

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020123\
 Data File : BG056504.D
 Acq On : 1 Feb 2023 17:43
 Operator : CG/JU
 Sample : N3980-09
 Misc : MDL-MDL-WATER 4ppm
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2022

Manual Integrations
 APPROVED

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

Quant Time: Feb 02 05:04:09 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	8.276	152	25976	20.000	ng	0.00
21) Naphthalene-d8	11.107	136	100491	20.000	ng	# 0.00
39) Acenaphthene-d10	14.891	164	84052	20.000	ng	0.00
64) Phenanthrene-d10	17.629	188	218915	20.000	ng	0.00
76) Chrysene-d12	21.918	240	215076	20.000	ng	0.00
86) Perylene-d12	25.344	264	232885	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	186694	132.214	ng	0.00
7) Phenol-d6	7.418	99	263055	125.731	ng	0.00
23) Nitrobenzene-d5	9.451	82	172027	97.208	ng	0.00
42) 2,4,6-Tribromophenol	16.378	330	146600	131.195	ng	0.00
45) 2-Fluorobiphenyl	13.522	172	595840	98.283	ng	0.00
79) Terphenyl-d14	20.209	244	1176265	96.057	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.599	88	3236	5.504	ng	93
3) Pyridine	4.033	79	7487	4.272	ng	97
4) n-Nitrosodimethylamine	3.934	42	1890	5.071	ng	# 74
6) Aniline	7.588	93	12219	4.461	ng	# 95
8) 2-Chlorophenol	7.841	128	6702	4.320	ng	98
9) Benzaldehyde	7.400	77	6070	4.621	ng	84
10) Phenol	7.447	94	9655	4.540	ng	94
11) bis(2-Chloroethyl)ether	7.676	93	7118	4.870	ng	91
12) 1,3-Dichlorobenzene	8.164	146	8855	4.958	ng	99
13) 1,4-Dichlorobenzene	8.311	146	8952	4.949	ng	94
14) 1,2-Dichlorobenzene	8.634	146	8790	5.009	ng	97
15) Benzyl Alcohol	8.511	79	6302	4.390	ng	86
16) 2,2'-oxybis(1-Chloropr...	8.798	45	1329	4.291	ng	93
17) 2-Methylphenol	8.716	107	7042	4.353	ng	98
18) Hexachloroethane	9.374	117	2849	5.208	ng	80
19) n-Nitroso-di-n-propyla...	9.075	70	5686	4.716	ng	96
20) 3+4-Methylphenols	9.045	107	9114	4.020	ng	98
22) Acetophenone	9.104	105	13237	4.958	ng	# 99
24) Nitrobenzene	9.492	77	8553m	5.011	ng	
25) Isophorone	10.015	82	15909	4.358	ng	97
26) 2-Nitrophenol	10.214	139	4762	4.598	ng	95
27) 2,4-Dimethylphenol	10.256	122	7271	4.195	ng	91
28) bis(2-Chloroethoxy)met...	10.491	93	9185	4.554	ng	94
29) 2,4-Dichlorophenol	10.755	162	8865	4.544	ng	98
30) 1,2,4-Trichlorobenzene	10.966	180	10467	4.828	ng	# 82
31) Naphthalene	11.160	128	25243	4.759	ng	97
33) 4-Chloroaniline	11.266	127	11653	4.707	ng	95
34) Hexachlorobutadiene	11.431	225	8365	5.497	ng	97
35) Caprolactam	11.995	113	3026	4.599	ng	80
36) 4-Chloro-3-methylphenol	12.365	107	8272	4.390	ng	# 95
37) 2-Methylnaphthalene	12.741	142	20030	4.581	ng	98
38) 1-Methylnaphthalene	12.958	142	19341m	4.736	ng	
40) 1,2,4,5-Tetrachloroben...	13.105	216	15629	5.090	ng	98
41) Hexachlorocyclopentadiene	13.076	237	2905	8.014	ng	91
43) 2,4,6-Trichlorophenol	13.340	196	8265	4.177	ng	94
44) 2,4,5-Trichlorophenol	13.422	196	9666	4.172	ng	# 98

