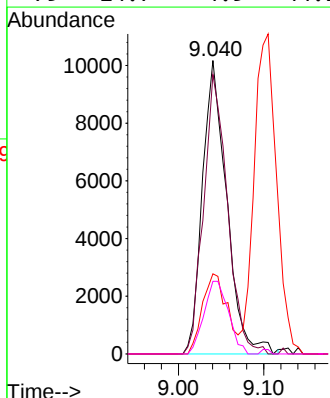
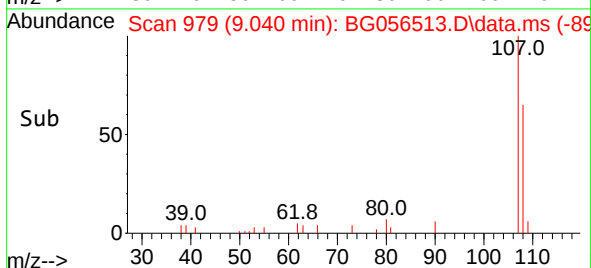
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

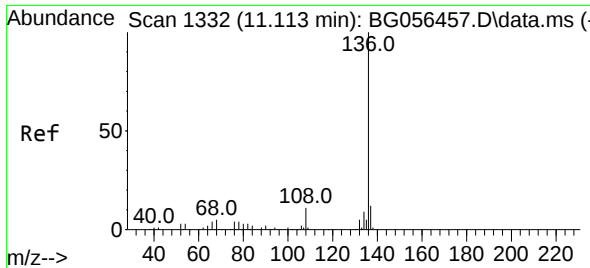


#20
3+4-Methylphenols
Concen: 6.656 ng
RT: 9.040 min Scan# 979
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01



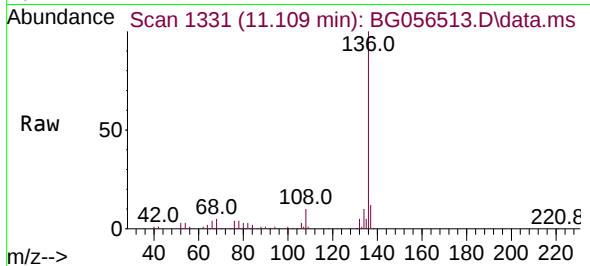
Tgt Ion:107 Resp: 20097
Ion Ratio Lower Upper
107 100
108 95.3 66.7 106.7
77 27.3 10.6 50.6
79 24.7 4.9 44.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.109 min Scan# 1331
Delta R.T. 0.001 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

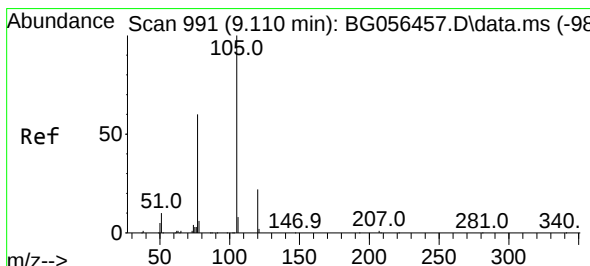
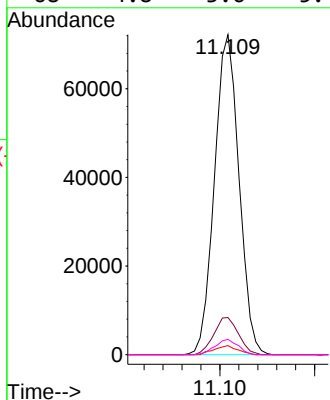
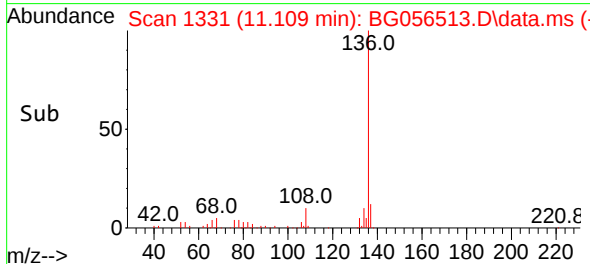
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:136 Resp: 129650
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.0
54 2.8 2.2 3.4
68 4.8 3.6 5.4

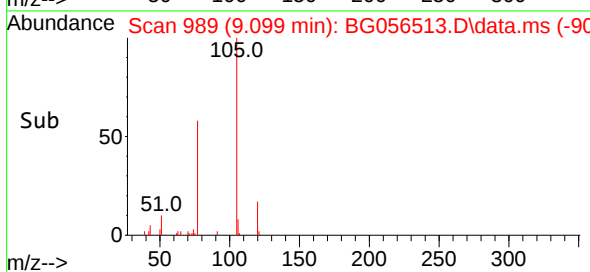
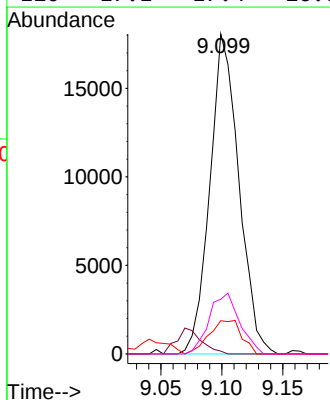
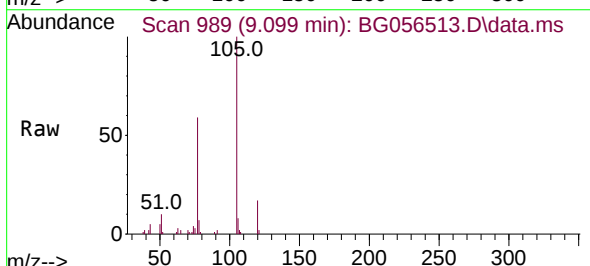
Manual Integrations
APPROVED

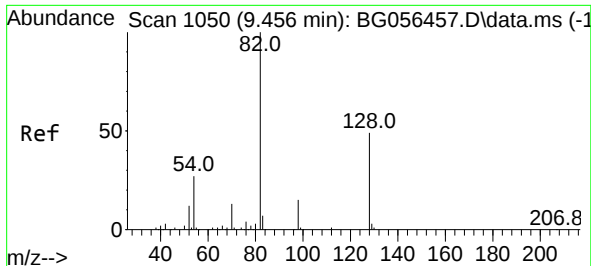
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#22
Acetophenone
Concen: 8.684 ng
RT: 9.099 min Scan# 989
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

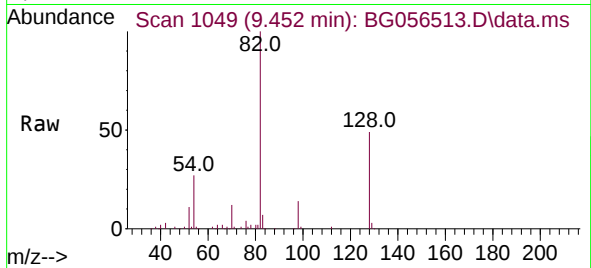
Tgt Ion:105 Resp: 29913
Ion Ratio Lower Upper
105 100
71 0.9 0.6 0.8#
51 10.4 9.2 13.8
120 17.1 17.4 26.0#





#23
Nitrobenzene-d5
Concen: 84.237 ng
RT: 9.452 min Scan# 1049
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

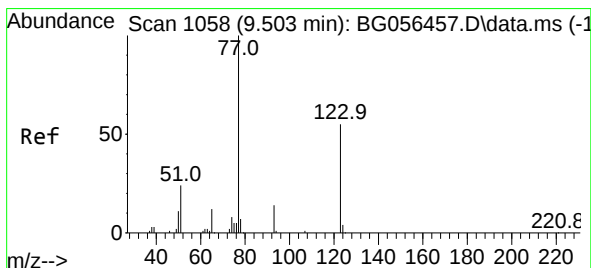
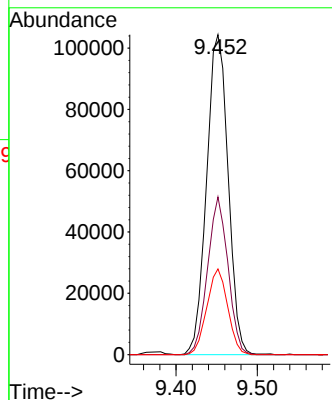
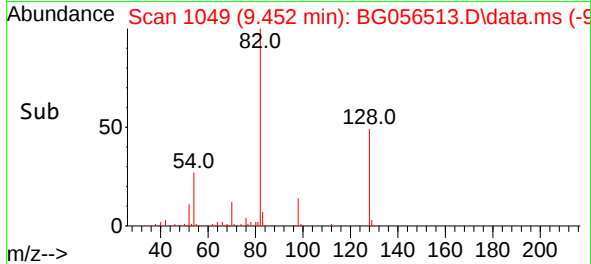
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT4-2022



Tgt Ion: 82 Resp: 192328
Ion Ratio Lower Upper
82 100
128 49.3 39.4 59.2
54 26.8 21.4 32.2

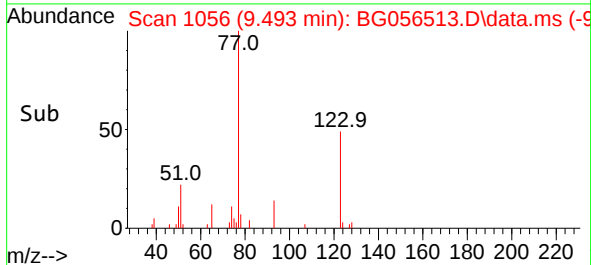
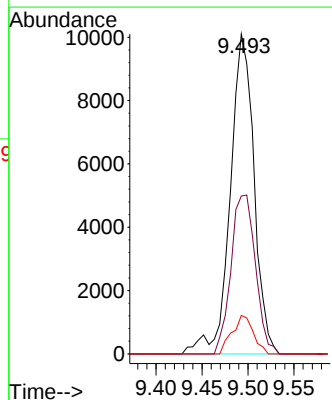
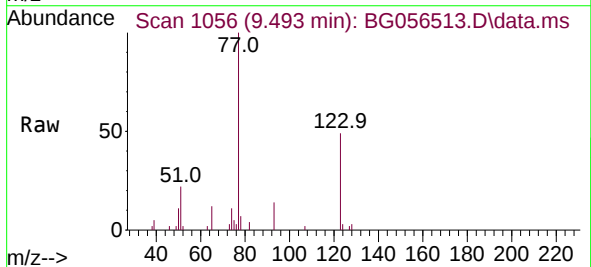
Manual Integrations
APPROVED

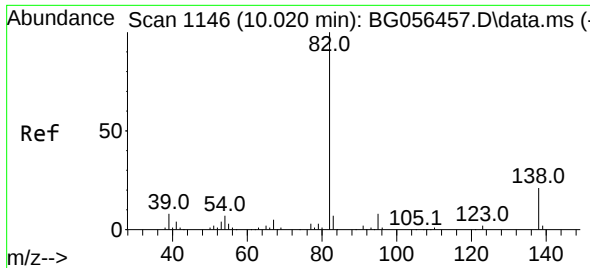
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#24
Nitrobenzene
Concen: 8.258 ng m
RT: 9.493 min Scan# 1056
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

Tgt Ion: 77 Resp: 18186
Ion Ratio Lower Upper
77 100
123 49.3 44.0 66.0
65 12.0 9.7 14.5





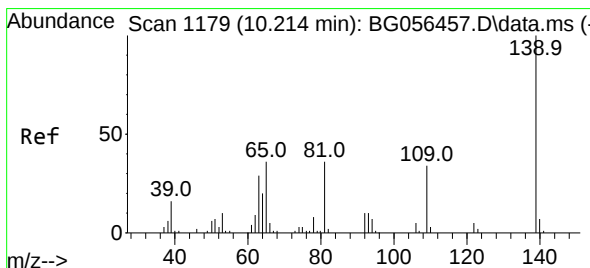
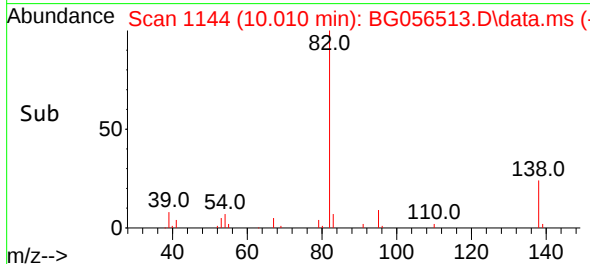
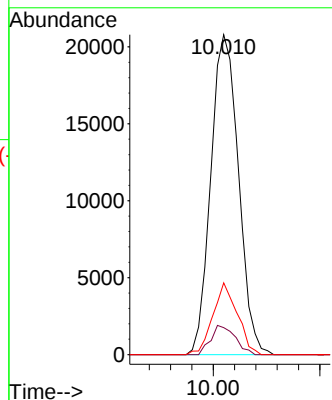
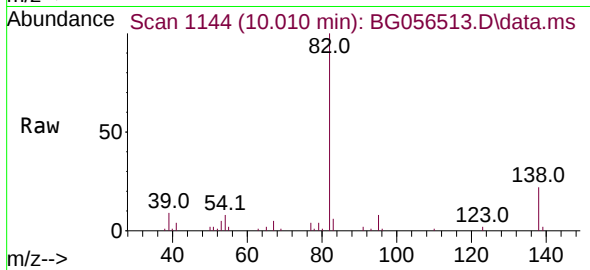
#25
Isophorone
Concen: 7.951 ng
RT: 10.010 min Scan# 1146
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion: 82 Resp: 37449
Ion Ratio Lower Upper
82 100
95 8.4 6.3 9.5
138 22.4 16.6 25.0

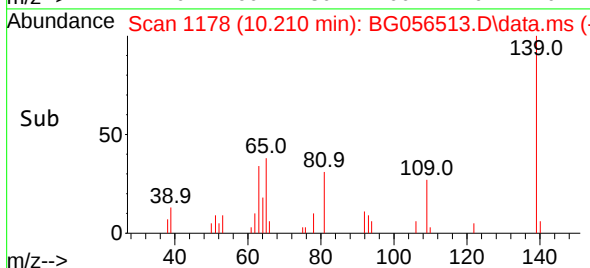
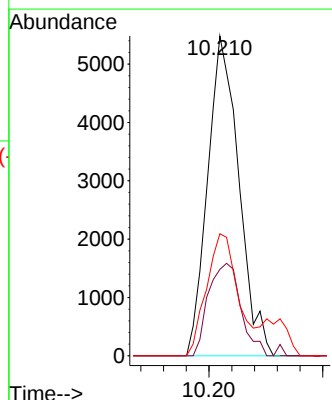
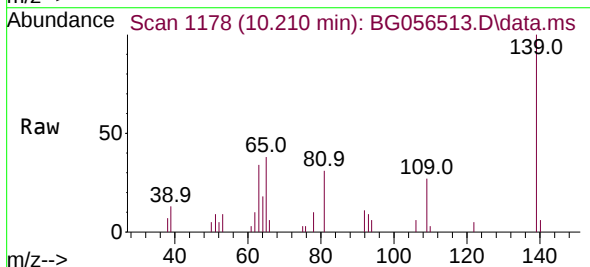
Manual Integrations
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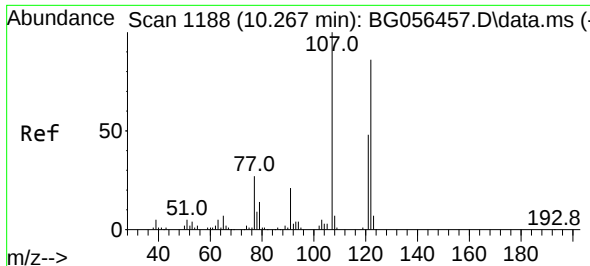
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#26
2-Nitrophenol
Concen: 7.815 ng
RT: 10.210 min Scan# 1178
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

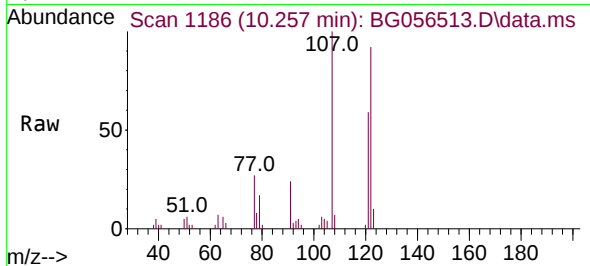
Tgt Ion:139 Resp: 10443
Ion Ratio Lower Upper
139 100
109 27.0 26.9 40.3
65 38.1 29.0 43.4





#27
2,4-Dimethylphenol
Concen: 7.130 ng
RT: 10.257 min Scan# 1188
Delta R.T. 0.001 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

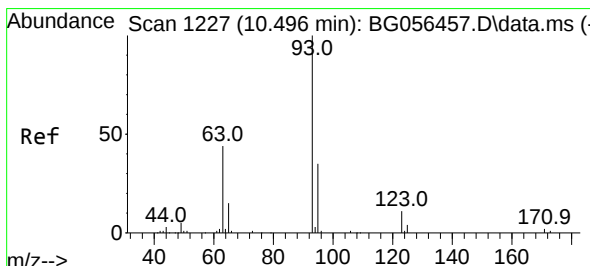
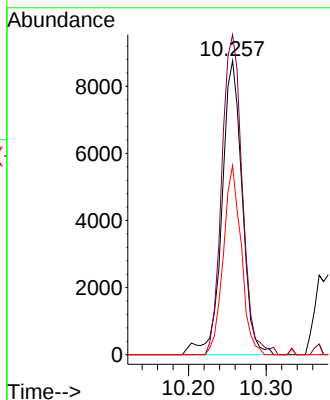
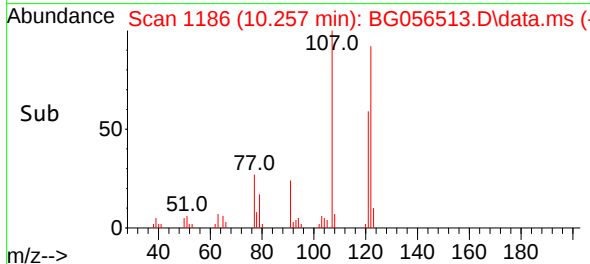
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:122 Resp: 15945
Ion Ratio Lower Upper
122 100
107 108.9 92.9 139.3
121 64.3 45.0 67.4

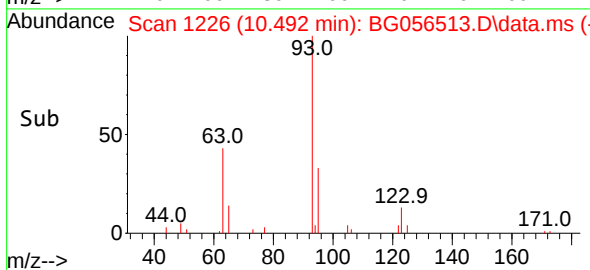
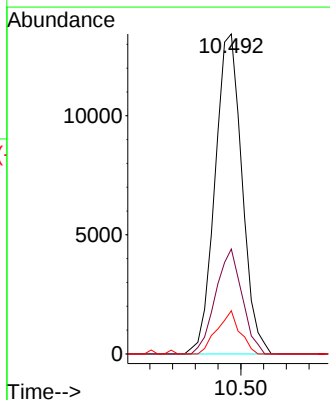
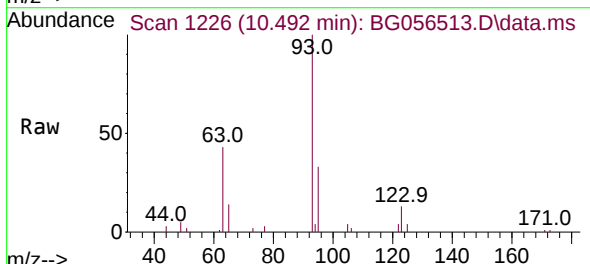
Manual Integrations
APPROVED

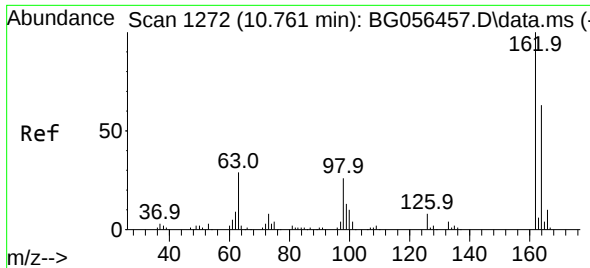
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#28
bis(2-Chloroethoxy)methane
Concen: 8.503 ng
RT: 10.492 min Scan# 1226
Delta R.T. 0.001 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

Tgt Ion: 93 Resp: 22125
Ion Ratio Lower Upper
93 100
95 32.8 27.9 41.9
123 13.5 8.6 12.8#