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 Misc : MDL-MDL-WATER 4ppm
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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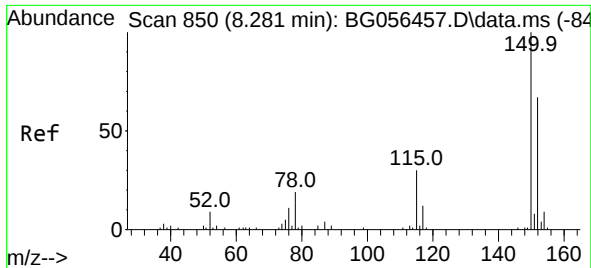
Quant Time: Feb 02 05:04:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
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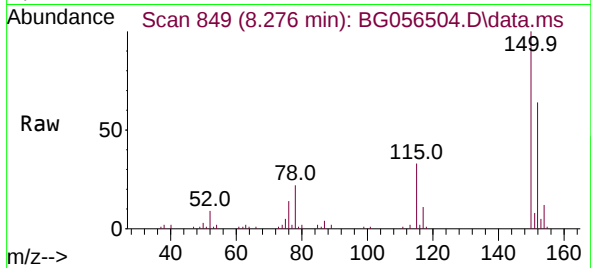
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.728	154	31335	5.140	ng	94
47) 2-Chloronaphthalene	13.781	162	23349	4.900	ng	95
48) 2-Nitroaniline	13.975	65	4008	4.069	ng	85
49) Acenaphthylene	14.621	152	35758	4.612	ng	97
50) Dimethylphthalate	14.327	163	31548	4.639	ng	97
51) 2,6-Dinitrotoluene	14.457	165	6871	4.633	ng	94
52) Acenaphthene	14.956	154	21644	4.708	ng	97
53) 3-Nitroaniline	14.797	138	6052	4.210	ng	91
55) Dibenzofuran	15.291	168	39990	4.850	ng	93
56) 4-Nitrophenol	15.115	139	3486	3.549	ng	# 84
57) 2,4-Dinitrotoluene	15.250	165	9477	4.537	ng	94
58) Fluorene	15.937	166	32099	4.893	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.520	232	8238	3.999	ng	# 95
60) Diethylphthalate	15.679	149	29904	4.683	ng	96
61) 4-Chlorophenyl-phenyle...	15.914	204	18989	4.743	ng	96
62) 4-Nitroaniline	15.949	138	6475	4.501	ng	95
63) Azobenzene	16.207	77	20560	4.679	ng	97
65) 4,6-Dinitro-2-methylph...	16.014	198	4571	2.970	ng	95
66) n-Nitrosodiphenylamine	16.131	169	28305	4.567	ng	98
67) 4-Bromophenyl-phenylether	16.813	248	13220	4.717	ng	97
68) Hexachlorobenzene	16.942	284	14083	5.131	ng	# 94
69) Atrazine	17.059	200	12757	5.335	ng	95
71) Phenanthrene	17.670	178	55052	4.805	ng	97
72) Anthracene	17.764	178	55891	4.752	ng	98
73) Carbazole	18.035	167	48772	4.869	ng	93
74) Di-n-butylphthalate	18.558	149	48124	4.575	ng	97
75) Fluoranthene	19.668	202	71116	4.918	ng	99
77) Benzidine	19.833	184	38676	6.645	ng	100
78) Pyrene	20.026	202	70534	4.611	ng	97
80) Butylbenzylphthalate	20.884	149	20198	4.324	ng	96
81) Benzo(a)anthracene	21.901	228	71318	4.743	ng	96
82) 3,3'-Dichlorobenzidine	21.801	252	28525	5.268	ng	98
83) Chrysene	21.971	228	67668	4.790	ng	99
84) Bis(2-ethylhexyl)phtha...	21.760	149	28631	4.275	ng	96
85) Di-n-octyl phthalate	23.029	149	49251	4.415	ng	99
87) Indeno(1,2,3-cd)pyrene	29.263	276	77910	4.570	ng	# 75
88) Benzo(b)fluoranthene	24.239	252	72688	5.029	ng	98
89) Benzo(k)fluoranthene	24.316	252	71662	4.910	ng	98
90) Benzo(a)pyrene	25.173	252	65097	4.572	ng	97
91) Dibenzo(a,h)anthracene	29.321	278	69420	4.851	ng	92
92) Benzo(g,h,i)perylene	30.502	276	67681	4.902	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.276 min Scan# 849
Delta R.T. 0.001 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