#29

2,4-Dichlorophenol

Concen: 7.659 ng

RT: 10.756 min Scan# 1271

Delta R.T. 0.001 min

Lab File: BG056513.D

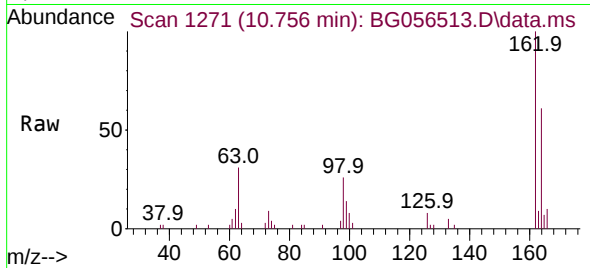
Acq: 2 Feb 2023 14:01

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2022



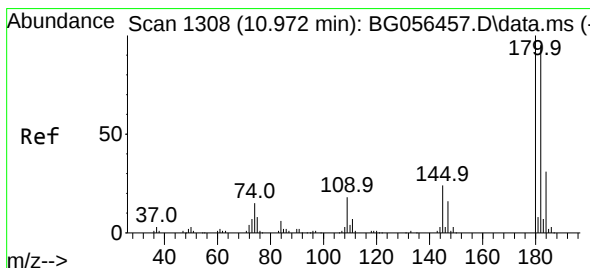
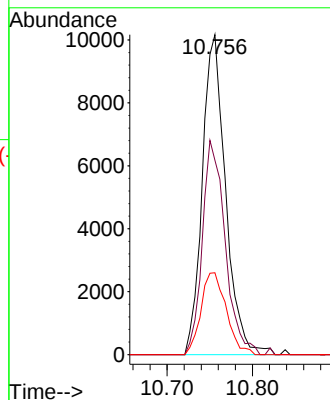
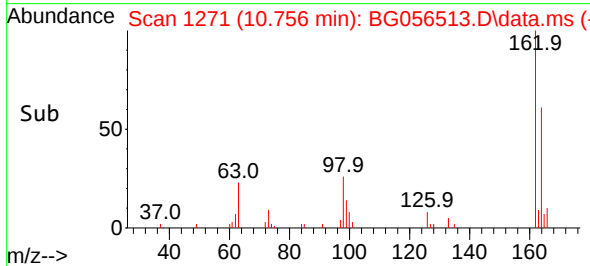
Tgt Ion:	162	Resp:	19278
Ion Ratio	Lower	Upper	
162	100		
164	60.7	42.8	82.8
98	25.6	6.5	46.5

Manual Integrations

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Reviewed By :Christian Giraldo 02/03/2023

Supervised By :Jagrut Upadhyay 02/03/2023



#30

1,2,4-Trichlorobenzene

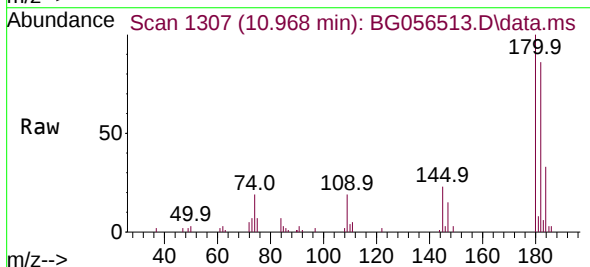
Concen: 8.410 ng

RT: 10.968 min Scan# 1307

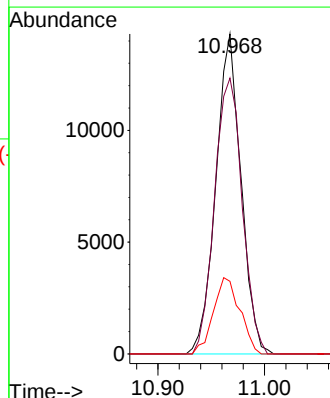
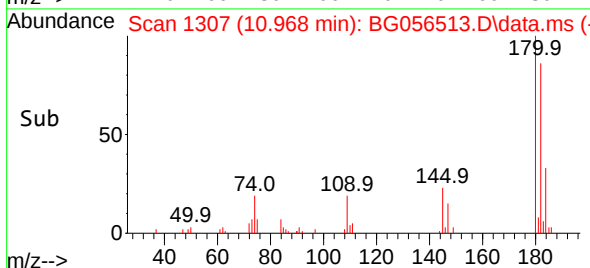
Delta R.T. 0.001 min

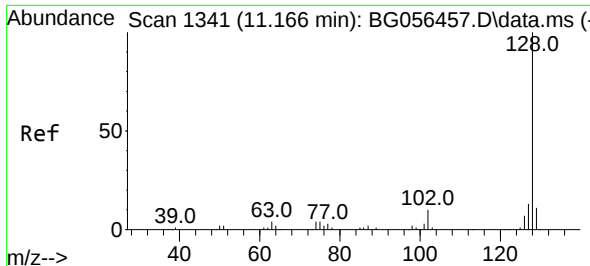
Lab File: BG056513.D

Acq: 2 Feb 2023 14:01



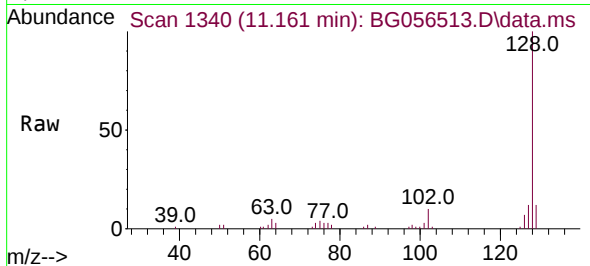
Tgt Ion:	180	Resp:	23523
Ion Ratio	Lower	Upper	
180	100		
182	86.2	75.9	113.9
145	22.7	19.4	29.0





#31
Naphthalene
Concen: 8.011 ng
RT: 11.161 min Scan# 1341
Delta R.T. 0.001 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

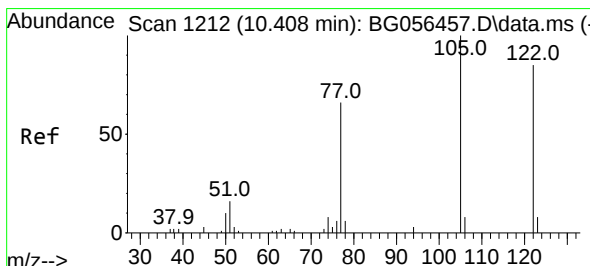
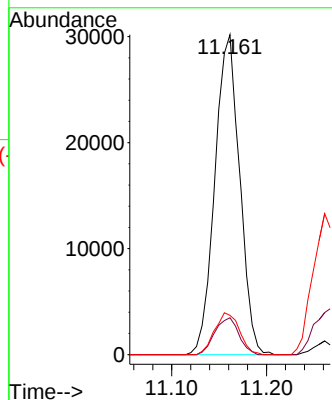
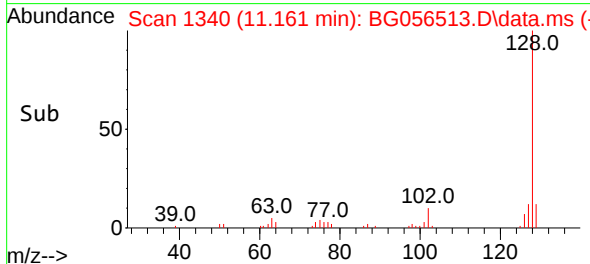
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022



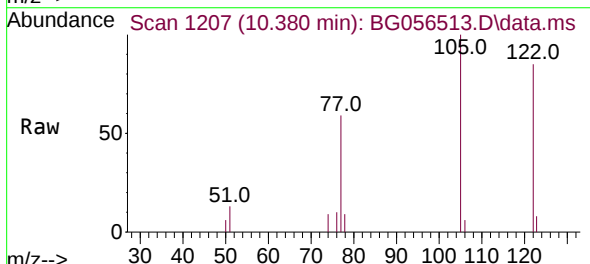
Tgt Ion:128 Resp: 54819
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 12.3 10.4 15.6

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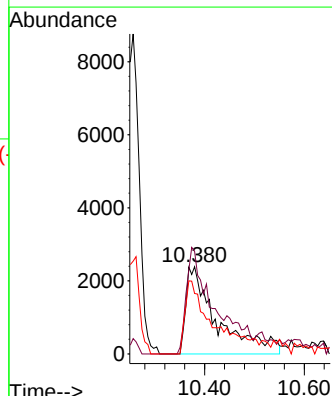
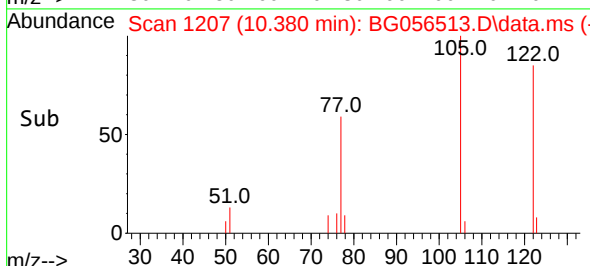
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

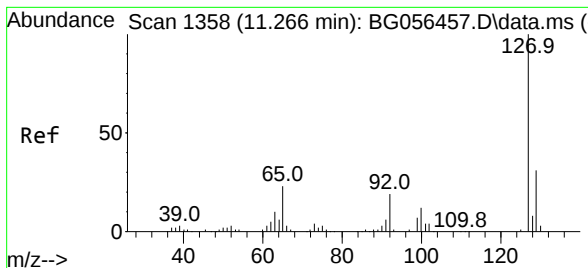


#32
Benzoic acid
Concen: 8.314 ng m
RT: 10.380 min Scan# 1207
Delta R.T. -0.022 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01



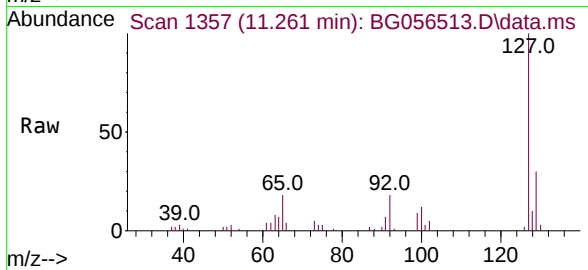
Tgt Ion:122 Resp: 10402
Ion Ratio Lower Upper
122 100
105 117.7 96.5 136.5
77 69.4 57.3 97.3





#33
4-Chloroaniline
Concen: 7.860 ng
RT: 11.261 min Scan# 1357
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

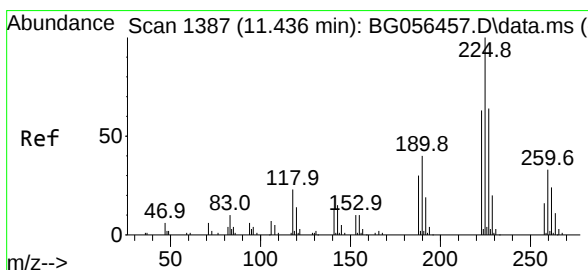
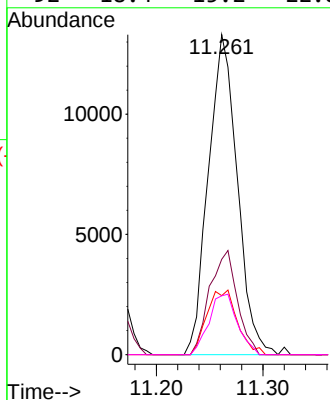
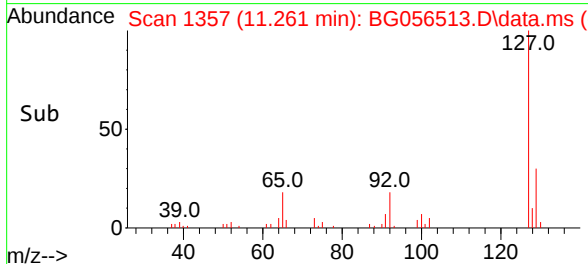
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT4-2022



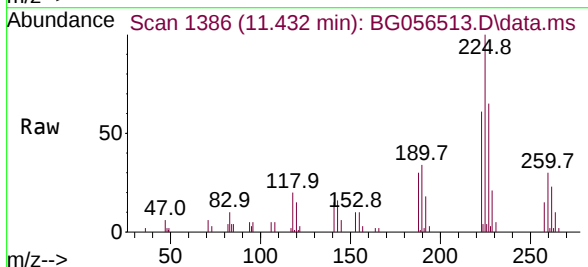
Tgt Ion:127 Resp: 25106
Ion Ratio Lower Upper
127 100
129 29.8 25.0 37.6
65 18.4 18.5 27.7
92 18.4 15.2 22.8

Manual Integrations
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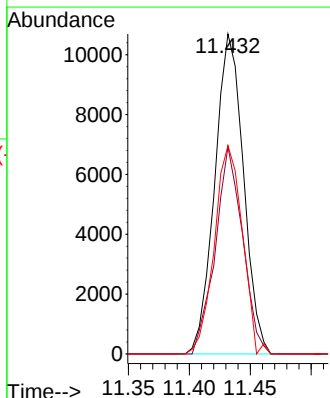
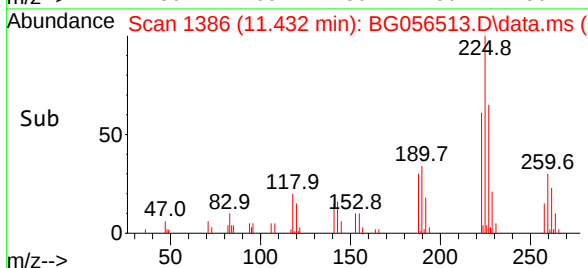
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

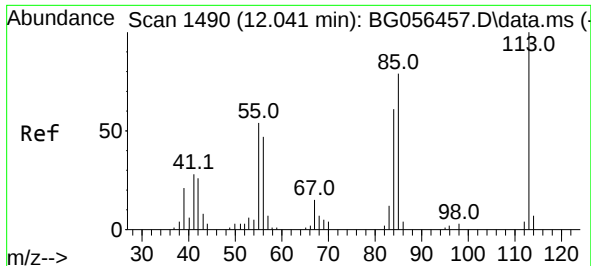


#34
Hexachlorobutadiene
Concen: 8.923 ng
RT: 11.432 min Scan# 1386
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01



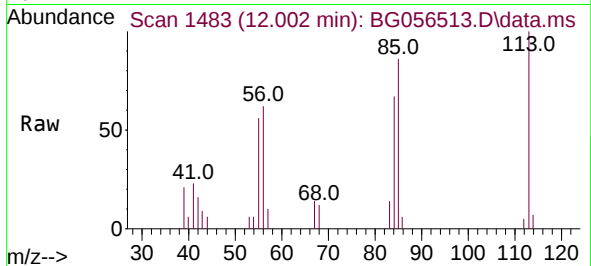
Tgt Ion:225 Resp: 17519
Ion Ratio Lower Upper
225 100
223 62.0 50.6 75.8
227 62.4 53.7 80.5





#35
Caprolactam
Concen: 7.881 ng
RT: 12.002 min Scan# 1490
Delta R.T. -0.028 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

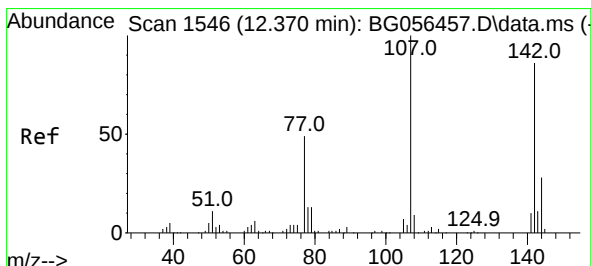
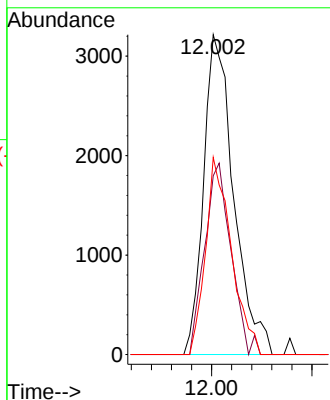
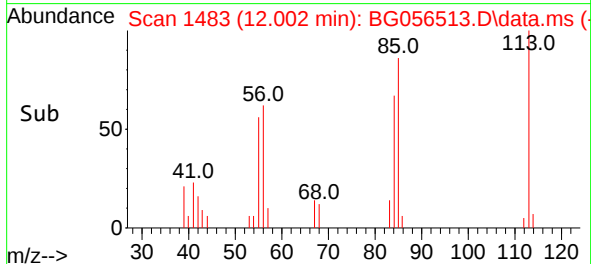
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022



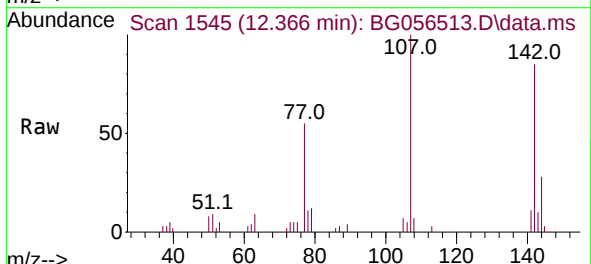
Tgt Ion:113 Resp: 6690
Ion Ratio Lower Upper
113 100
55 55.9 33.7 73.7
56 61.6 27.1 67.1

Manual Integrations
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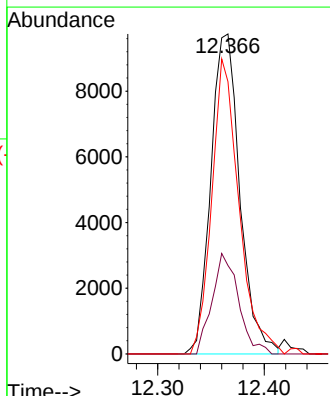
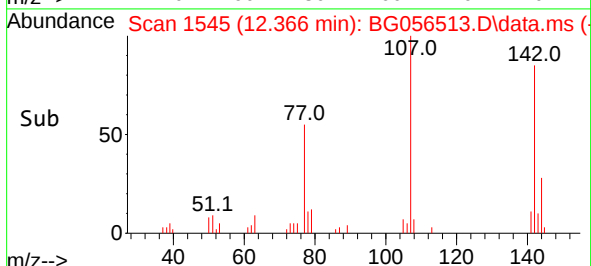
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

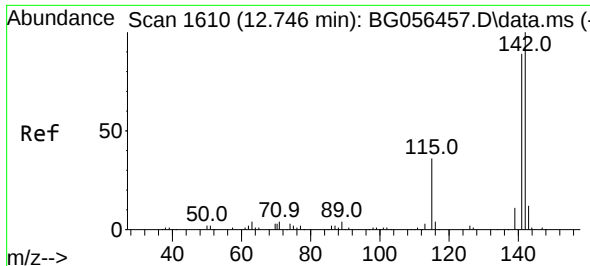


#36
4-Chloro-3-methylphenol
Concen: 7.595 ng
RT: 12.366 min Scan# 1545
Delta R.T. 0.001 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01



Tgt Ion:107 Resp: 18463
Ion Ratio Lower Upper
107 100
144 27.6 22.3 33.5
142 85.1 68.9 103.3





#37

2-Methylnaphthalene

Concen: 8.041 ng

RT: 12.742 min Scan# 1609

Delta R.T. -0.005 min

Lab File: BG056513.D

Acq: 2 Feb 2023 14:01

Instrument :

BNA_G

ClientSampleId :

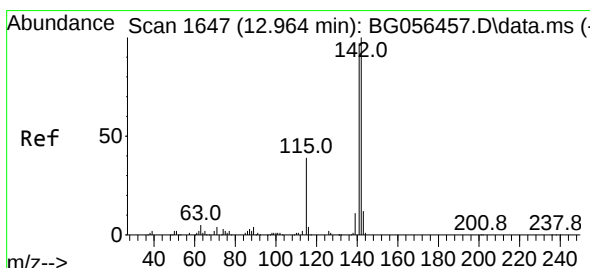
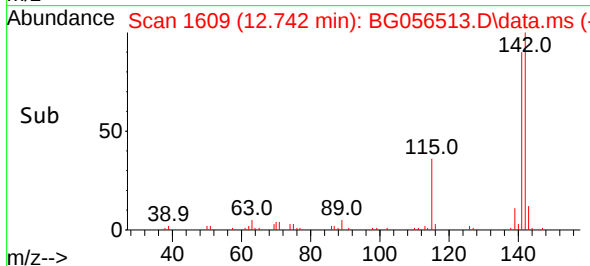
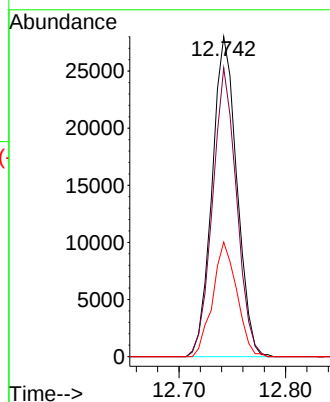
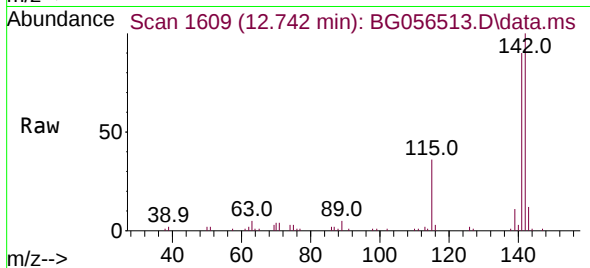
MDL-WATER-03-QT4-2022

Tgt Ion:142	Resp:	4536
Ion Ratio	Lower	Upper
142	100	
141	90.2	71.4 107.0
115	35.8	28.4 42.6

Manual Integrations

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Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#38

1-Methylnaphthalene

Concen: 8.154 ng

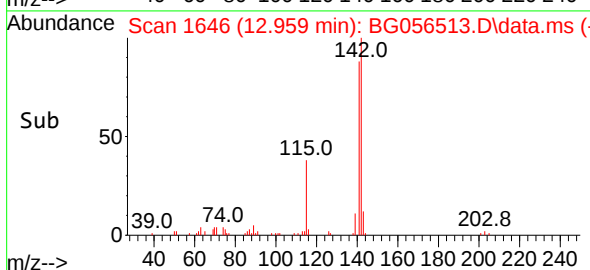
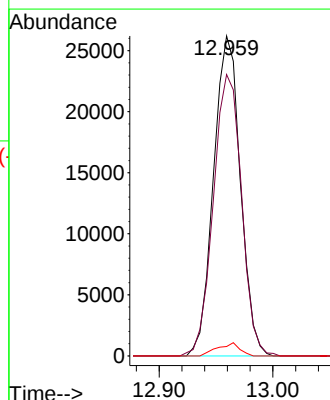
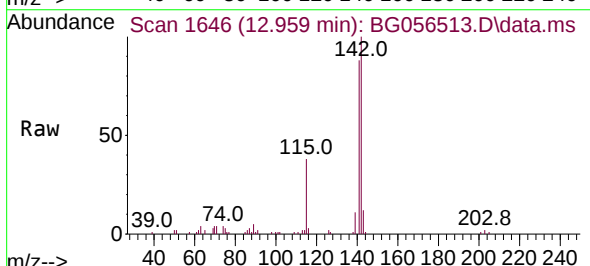
RT: 12.959 min Scan# 1646

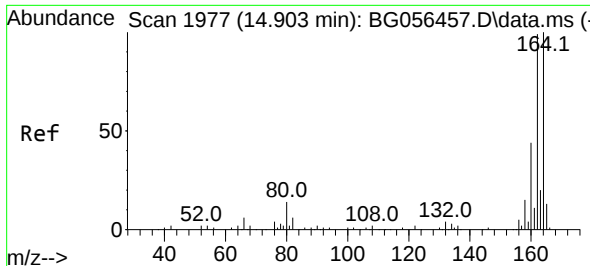
Delta R.T. -0.005 min

Lab File: BG056513.D

Acq: 2 Feb 2023 14:01

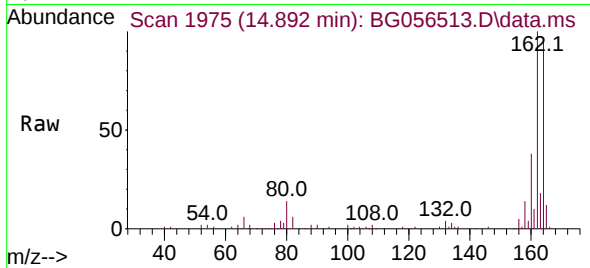
Tgt Ion:142	Resp:	42963
Ion Ratio	Lower	Upper
142	100	
141	87.9	77.7 116.5
116	2.9	3.4 5.2#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.892 min Scan# 1975
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

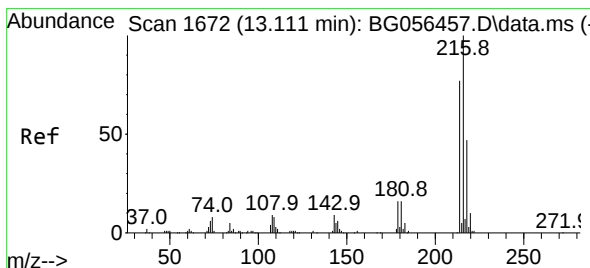
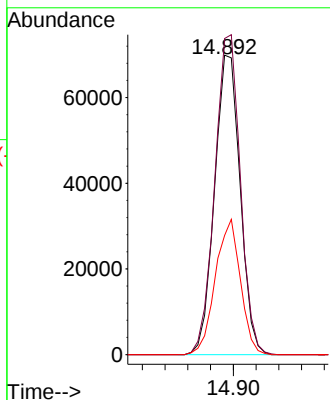
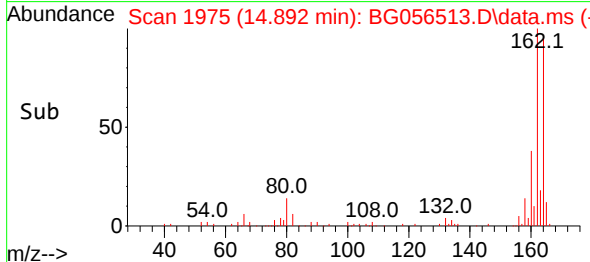
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022



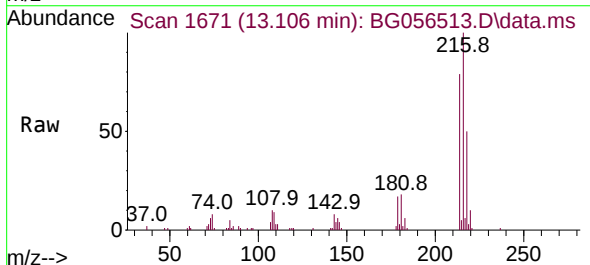
Tgt Ion:164 Resp: 109200
Ion Ratio Lower Upper
164 100
162 105.5 79.6 119.4
160 39.8 34.9 52.3

Manual Integrations
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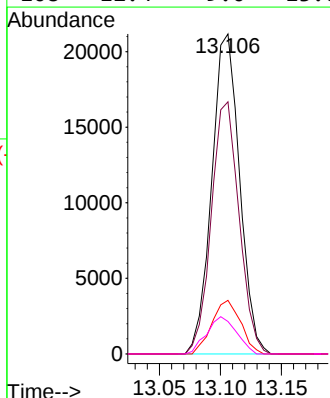
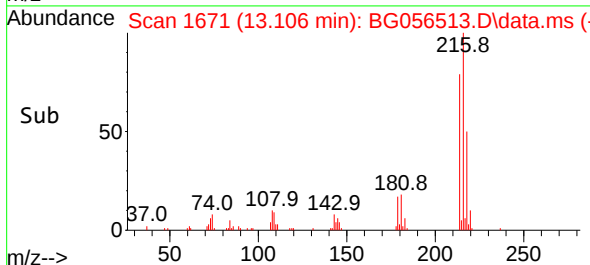
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

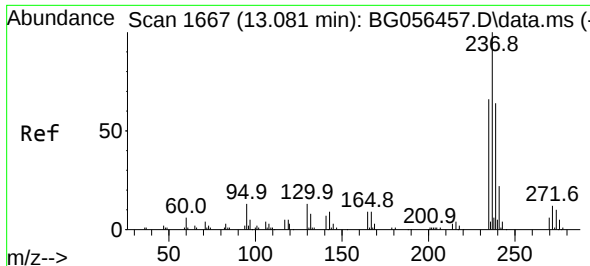


#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.432 ng
RT: 13.106 min Scan# 1671
Delta R.T. 0.001 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01



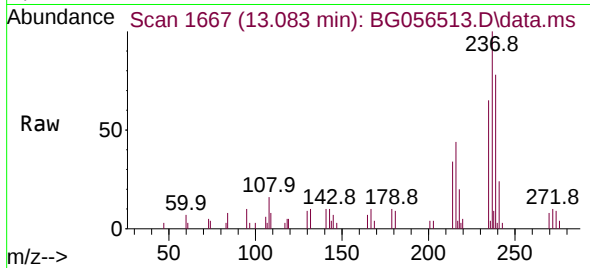
Tgt Ion:216 Resp: 33639
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.6
179 17.3 14.1 21.1
108 12.4 9.0 13.6





#41
Hexachlorocyclopentadiene
Concen: 10.401 ng
RT: 13.083 min Scan# 1667
Delta R.T. 0.001 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

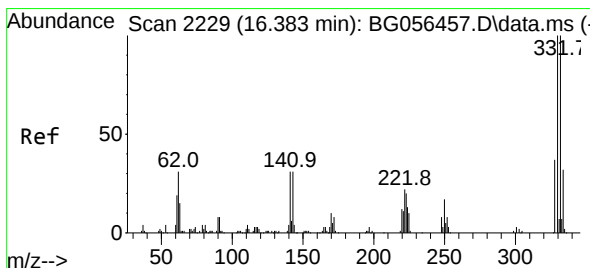
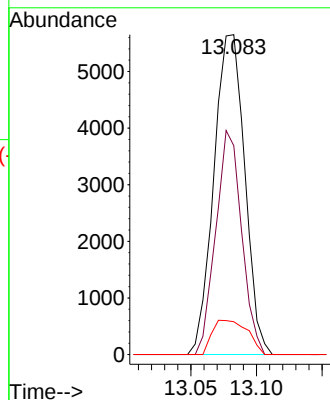
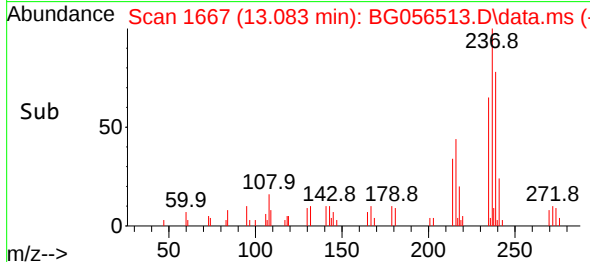
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022



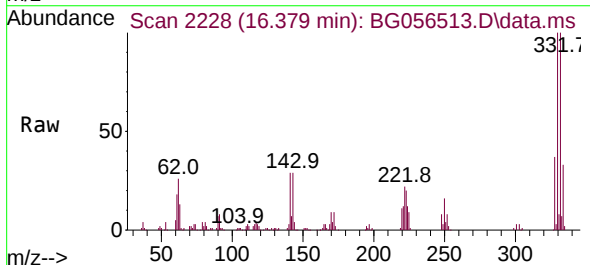
Tgt Ion:237 Resp: 9260
Ion Ratio Lower Upper
237 100
235 65.3 45.6 85.6
272 10.3 0.0 32.3

Manual Integrations
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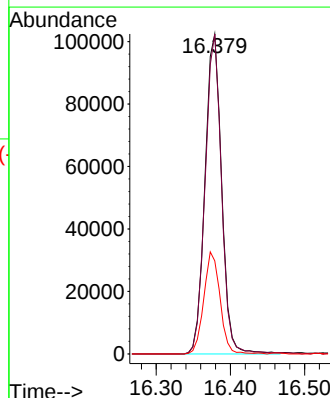
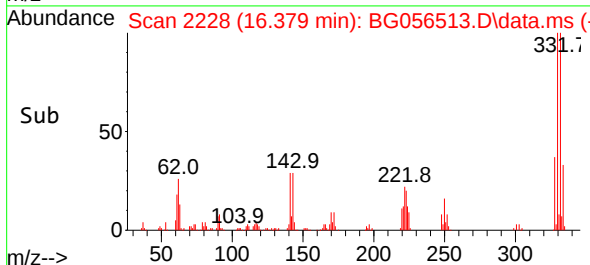
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

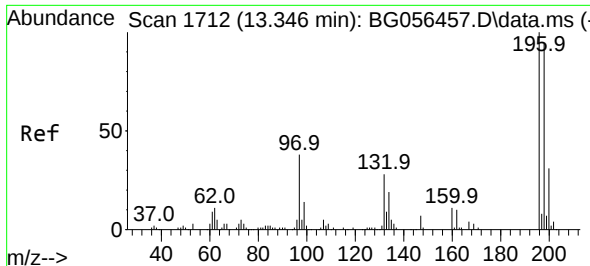


#42
2,4,6-Tribromophenol
Concen: 109.637 ng
RT: 16.379 min Scan# 2228
Delta R.T. 0.001 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01



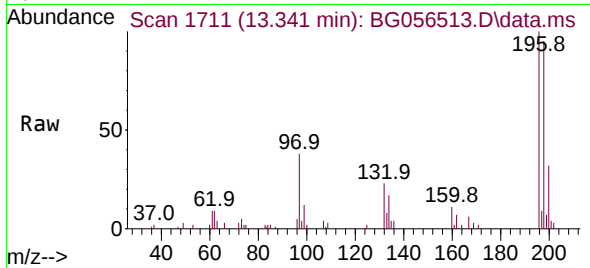
Tgt Ion:330 Resp: 159165
Ion Ratio Lower Upper
330 100
332 98.2 79.0 118.6
141 31.2 24.2 36.4





#43
2,4,6-Trichlorophenol
Concen: 7.453 ng
RT: 13.341 min Scan# 1712
Delta R.T. 0.001 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

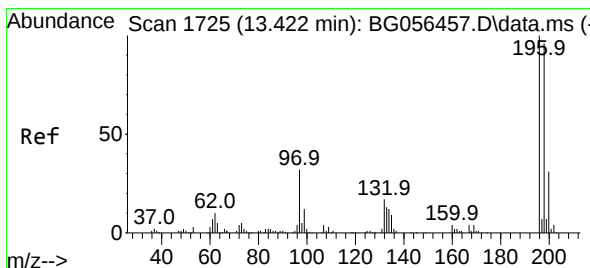
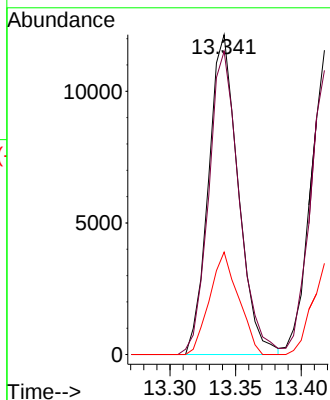
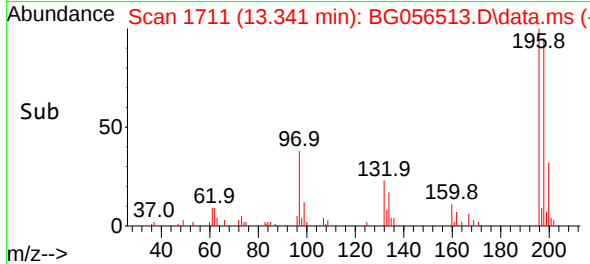
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022



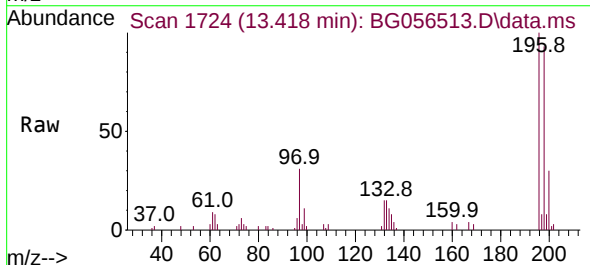
Tgt Ion:196 Resp: 19162
Ion Ratio Lower Upper
196 100
198 94.8 75.4 113.0
200 32.0 25.0 37.6

Manual Integrations
APPROVED

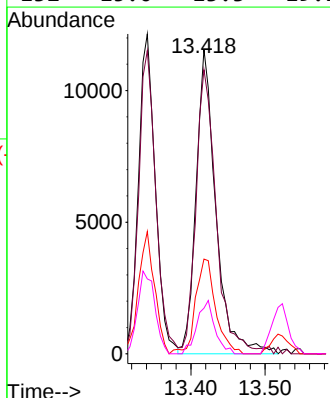
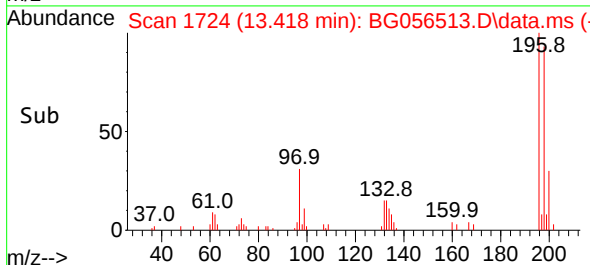
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

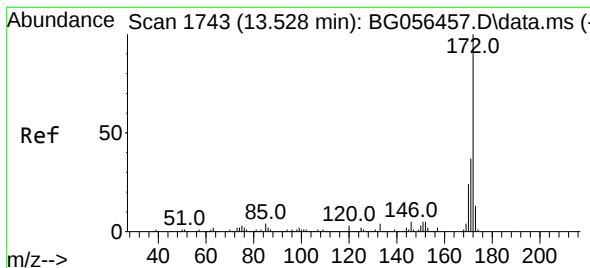


#44
2,4,5-Trichlorophenol
Concen: 7.154 ng
RT: 13.418 min Scan# 1724
Delta R.T. 0.001 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01



Tgt Ion:196 Resp: 21535
Ion Ratio Lower Upper
196 100
198 93.4 76.9 115.3
97 31.2 25.8 38.6
132 15.0 13.3 19.9





#45

2-Fluorobiphenyl

Concen: 83.632 ng

RT: 13.517 min Scan# 1741

Delta R.T. -0.005 min

Lab File: BG056513.D

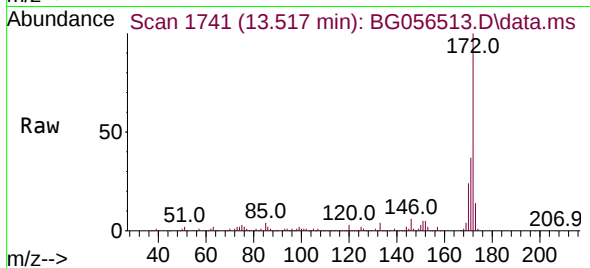
Acq: 2 Feb 2023 14:01

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2022



Tgt Ion:172 Resp: 65871

Ion Ratio Lower Upper

172 100

171 37.5 29.5 44.3

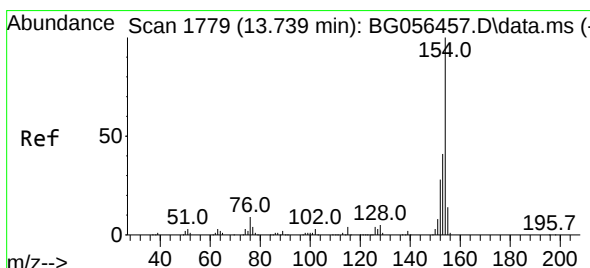
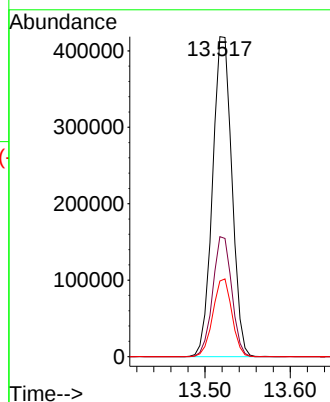
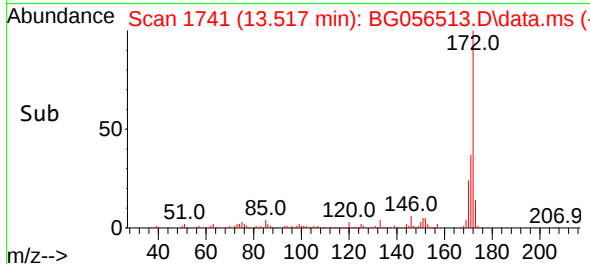
170 23.6 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/03/2023

Supervised By :Jagrut Upadhyay 02/03/2023



#46

1,1'-Biphenyl

Concen: 8.496 ng

RT: 13.729 min Scan# 1777

Delta R.T. -0.005 min

Lab File: BG056513.D

Acq: 2 Feb 2023 14:01

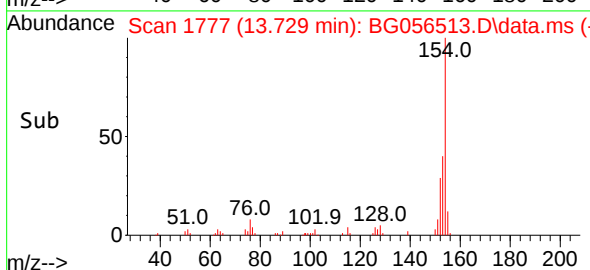
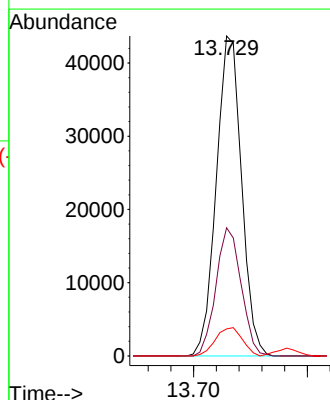
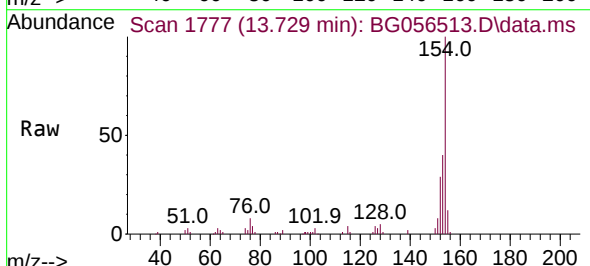
Tgt Ion:154 Resp: 67289