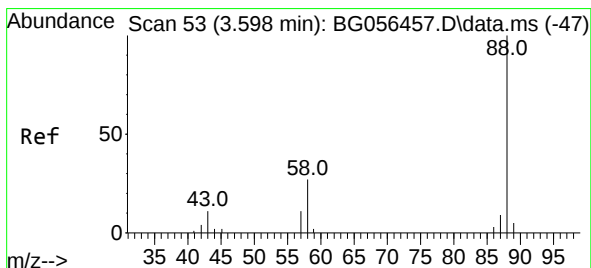
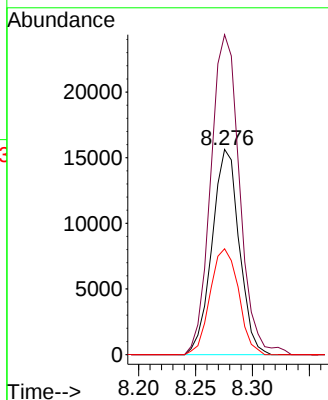
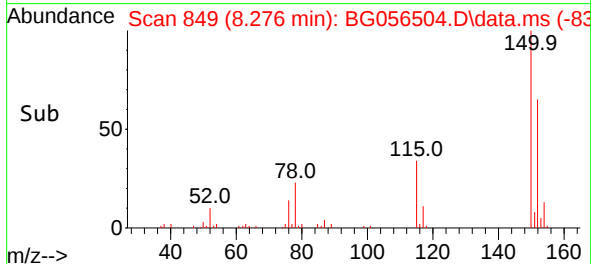
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion: 152 Resp: 25976
Ion Ratio Lower Upper
152 100
150 155.9 120.2 180.4
115 51.6 36.3 54.5

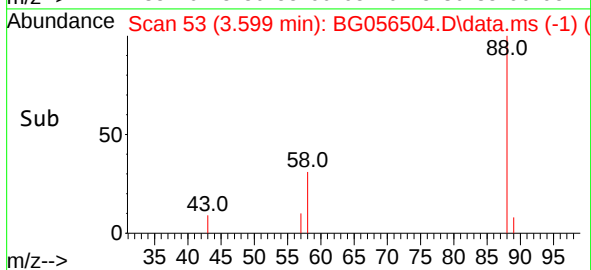
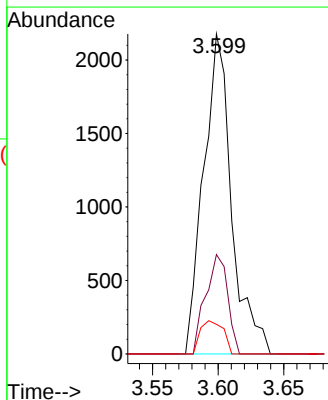
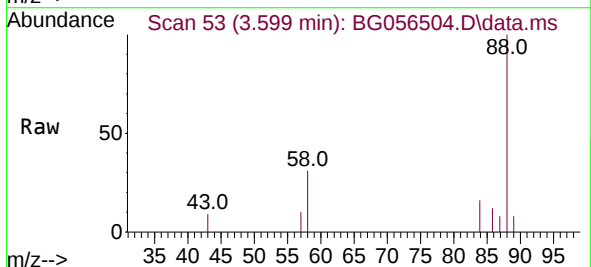
Manual Integrations
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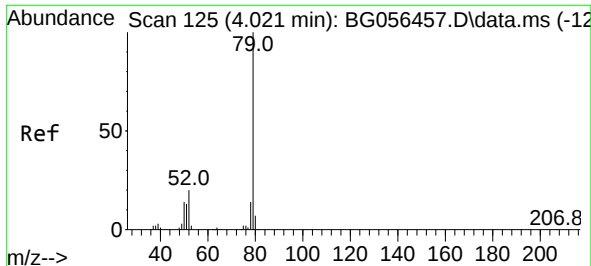
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#2
1,4-Dioxane
Concen: 5.504 ng
RT: 3.599 min Scan# 53
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