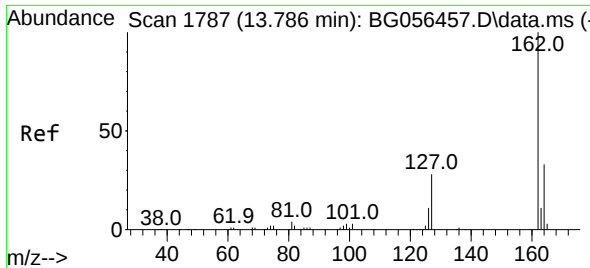
Ion Ratio Lower Upper

154 100

153 40.0 21.5 61.5

76 8.4 0.0 28.8





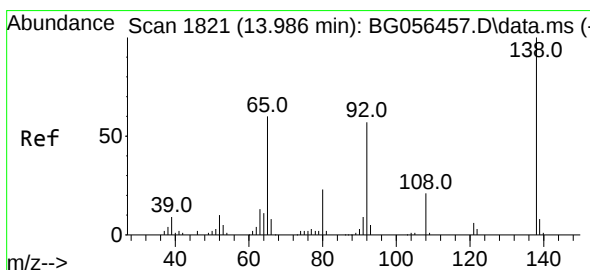
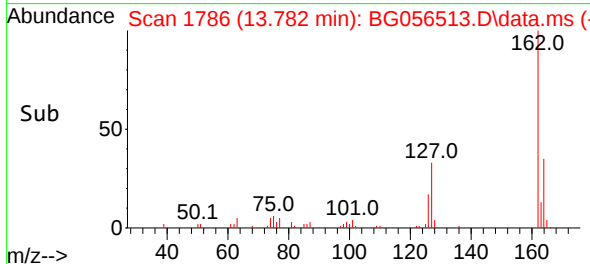
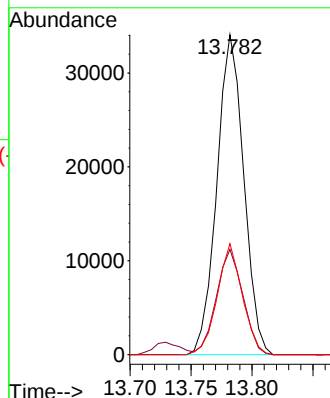
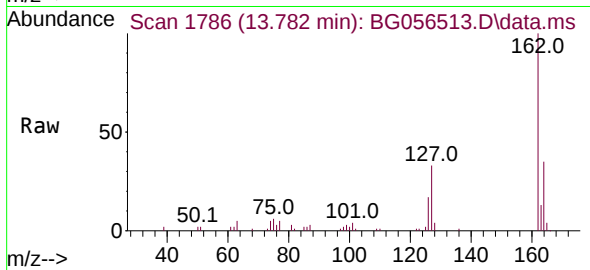
#47
2-Chloronaphthalene
Concen: 8.423 ng
RT: 13.782 min Scan# 1787
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT4-2022

Tgt Ion:162 Resp: 52145
Ion Ratio Lower Upper
162 100
127 32.9 25.2 37.8
164 34.7 26.2 39.2

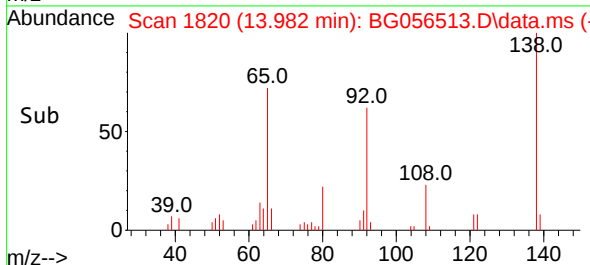
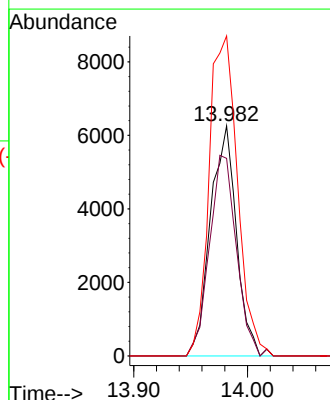
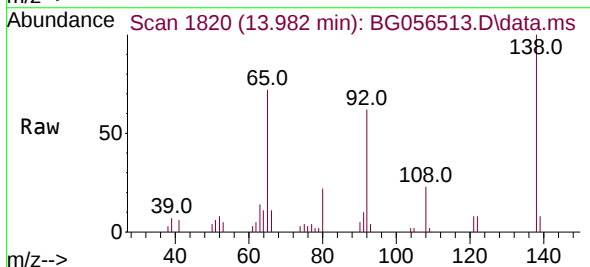
Manual Integrations
APPROVED

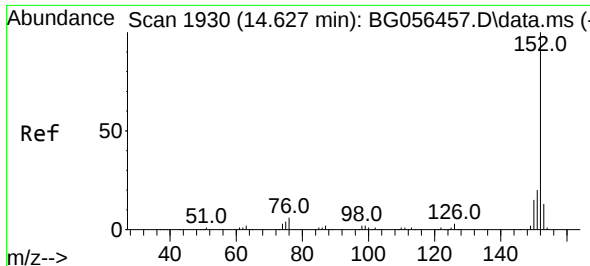
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#48
2-Nitroaniline
Concen: 7.790 ng
RT: 13.982 min Scan# 1820
Delta R.T. 0.001 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

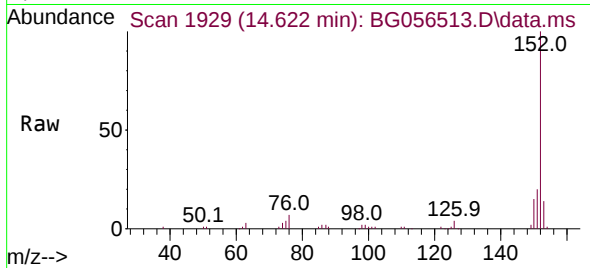
Tgt Ion: 65 Resp: 9970
Ion Ratio Lower Upper
65 100
92 85.8 75.8 113.6
138 139.1 133.2 199.8





#49
Acenaphthylene
Concen: 8.081 ng
RT: 14.622 min Scan# 1930
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

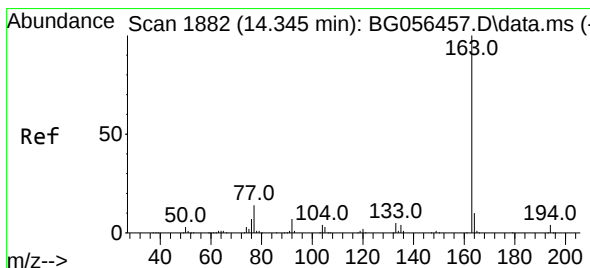
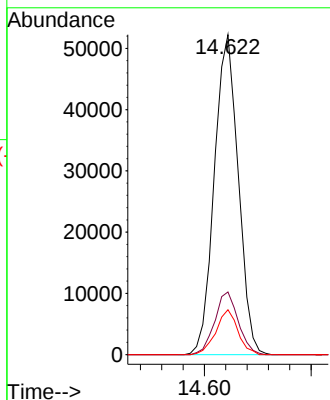
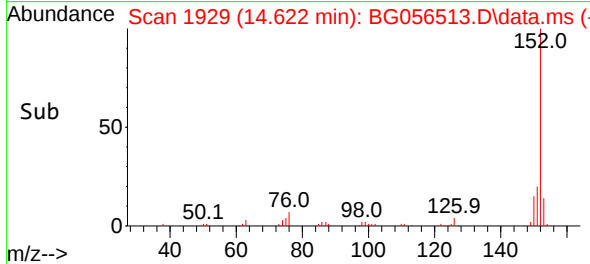
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:152 Resp: 81398
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 14.0 10.5 15.7

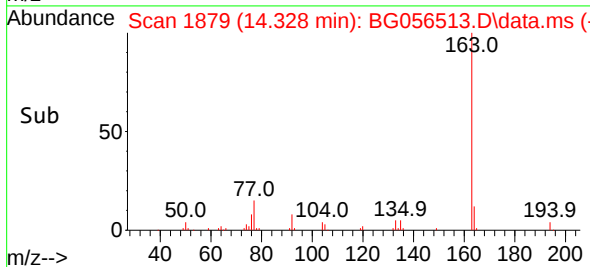
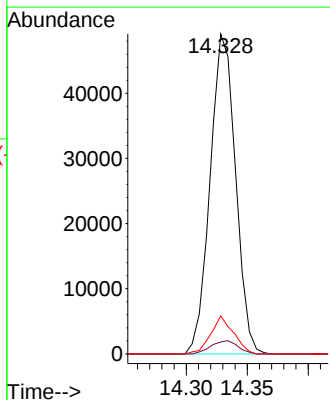
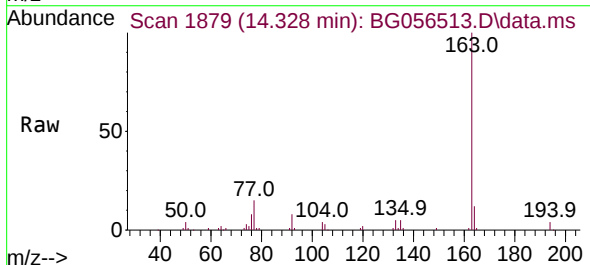
Manual Integrations
APPROVED

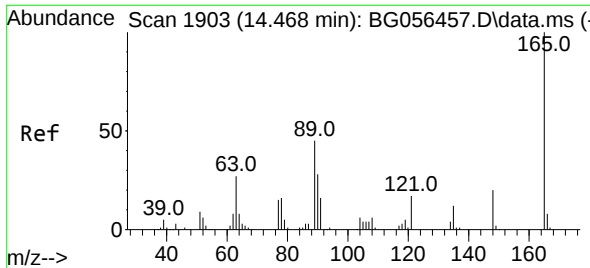
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#50
Dimethylphthalate
Concen: 8.062 ng
RT: 14.328 min Scan# 1879
Delta R.T. -0.011 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

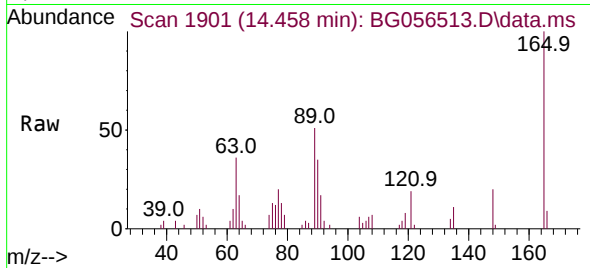
Tgt Ion:163 Resp: 71227
Ion Ratio Lower Upper
163 100
194 3.7 3.5 5.3
164 11.9 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 7.756 ng
RT: 14.458 min Scan# 1903
Delta R.T. -0.011 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

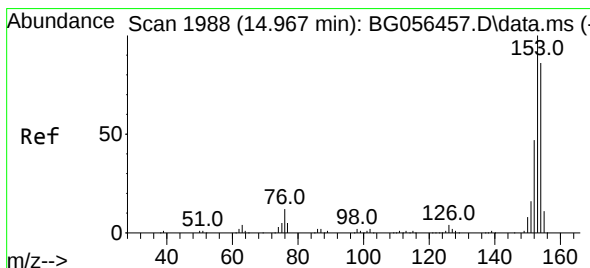
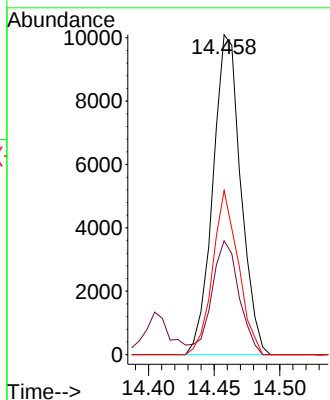
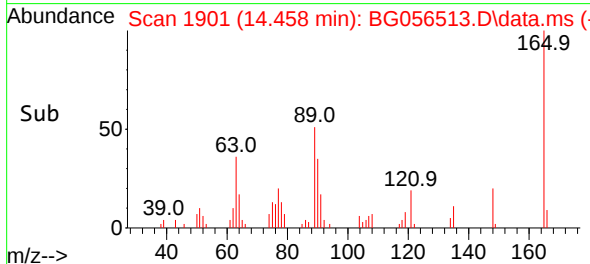
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT4-2022



Tgt Ion:165 Resp: 14942
Ion Ratio Lower Upper
165 100
63 35.6 26.9 40.3
89 51.3 35.6 53.4

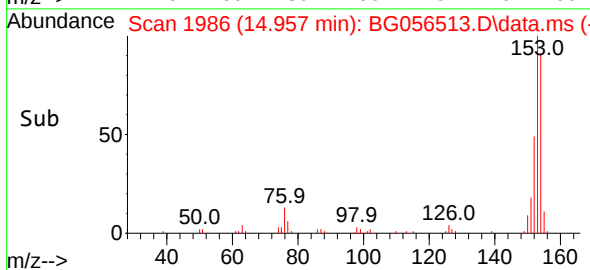
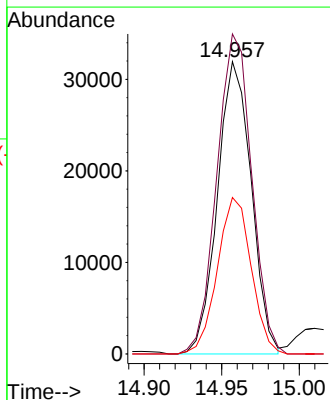
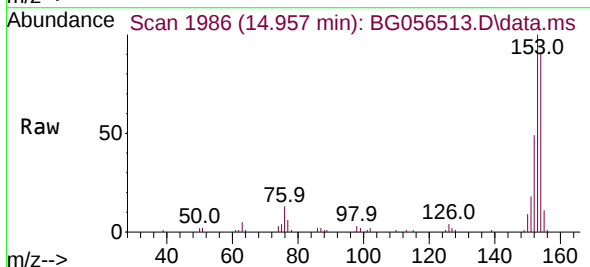
Manual Integrations
APPROVED

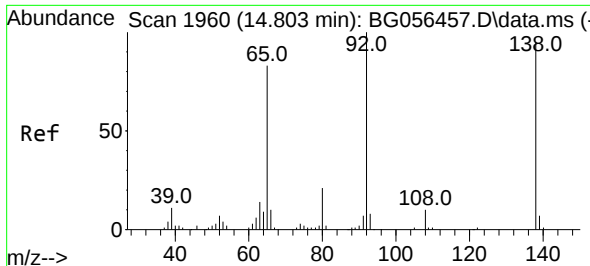
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#52
Acenaphthene
Concen: 8.113 ng
RT: 14.957 min Scan# 1986
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

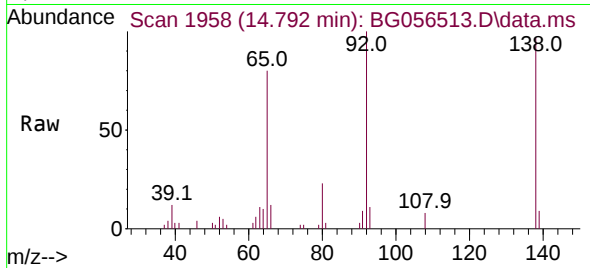
Tgt Ion:154 Resp: 48461
Ion Ratio Lower Upper
154 100
153 109.5 93.4 140.0
152 53.5 43.4 65.2





#53
3-Nitroaniline
Concen: 7.823 ng
RT: 14.792 min Scan# 1958
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

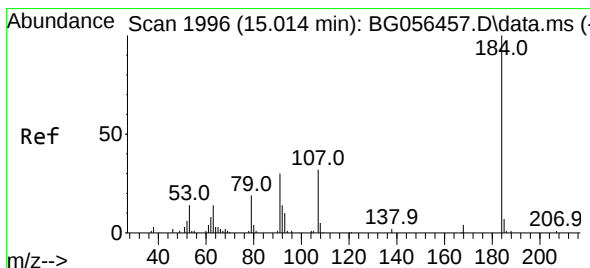
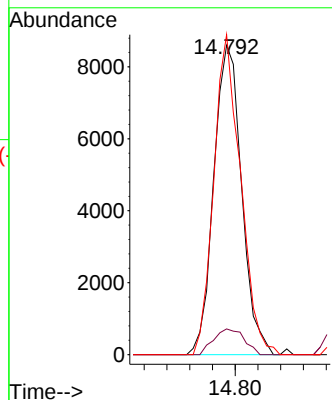
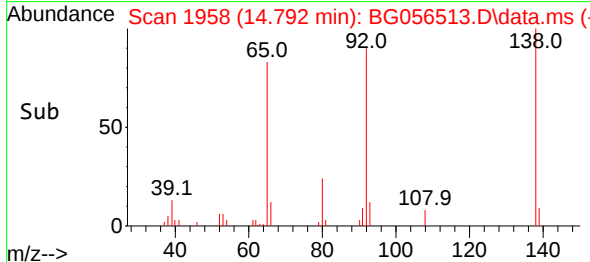
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022



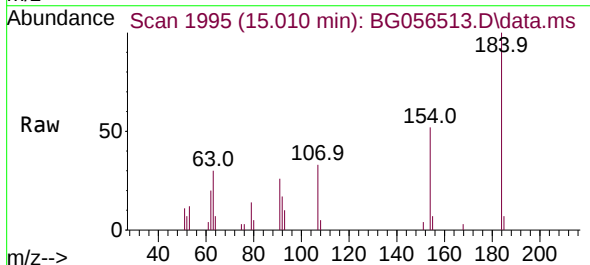
Tgt Ion:138 Resp: 14612
Ion Ratio Lower Upper
138 100
108 8.3 8.0 12.0
92 103.5 84.1 126.1

Manual Integrations
APPROVED

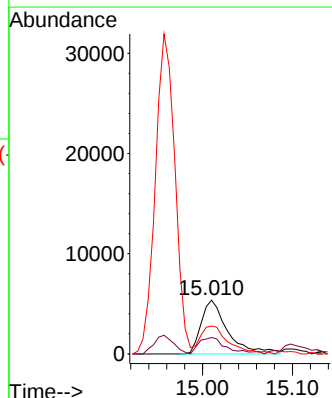
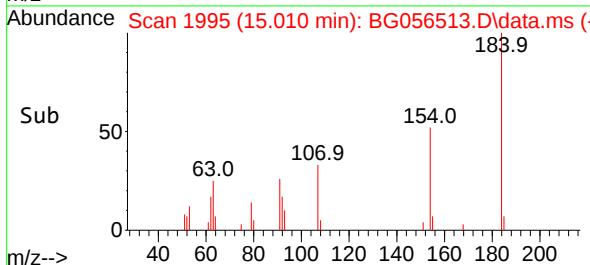
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

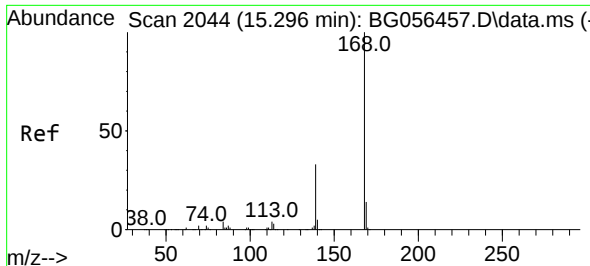


#54
2,4-Dinitrophenol
Concen: 9.100 ng
RT: 15.010 min Scan# 1995
Delta R.T. 0.001 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01



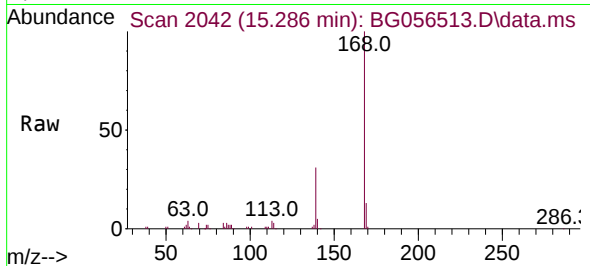
Tgt Ion:184 Resp: 10991
Ion Ratio Lower Upper
184 100
63 30.5 25.1 37.7
154 51.9 44.8 67.2





#55
Dibenzofuran
Concen: 8.252 ng
RT: 15.286 min Scan# 2044
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

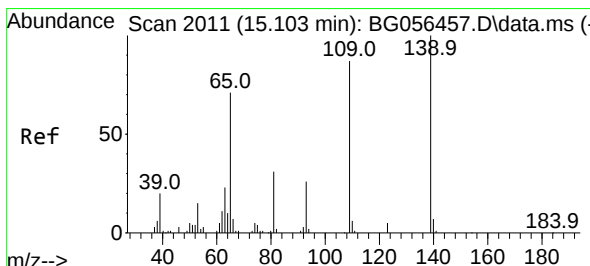
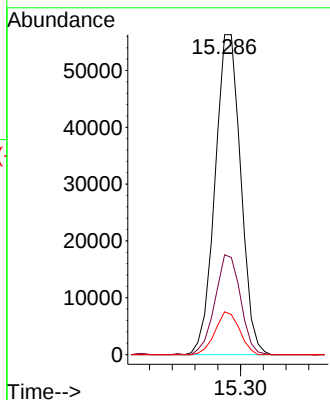
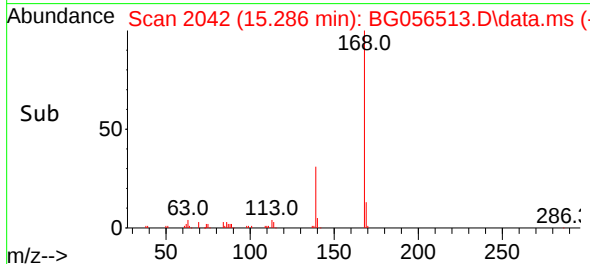
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022



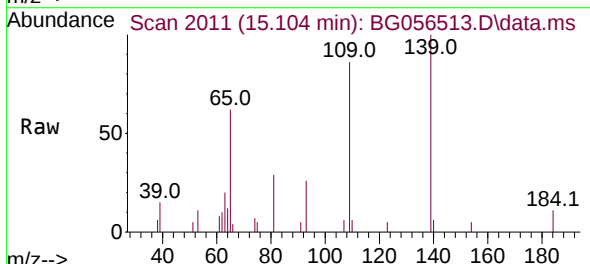
Tgt Ion:168 Resp: 8840
Ion Ratio Lower Upper
168 100
139 31.2 26.2 39.2
169 13.4 11.0 16.6

Manual Integrations
APPROVED

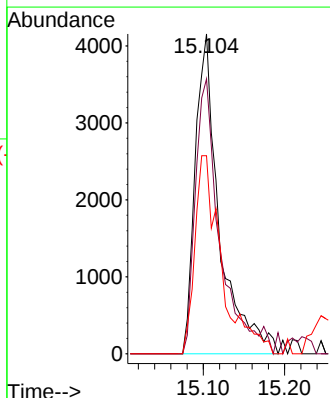
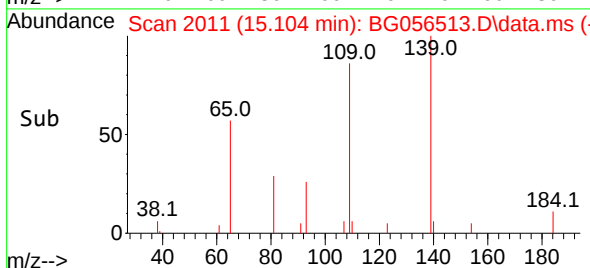
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

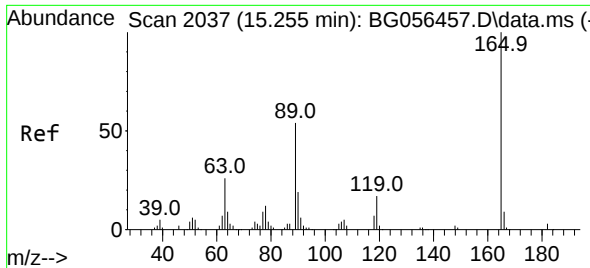


#56
4-Nitrophenol
Concen: 6.757 ng
RT: 15.104 min Scan# 2011
Delta R.T. 0.007 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01



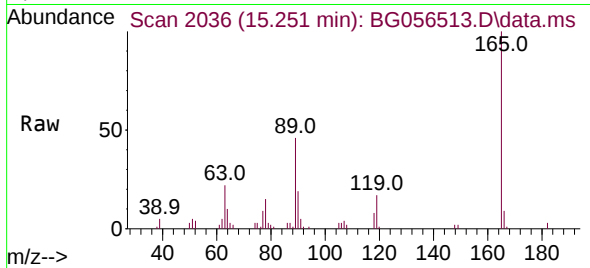
Tgt Ion:139 Resp: 8624
Ion Ratio Lower Upper
139 100
109 85.9 67.5 107.5
65 61.9 50.7 90.7





#57
2,4-Dinitrotoluene
Concen: 8.103 ng
RT: 15.251 min Scan# 2037
Delta R.T. 0.001 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

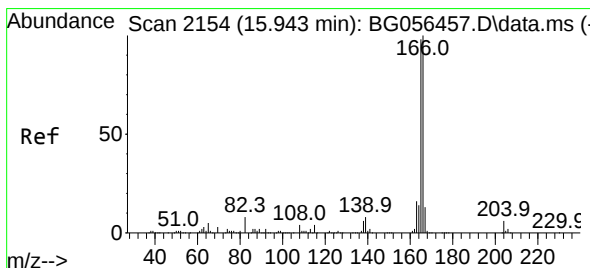
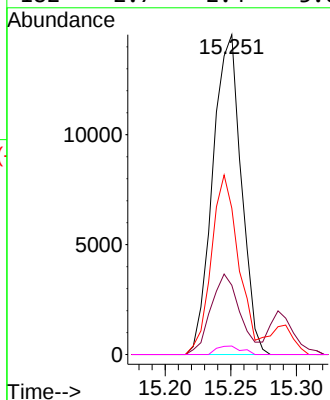
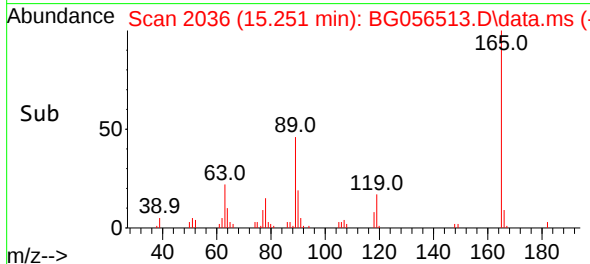
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:165 Resp: 21989
Ion Ratio Lower Upper
165 100
63 21.7 20.6 31.0
89 45.8 43.1 64.7
182 2.7 2.4 3.6

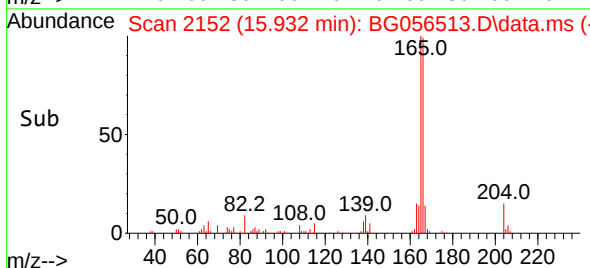
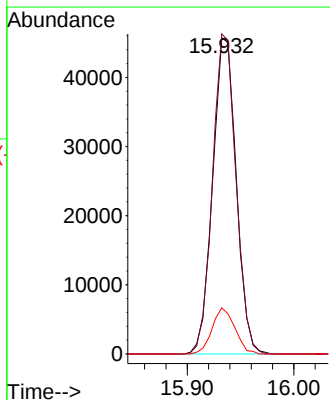
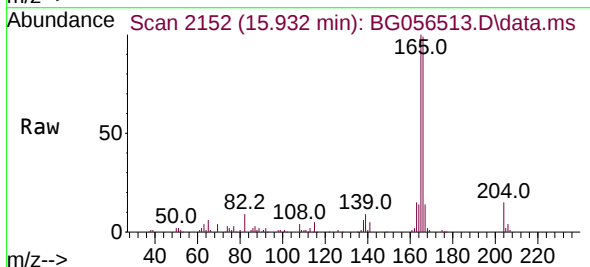
Manual Integrations
APPROVED

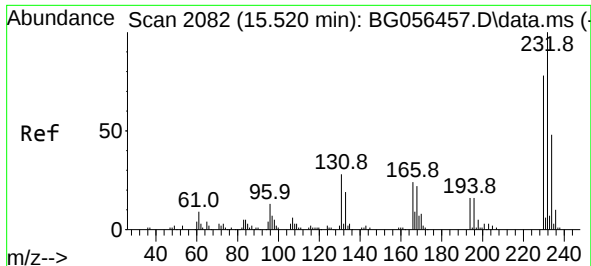
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#58
Fluorene
Concen: 8.247 ng
RT: 15.932 min Scan# 2152
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

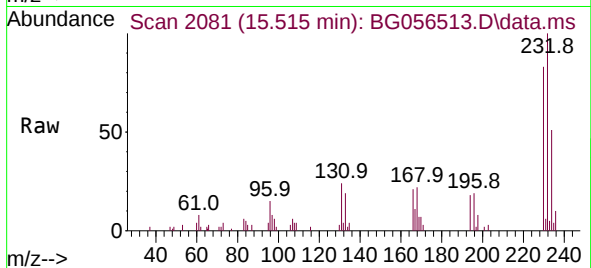
Tgt Ion:166 Resp: 70293
Ion Ratio Lower Upper
166 100
165 101.2 78.8 118.2
167 14.5 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 7.259 ng
RT: 15.515 min Scan# 2081
Delta R.T. 0.001 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

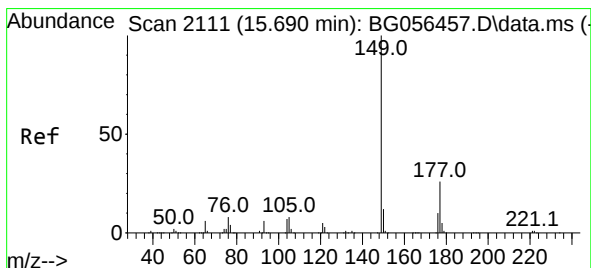
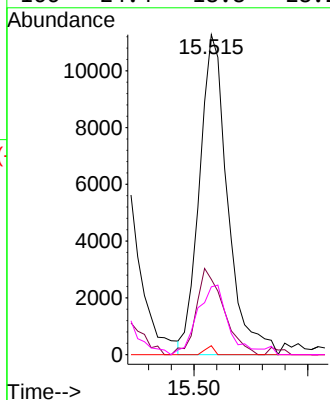
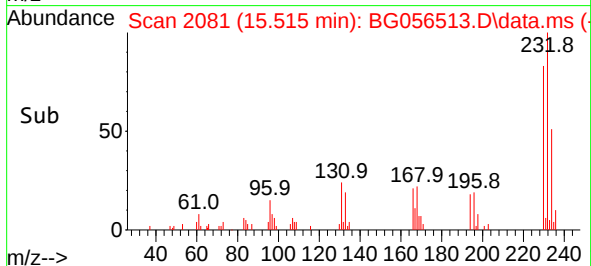
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:232 Resp: 1942
Ion Ratio Lower Upper
232 100
131 26.0 22.8 34.2
130 0.9 1.4 2.0
166 24.4 18.8 28.2

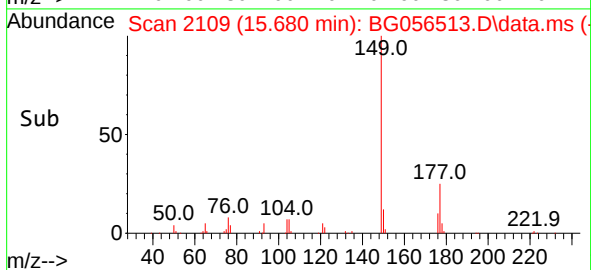
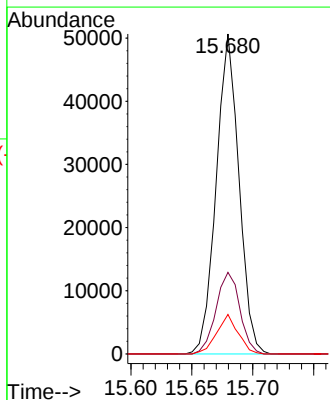
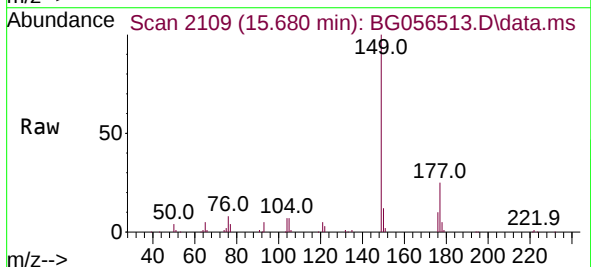
Manual Integrations
APPROVED

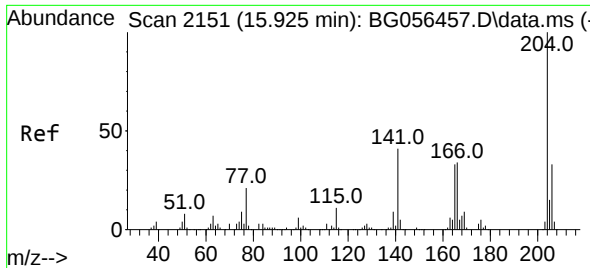
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#60
Diethylphthalate
Concen: 7.908 ng
RT: 15.680 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

Tgt Ion:149 Resp: 65604
Ion Ratio Lower Upper
149 100
177 25.5 21.0 31.4
150 12.3 9.9 14.9





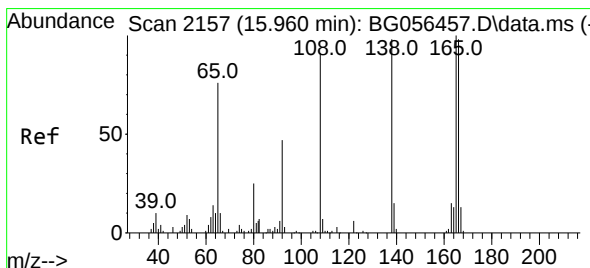
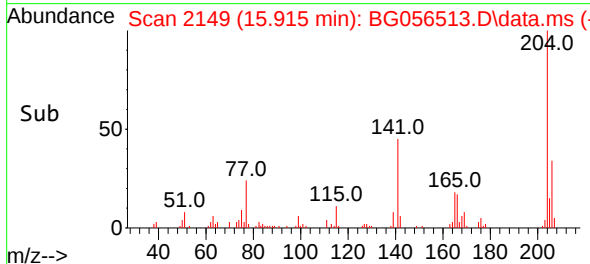
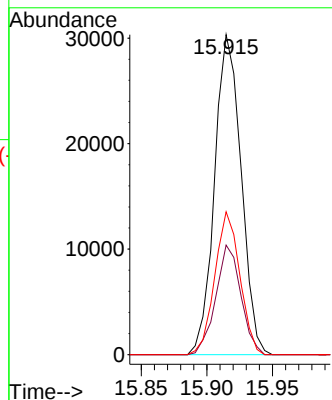
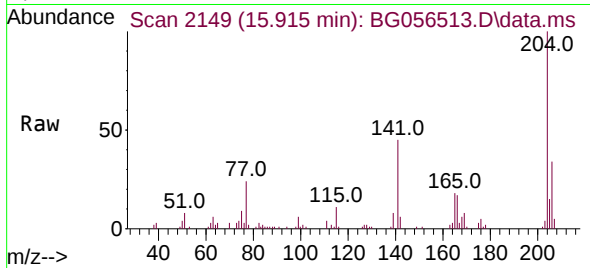
#61
4-Chlorophenyl-phenylether
Concen: 8.210 ng
RT: 15.915 min Scan# 2149
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion:204 Resp: 4270
Ion Ratio Lower Upper
204 100
206 34.2 26.2 39.4
141 44.6 32.7 49.1

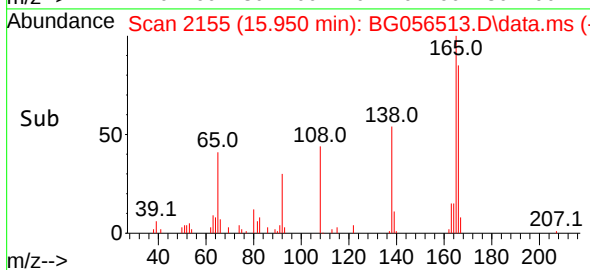
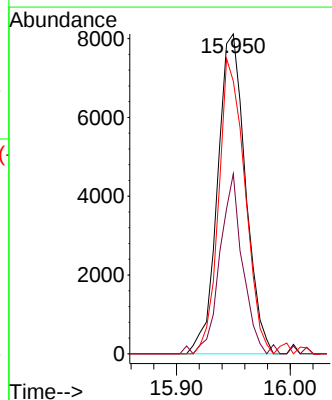
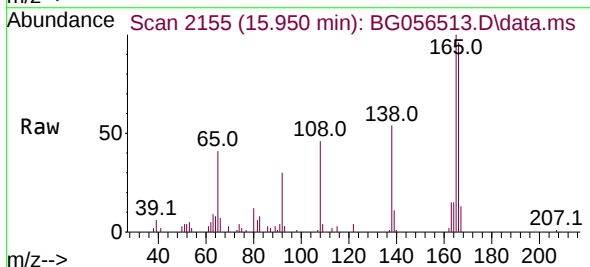
Manual Integrations
APPROVED

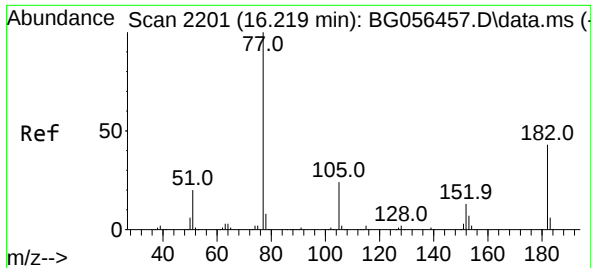
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#62
4-Nitroaniline
Concen: 7.393 ng
RT: 15.950 min Scan# 2155
Delta R.T. -0.011 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

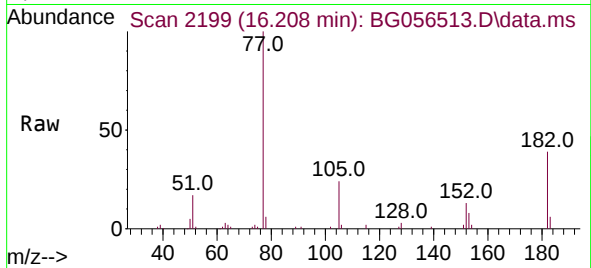
Tgt Ion:138 Resp: 13817
Ion Ratio Lower Upper
138 100
92 56.3 27.8 67.8
108 85.2 72.6 112.6





#63
Azobenzene
Concen: 8.171 ng
RT: 16.208 min Scan# 2199
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

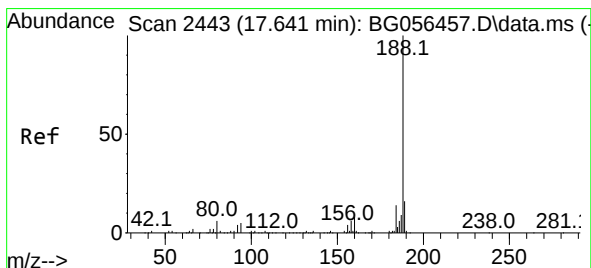
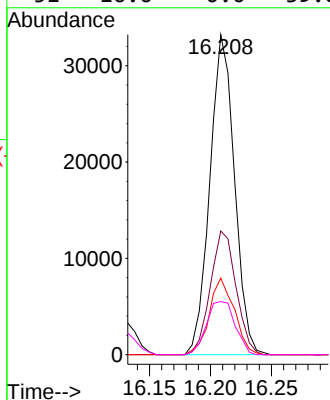
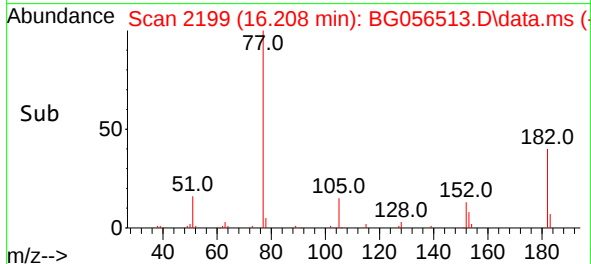
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT4-2022



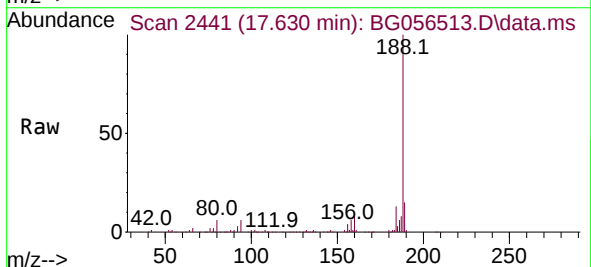
Tgt Ion: 77 Resp: 46642
Ion Ratio Lower Upper
77 100
182 38.6 23.1 63.1
105 23.9 4.2 44.2
51 16.6 0.0 39.8

Manual Integrations
APPROVED

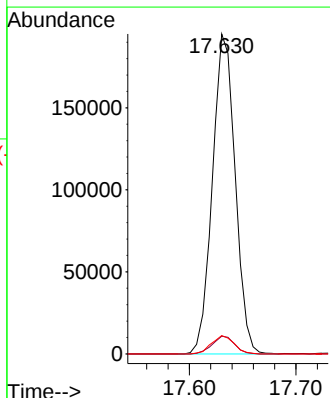
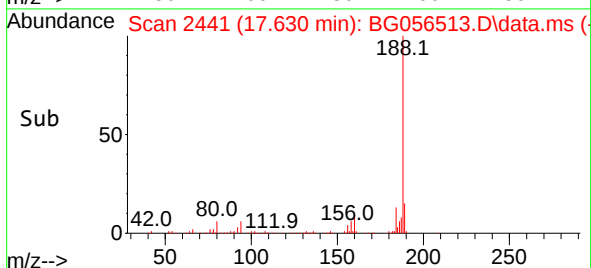
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

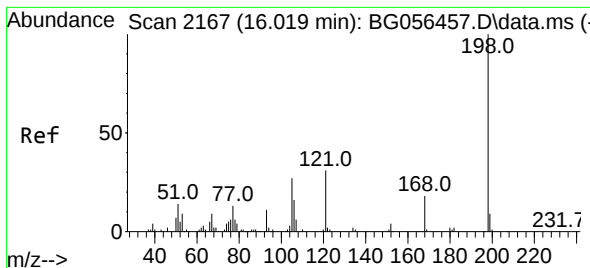


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.630 min Scan# 2441
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01