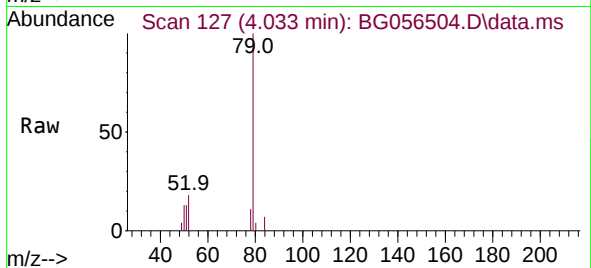
Tgt Ion: 88 Resp: 3236
Ion Ratio Lower Upper
88 100
58 24.4 23.0 34.4
43 8.5 8.0 12.0





#3
Pyridine
Concen: 4.272 ng
RT: 4.033 min Scan# 110
Delta R.T. 0.012 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

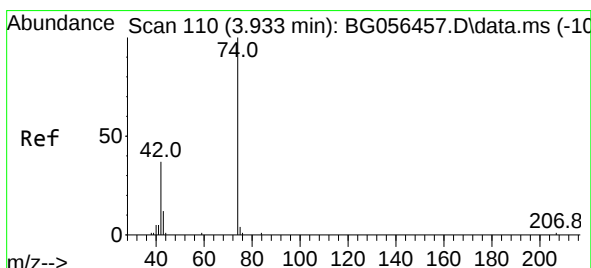
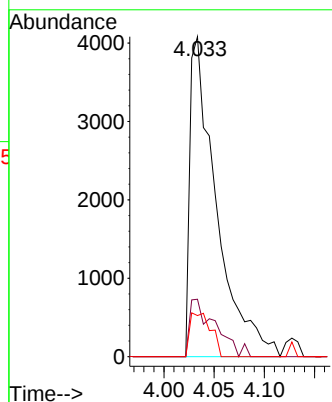
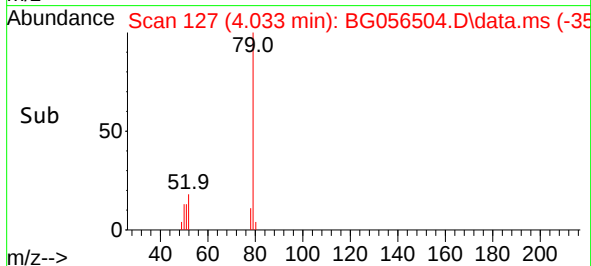
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion: 79 Resp: 748
Ion Ratio Lower Upper
79 100
52 18.0 16.1 24.1
51 12.8 10.7 16.1