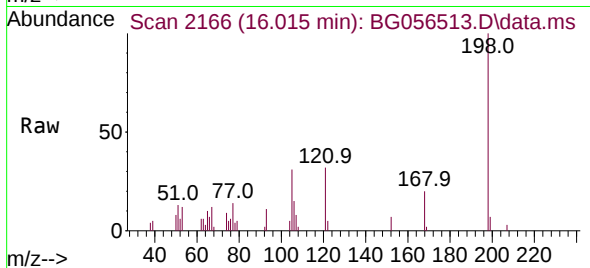
Tgt Ion:188 Resp: 289271
Ion Ratio Lower Upper
188 100
94 5.5 4.1 6.1
80 5.7 5.0 7.4





#65
4,6-Dinitro-2-methylphenol
Concen: 5.886 ng
RT: 16.015 min Scan# 2167
Delta R.T. 0.001 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

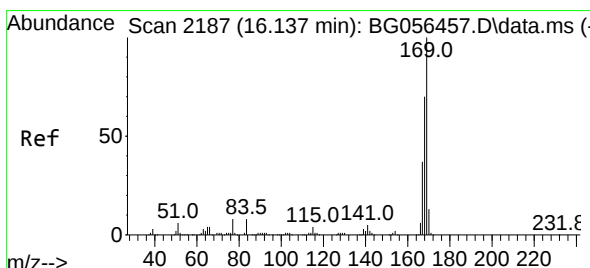
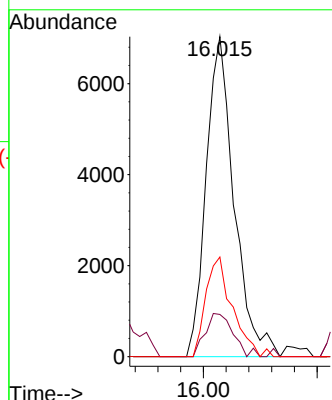
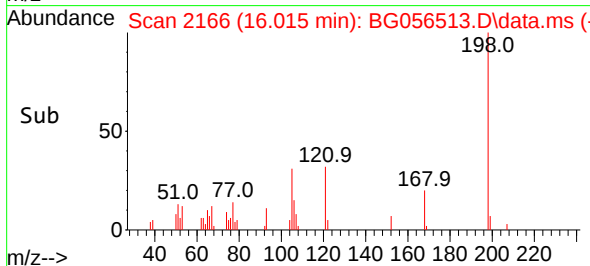
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:198 Resp: 1197
Ion Ratio Lower Upper
198 100
51 13.2 0.0 35.0
105 31.1 7.4 47.4

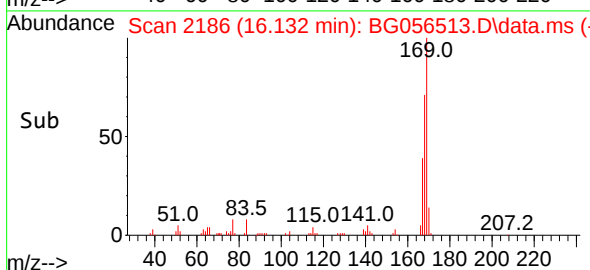
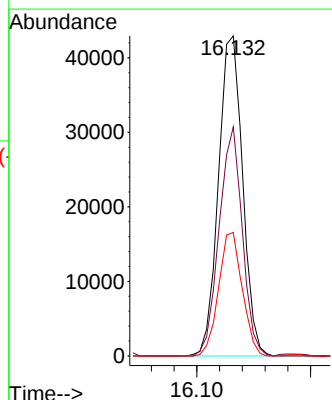
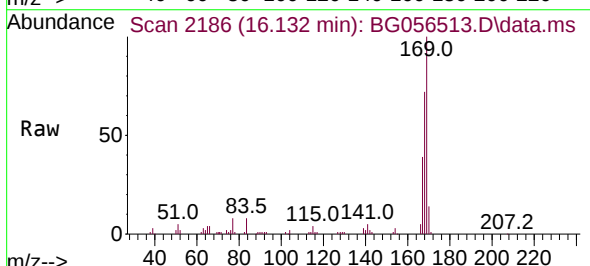
Manual Integrations
APPROVED

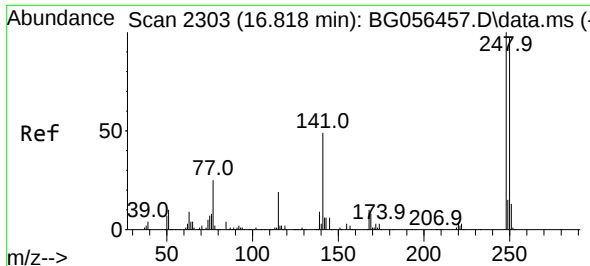
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#66
n-Nitrosodiphenylamine
Concen: 7.726 ng
RT: 16.132 min Scan# 2186
Delta R.T. 0.001 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

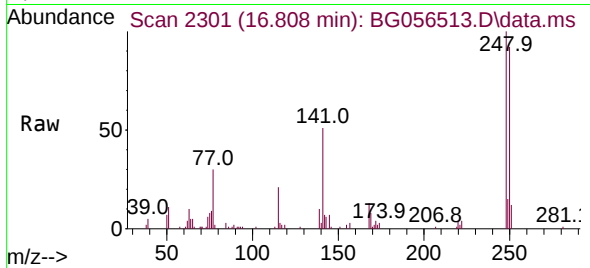
Tgt Ion:169 Resp: 63273
Ion Ratio Lower Upper
169 100
168 71.6 55.8 83.6
167 38.6 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 7.905 ng
RT: 16.808 min Scan# 2301
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

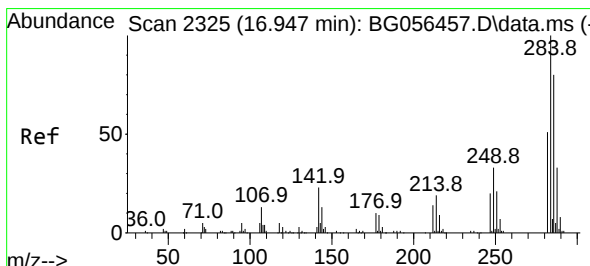
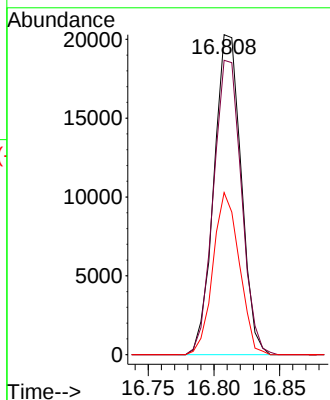
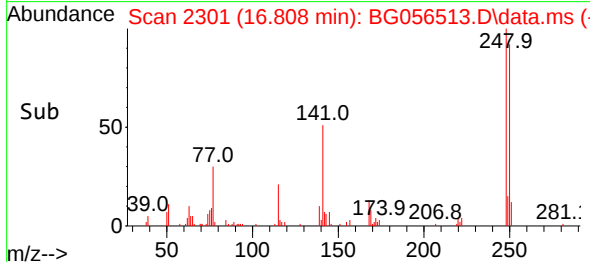
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022



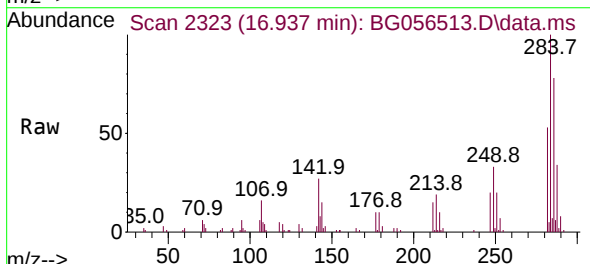
Tgt Ion:248 Resp: 29272
Ion Ratio Lower Upper
248 100
250 92.0 77.6 116.4
141 50.6 39.0 58.4

Manual Integrations
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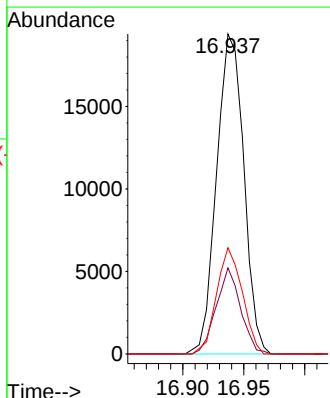
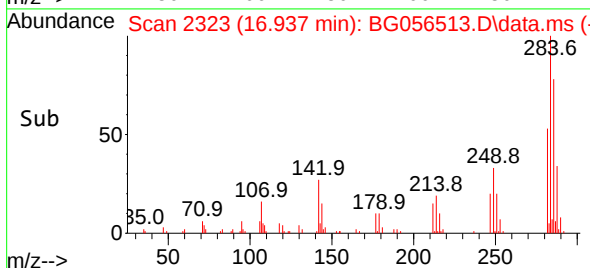
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

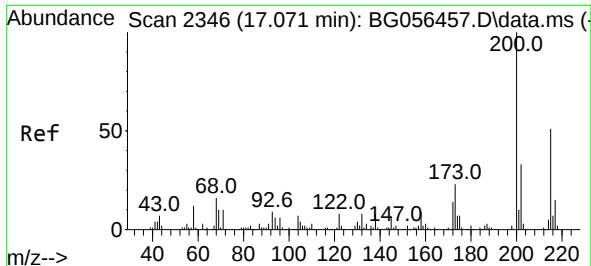


#68
Hexachlorobenzene
Concen: 8.293 ng
RT: 16.937 min Scan# 2323
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01



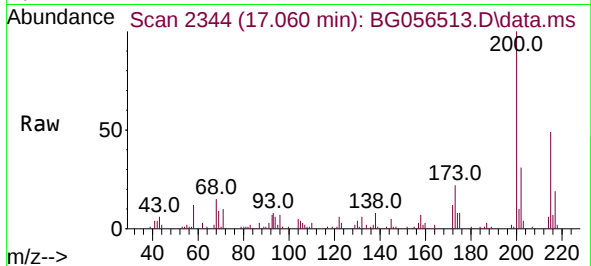
Tgt Ion:284 Resp: 30078
Ion Ratio Lower Upper
284 100
142 26.9 18.0 27.0
249 34.9 26.7 40.1





#69
Atrazine
Concen: 8.852 ng
RT: 17.060 min Scan# 2344
Delta R.T. -0.011 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

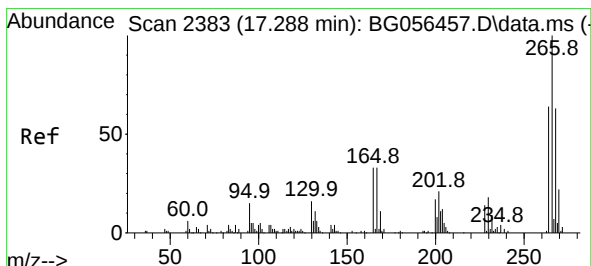
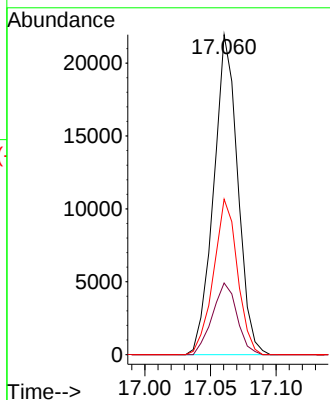
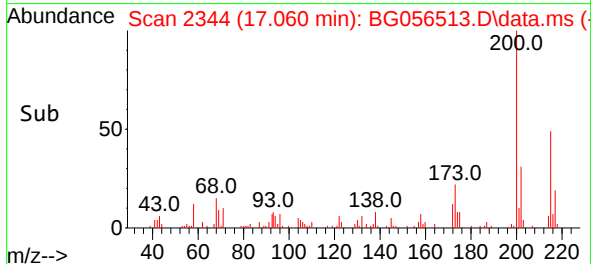
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022



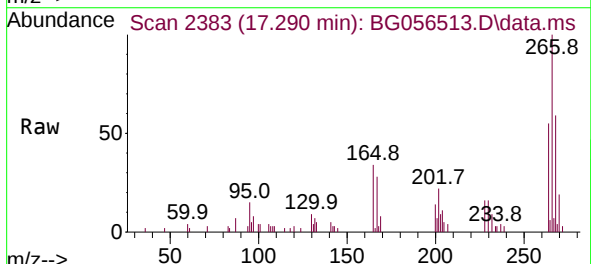
Tgt Ion:200 Resp: 27970
Ion Ratio Lower Upper
200 100
173 22.4 3.2 43.2
215 48.6 30.7 70.7

Manual Integrations
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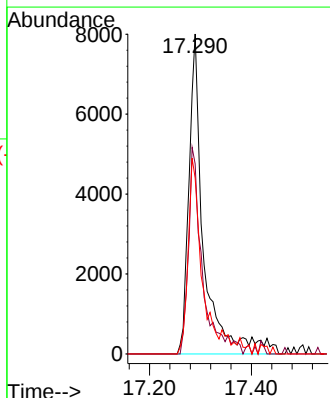
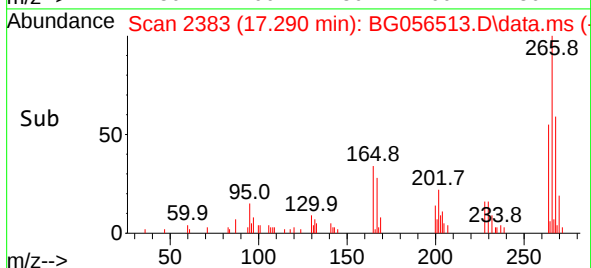
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

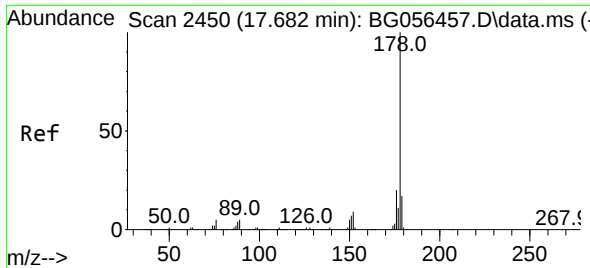


#70
Pentachlorophenol
Concen: 7.375 ng m
RT: 17.290 min Scan# 2383
Delta R.T. 0.007 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01



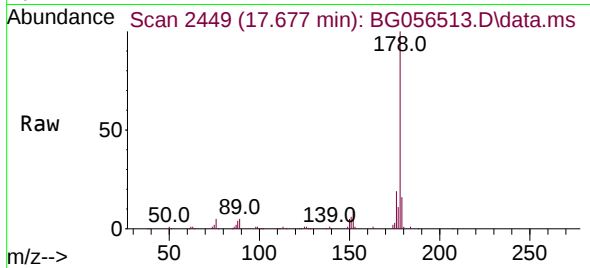
Tgt Ion:266 Resp: 16185
Ion Ratio Lower Upper
266 100
268 59.4 50.2 75.4
264 54.9 51.4 77.0





#71
Phenanthrene
Concen: 8.009 ng
RT: 17.677 min Scan# 2449
Delta R.T. 0.001 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

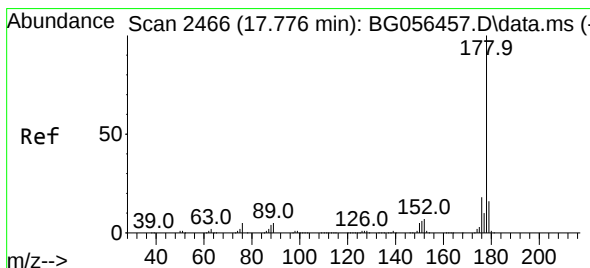
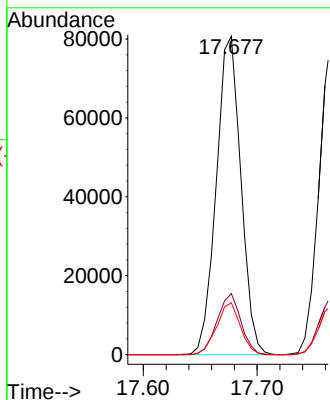
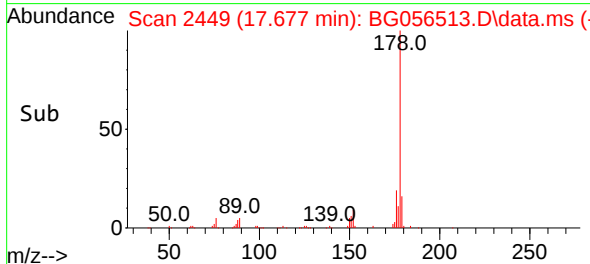
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022



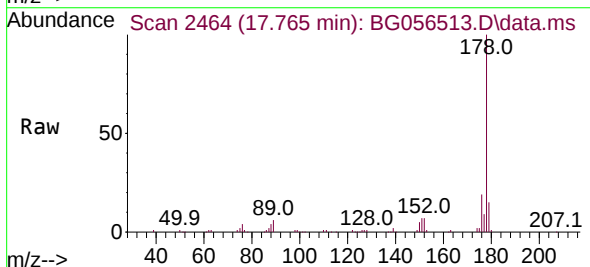
Tgt Ion:178 Resp: 121258
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 16.2 13.3 19.9

Manual Integrations
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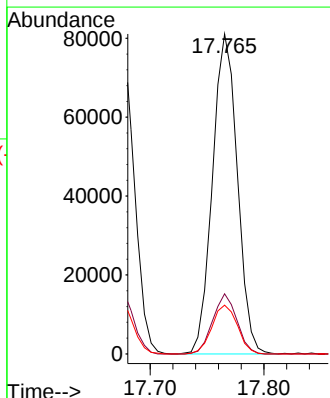
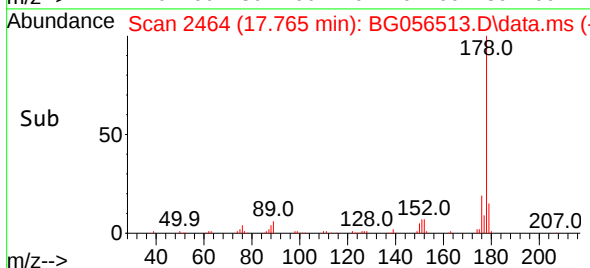
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

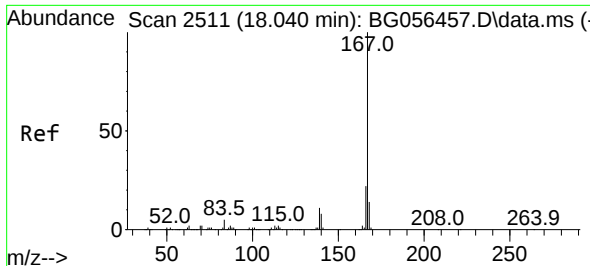


#72
Anthracene
Concen: 7.934 ng
RT: 17.765 min Scan# 2464
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01



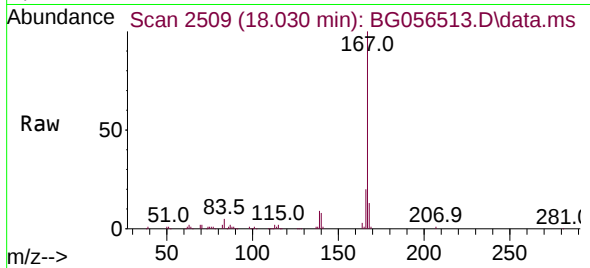
Tgt Ion:178 Resp: 123310
Ion Ratio Lower Upper
178 100
176 18.8 14.5 21.7
179 15.2 12.5 18.7





#73
Carbazole
Concen: 7.968 ng
RT: 18.030 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

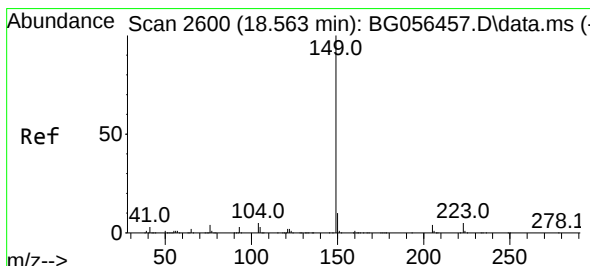
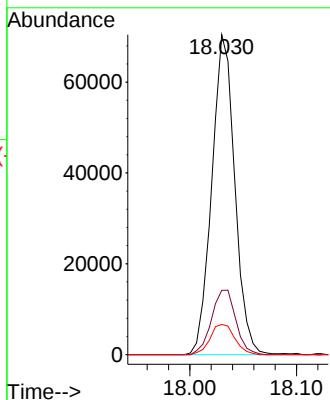
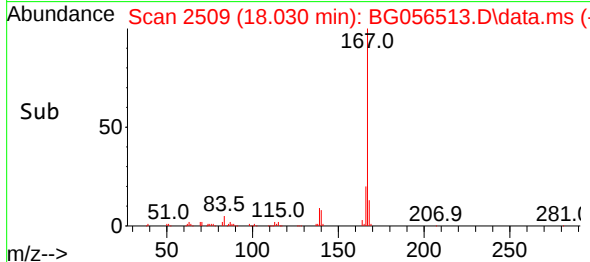
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT4-2022



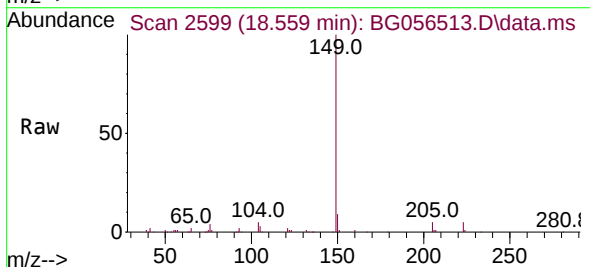
Tgt Ion:167 Resp: 105470
Ion Ratio Lower Upper
167 100
166 20.1 17.8 26.6
139 9.4 8.9 13.3