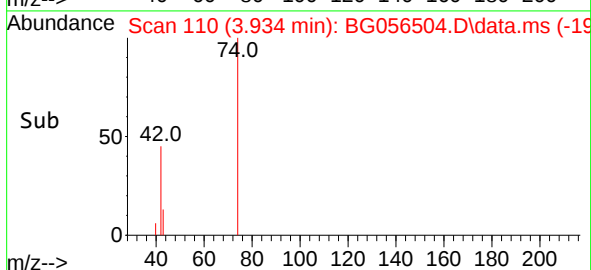
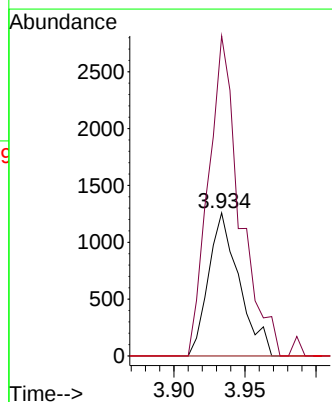
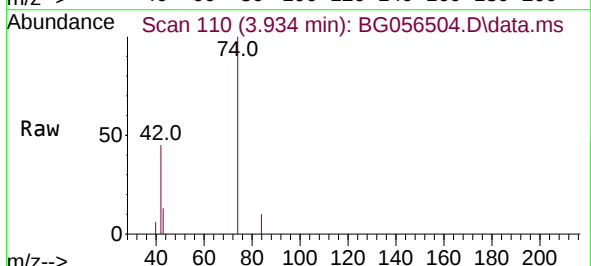
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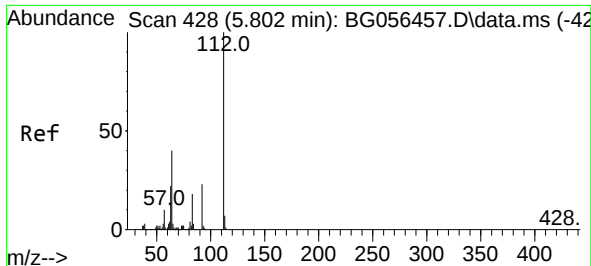
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#4
n-Nitrosodimethylamine
Concen: 5.071 ng
RT: 3.934 min Scan# 110
Delta R.T. 0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

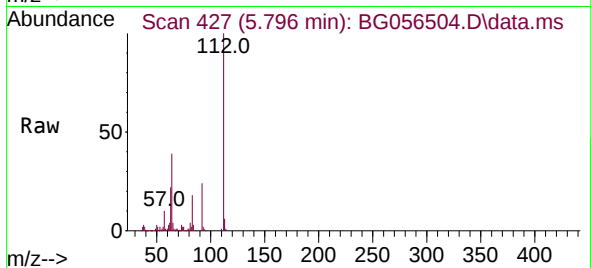
Tgt Ion: 42 Resp: 1890
Ion Ratio Lower Upper
42 100
74 223.8 217.9 326.9
44 0.0 3.0 4.6#





#5
2-Fluorophenol
Concen: 132.214 ng
RT: 5.796 min Scan# 428
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

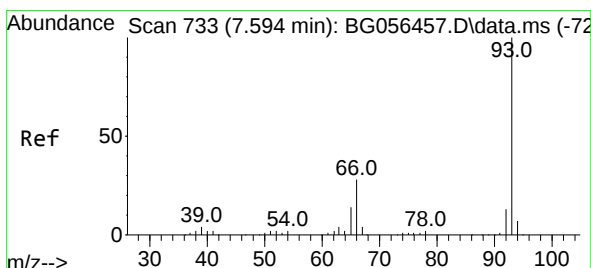
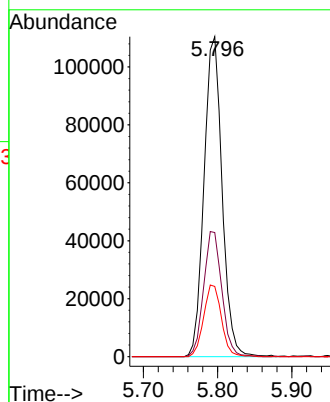
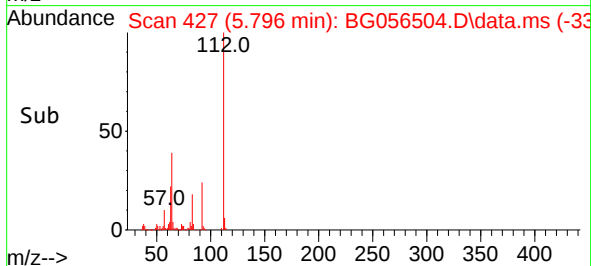
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:112 Resp: 186694
Ion Ratio Lower Upper
112 100
64 38.8 31.9 47.9
63 21.9 17.4 26.0