Manual Integrations
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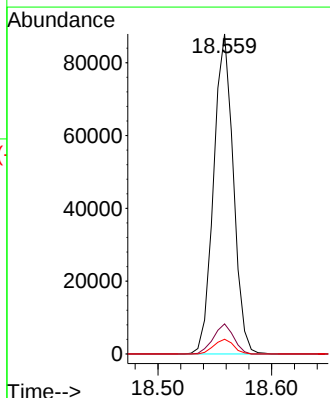
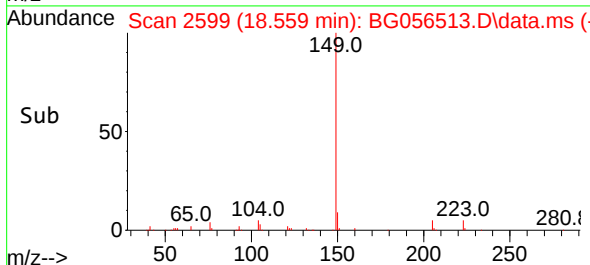
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

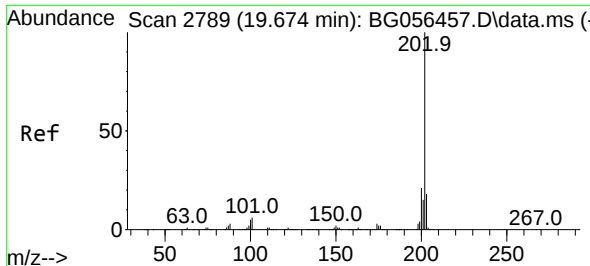


#74
Di-n-butylphthalate
Concen: 7.601 ng
RT: 18.559 min Scan# 2599
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01



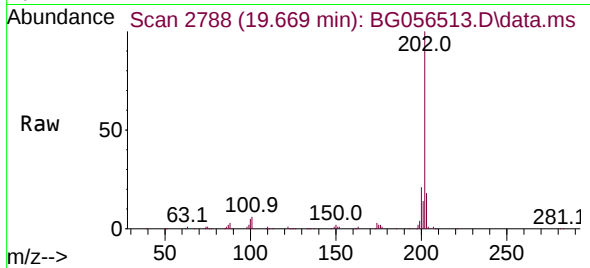
Tgt Ion:149 Resp: 105642
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 4.6 4.0 6.0





#75
Fluoranthene
Concen: 8.196 ng
RT: 19.669 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

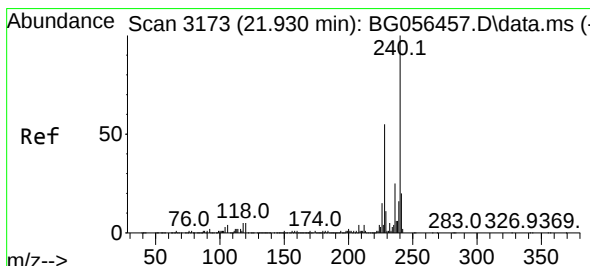
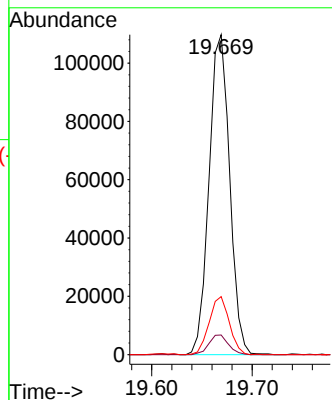
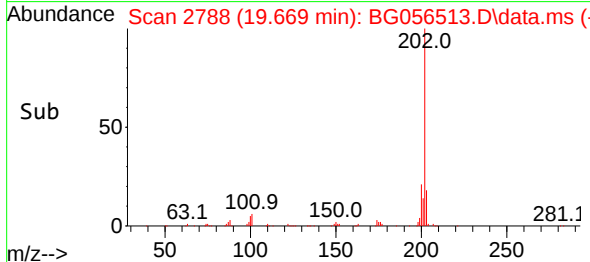
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022



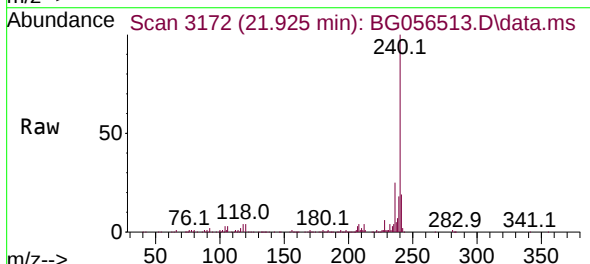
Tgt Ion:202 Resp: 15662
Ion Ratio Lower Upper
202 100
101 6.1 0.0 25.6
203 18.1 0.0 38.1

Manual Integrations
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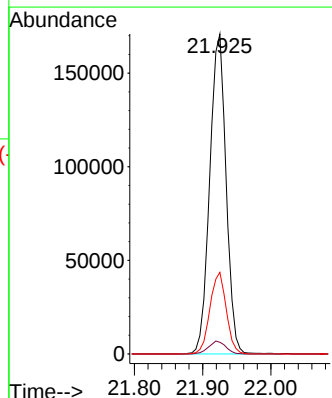
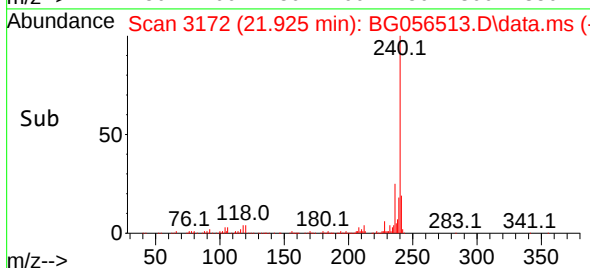
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

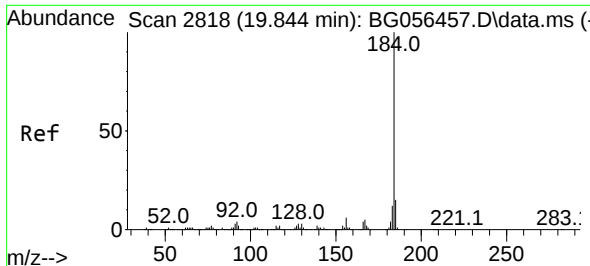


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.925 min Scan# 3172
Delta R.T. 0.001 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01



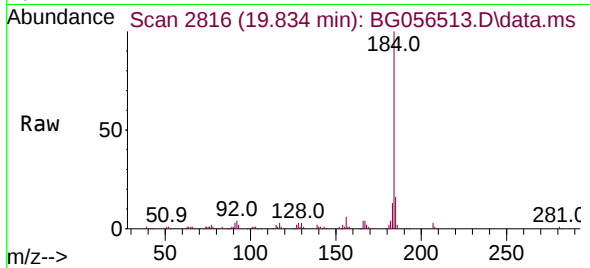
Tgt Ion:240 Resp: 284145
Ion Ratio Lower Upper
240 100
120 3.6 3.8 5.8#
236 25.5 20.2 30.2





#77
Benzidine
Concen: 10.490 ng
RT: 19.834 min Scan# 2816
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

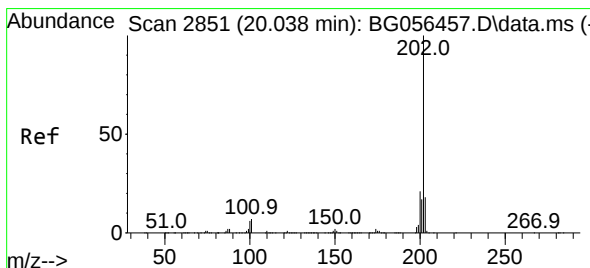
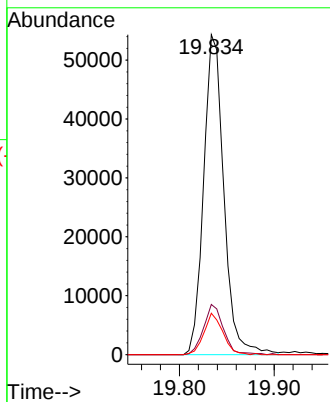
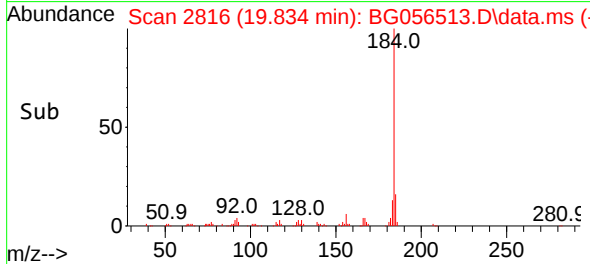
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT4-2022



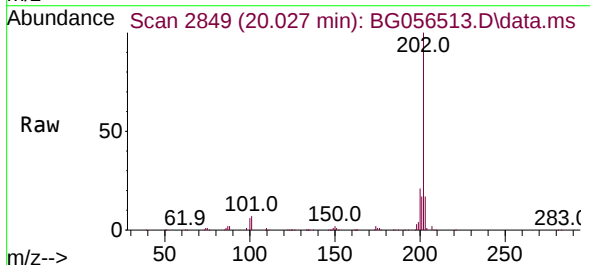
Tgt Ion:184 Resp: 80658
Ion Ratio Lower Upper
184 100
185 15.7 12.3 18.5
183 12.9 9.8 14.8

Manual Integrations
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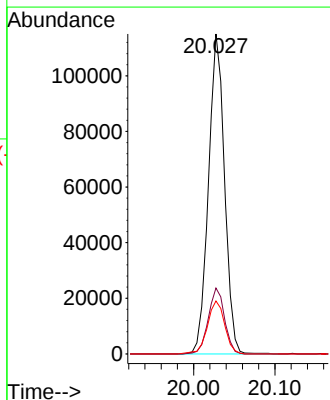
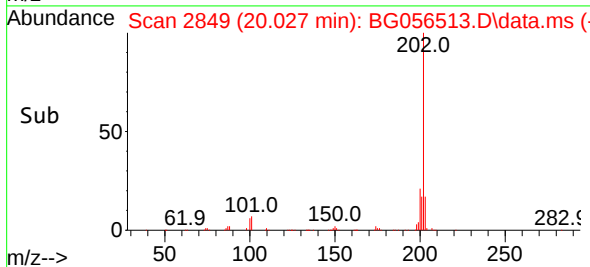
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

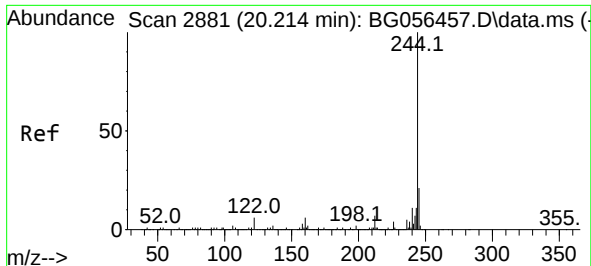


#78
Pyrene
Concen: 7.827 ng
RT: 20.027 min Scan# 2849
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01



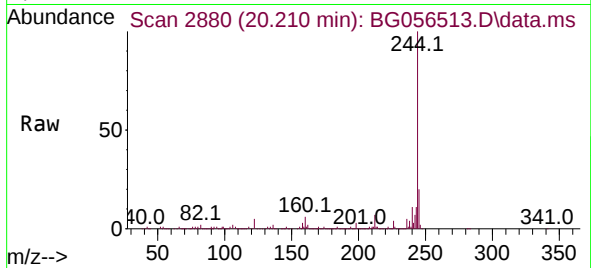
Tgt Ion:202 Resp: 158170
Ion Ratio Lower Upper
202 100
200 20.6 16.7 25.1
203 16.6 14.4 21.6





#79
 Terphenyl-d14
 Concen: 78.623 ng
 RT: 20.210 min Scan# 2881
 Delta R.T. 0.001 min
 Lab File: BG056513.D
 Acq: 2 Feb 2023 14:01

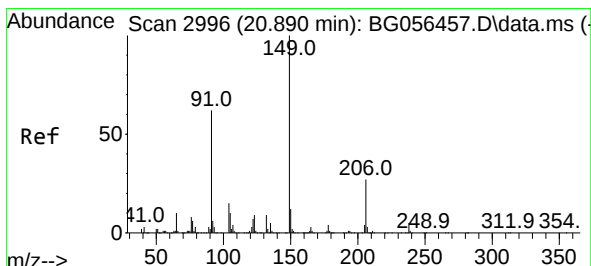
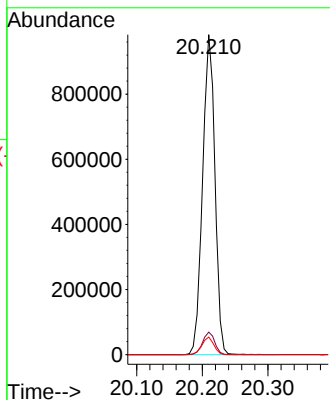
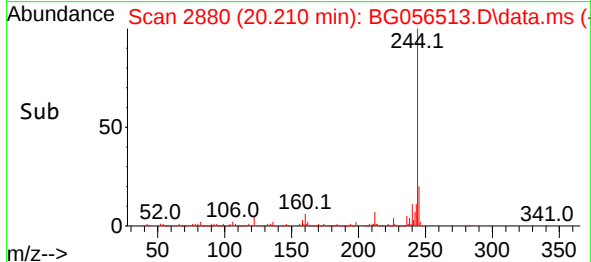
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2022



Tgt Ion:244 Resp: 1271966
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 5.5 4.4 6.6

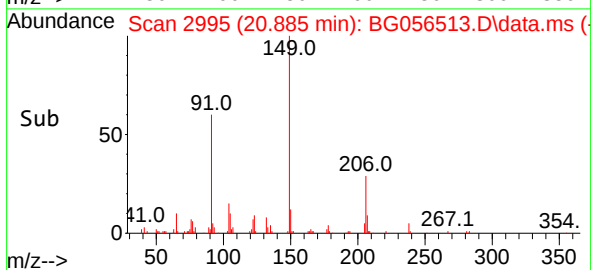
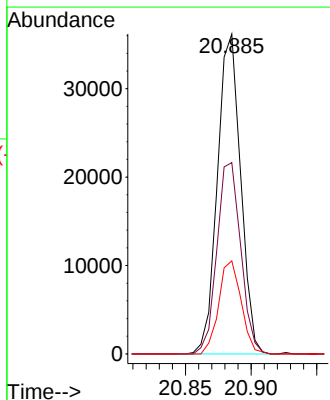
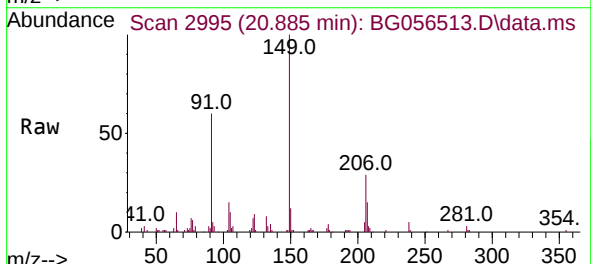
Manual Integrations
 APPROVED

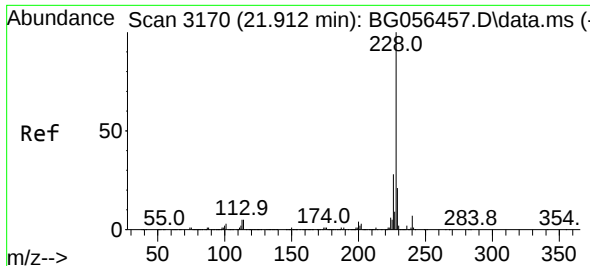
Reviewed By :Christian Giraldo 02/03/2023
 Supervised By :Jagrut Upadhyay 02/03/2023



#80
 Butylbenzylphthalate
 Concen: 7.224 ng
 RT: 20.885 min Scan# 2995
 Delta R.T. 0.001 min
 Lab File: BG056513.D
 Acq: 2 Feb 2023 14:01

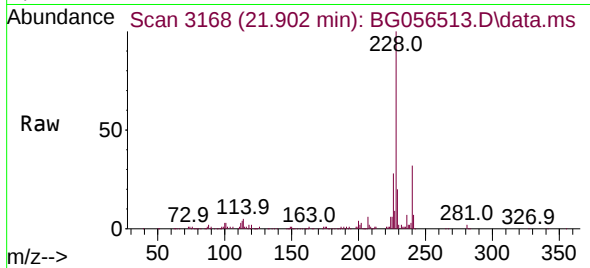
Tgt Ion:149 Resp: 44587
 Ion Ratio Lower Upper
 149 100
 91 59.8 49.4 74.0
 206 29.1 22.0 33.0





#81
Benzo(a)anthracene
Concen: 7.902 ng
RT: 21.902 min Scan# 3170
Delta R.T. 0.001 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

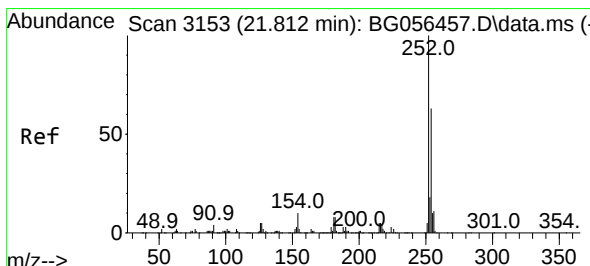
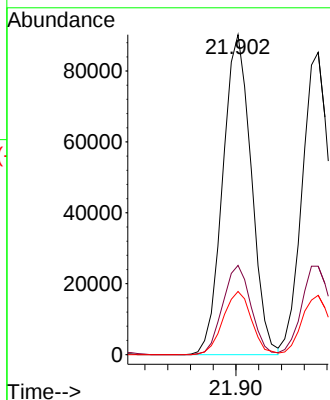
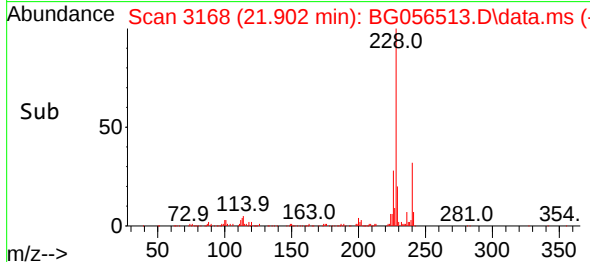
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:228 Resp: 156978
Ion Ratio Lower Upper
228 100
226 27.9 22.4 33.6
229 19.7 16.5 24.7

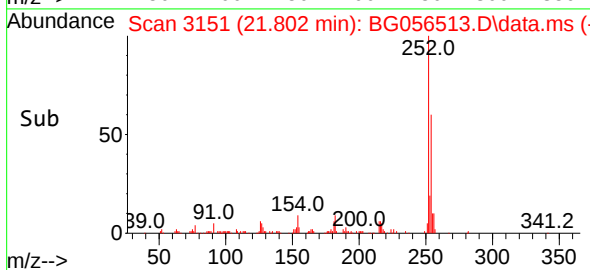
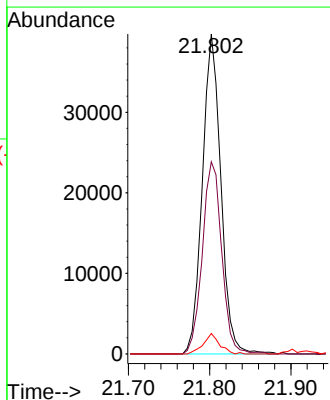
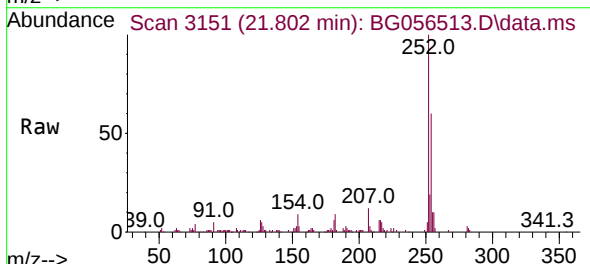
Manual Integrations
APPROVED

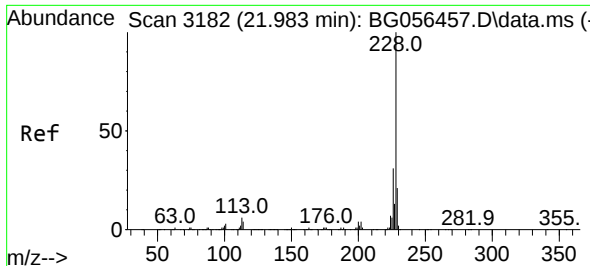
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#82
3,3'-Dichlorobenzidine
Concen: 8.792 ng
RT: 21.802 min Scan# 3151
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

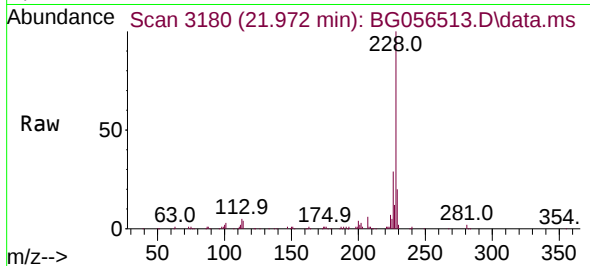
Tgt Ion:252 Resp: 62893
Ion Ratio Lower Upper
252 100
254 60.0 50.0 75.0
126 6.4 4.3 6.5





#83
Chrysene
Concen: 7.855 ng
RT: 21.972 min Scan# 3182
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

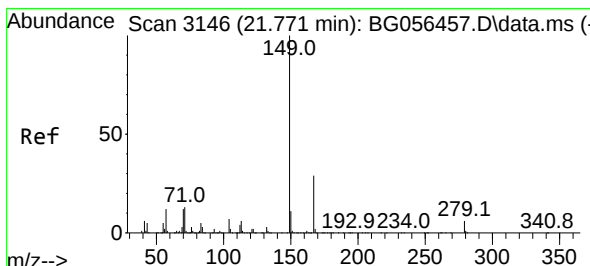
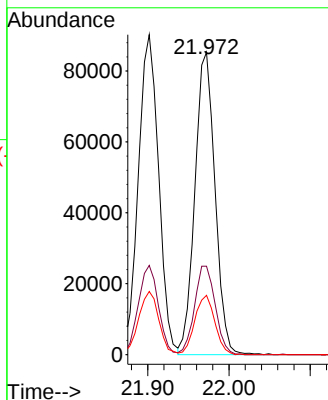
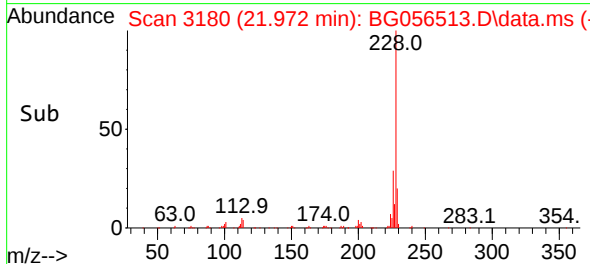
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT4-2022



Tgt Ion:228 Resp: 146594
Ion Ratio Lower Upper
228 100
226 29.3 25.0 37.4
229 19.6 16.4 24.6

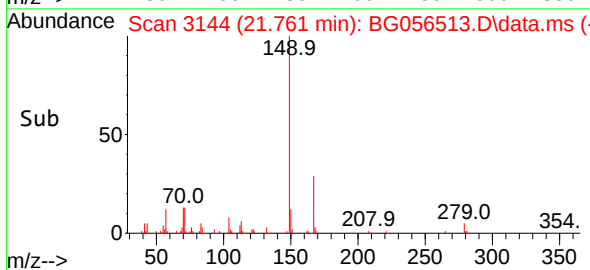
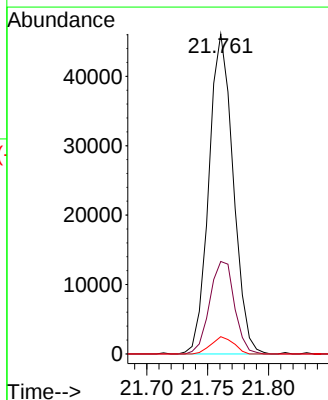
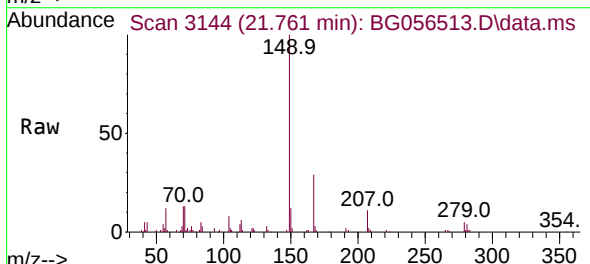
Manual Integrations
APPROVED

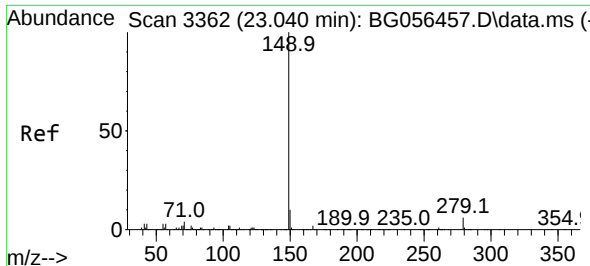
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 7.231 ng
RT: 21.761 min Scan# 3144
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

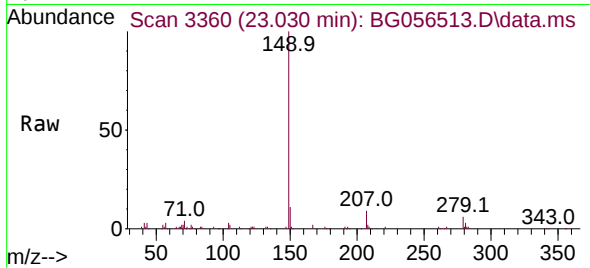
Tgt Ion:149 Resp: 63987
Ion Ratio Lower Upper
149 100
167 28.9 23.4 35.2
279 5.4 4.4 6.6





#85
Di-n-octyl phthalate
Concen: 7.317 ng
RT: 23.030 min Scan# 3362
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

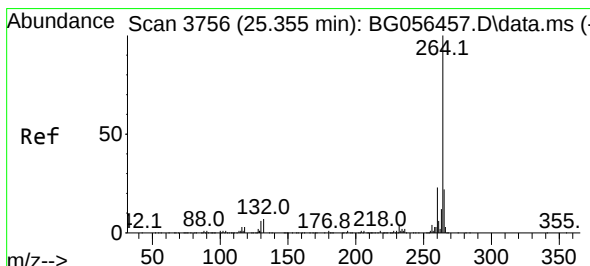
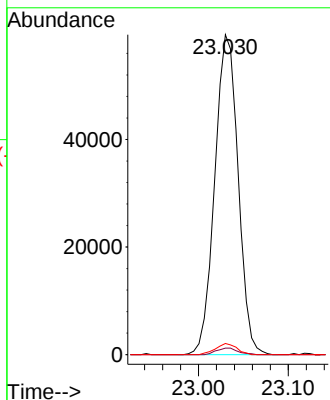
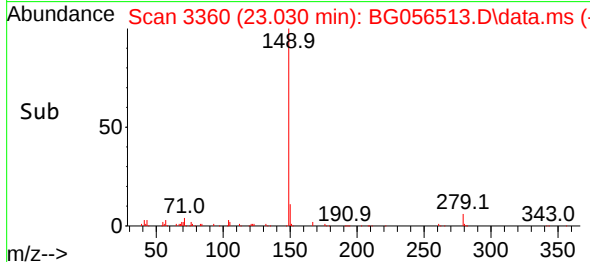
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:149 Resp: 107829
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 3.1 2.7 4.1

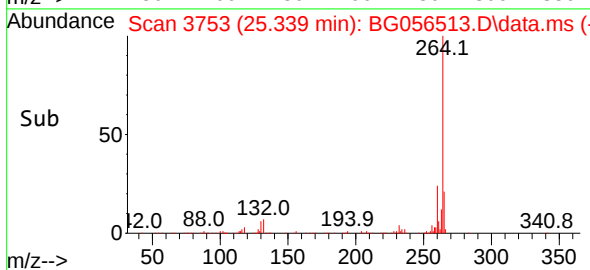
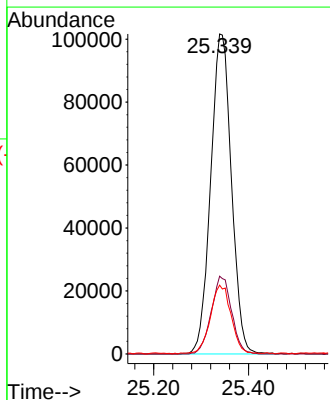
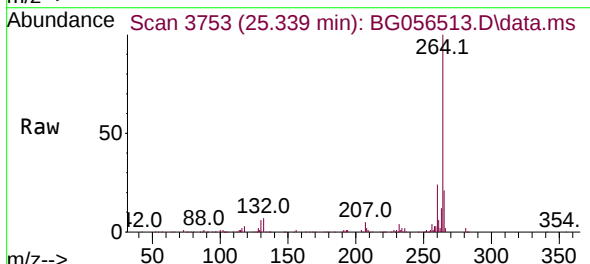
Manual Integrations
APPROVED

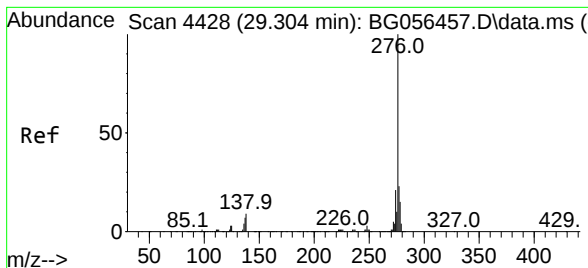
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.339 min Scan# 3753
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

Tgt Ion:264 Resp: 308278
Ion Ratio Lower Upper
264 100
260 24.3 18.2 27.4
265 21.5 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.644 ng

RT: 29.275 min Scan# 4428

Delta R.T. -0.005 min

Lab File: BG056513.D

Acq: 2 Feb 2023 14:01

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion:276 Resp: 172508

Ion Ratio Lower Upper

276 100

138 11.7 9.4 14.2

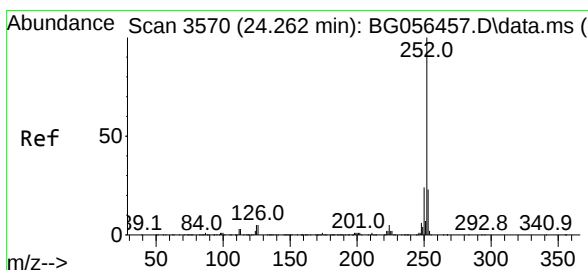
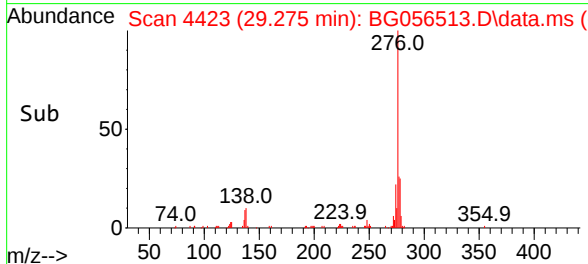
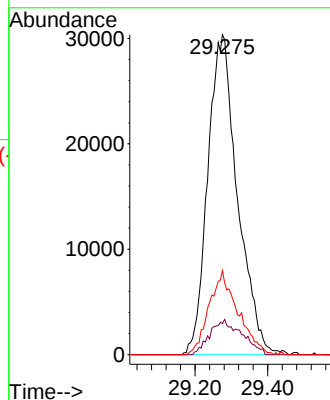
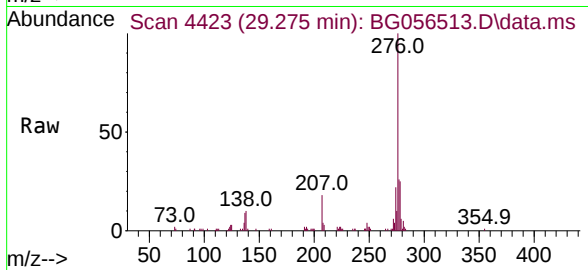
277 25.3 20.3 30.5

Manual Integrations

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Reviewed By :Christian Giraldo 02/03/2023

Supervised By :Jagrut Upadhyay 02/03/2023



#88

Benzo(b)fluoranthene

Concen: 8.354 ng

RT: 24.246 min Scan# 3567

Delta R.T. -0.005 min

Lab File: BG056513.D

Acq: 2 Feb 2023 14:01

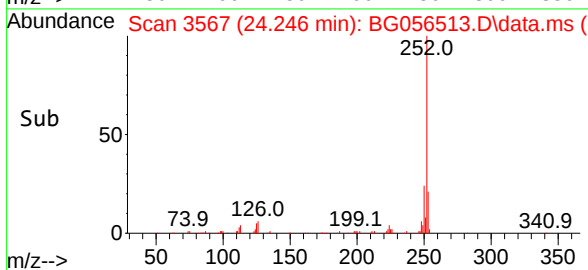
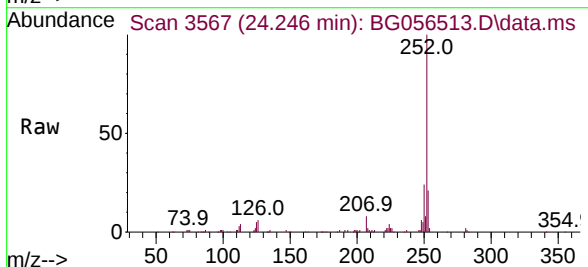
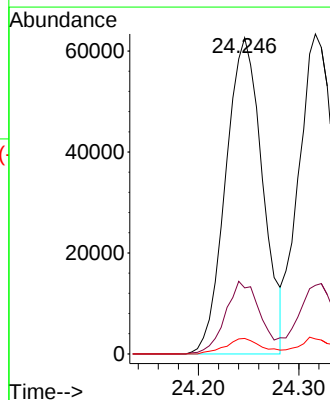
Tgt Ion:252 Resp: 159854

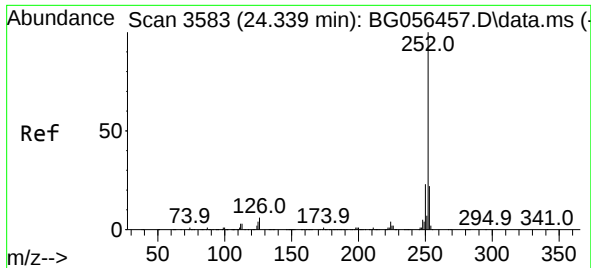
Ion Ratio Lower Upper

252 100

253 20.9 18.1 27.1

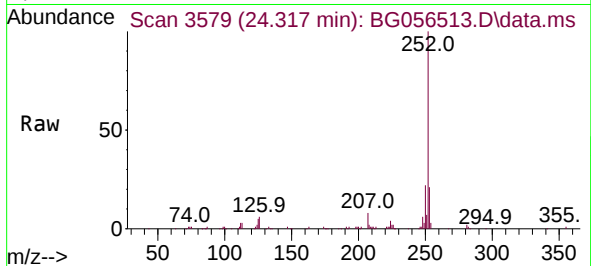
125 4.9 3.9 5.9





#89
Benzo(k)fluoranthene
Concen: 8.139 ng
RT: 24.317 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

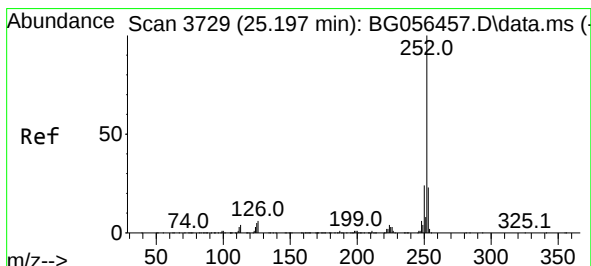
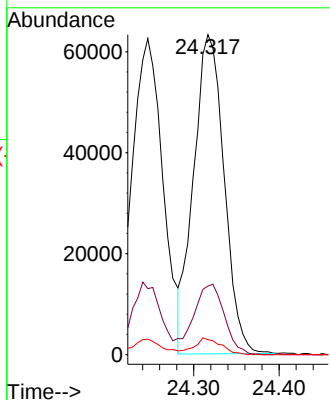
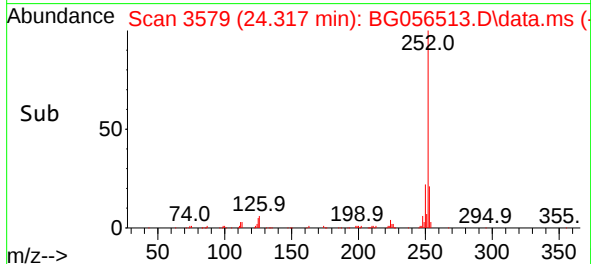
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022



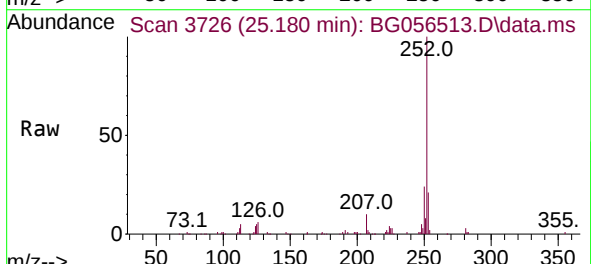
Tgt Ion:252 Resp: 157232
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 4.7 3.4 5.0

Manual Integrations
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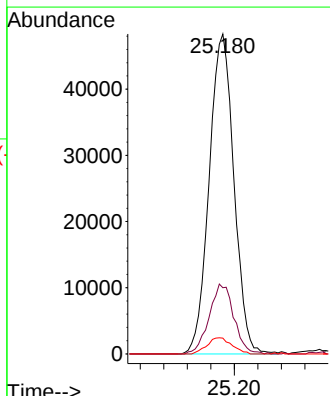
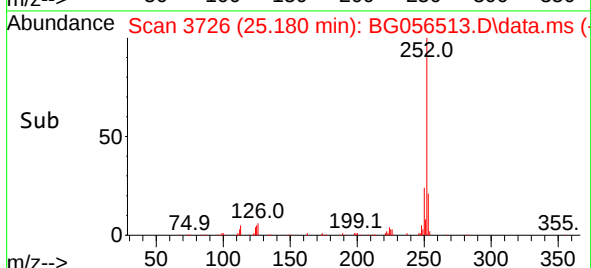
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

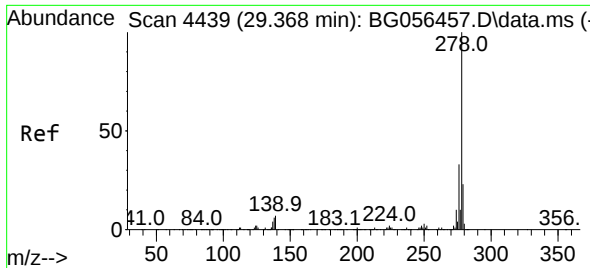


#90
Benzo(a)pyrene
Concen: 7.488 ng
RT: 25.180 min Scan# 3726
Delta R.T. -0.005 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01



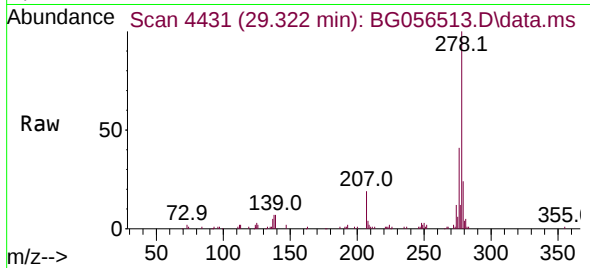
Tgt Ion:252 Resp: 141135
Ion Ratio Lower Upper
252 100
253 20.7 18.4 27.6
125 4.9 4.1 6.1





#91
Dibenzo(a,h)anthracene
Concen: 8.083 ng
RT: 29.322 min Scan# 4439
Delta R.T. -0.022 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

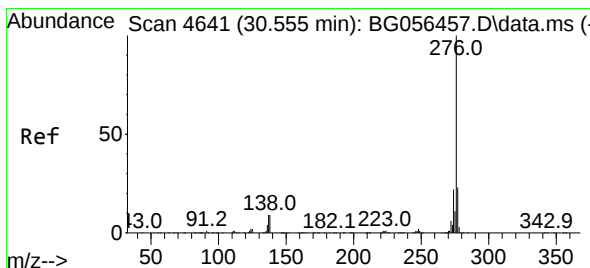
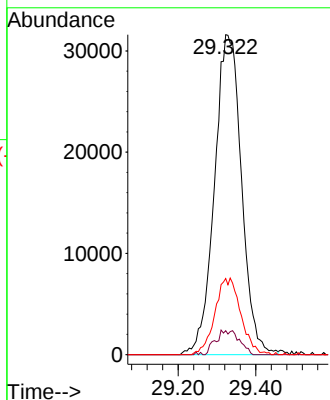
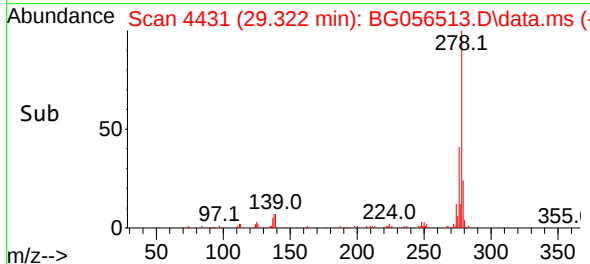
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:278 Resp: 15311
Ion Ratio Lower Upper
278 100
139 7.5 5.5 8.3
279 23.8 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#92
Benzo(g,h,i)perylene
Concen: 8.132 ng
RT: 30.503 min Scan# 4632
Delta R.T. -0.022 min
Lab File: BG056513.D
Acq: 2 Feb 2023 14:01

Tgt Ion:276 Resp: 148629
Ion Ratio Lower Upper
276 100
277 22.9 18.5 27.7
138 9.7 7.4 11.0