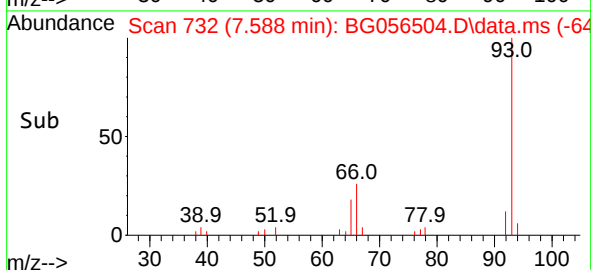
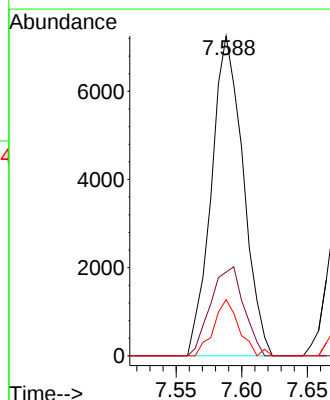
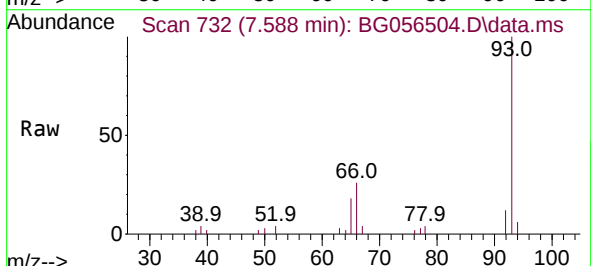
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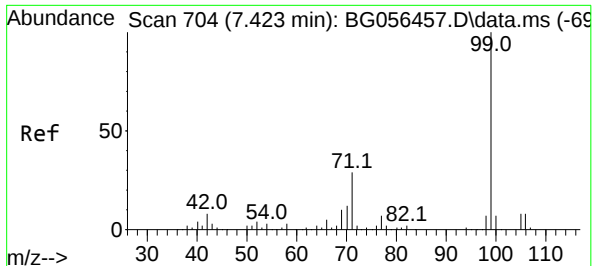
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#6
Aniline
Concen: 4.461 ng
RT: 7.588 min Scan# 732
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

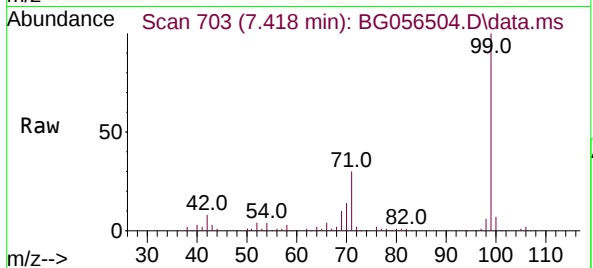
Tgt Ion: 93 Resp: 12219
Ion Ratio Lower Upper
93 100
66 26.2 22.2 33.2
65 17.6 11.3 16.9#





#7
Phenol-d6
Concen: 125.731 ng
RT: 7.418 min Scan# 704
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

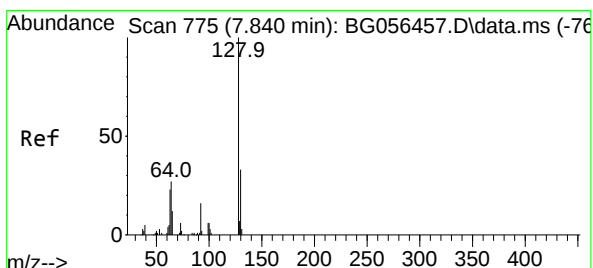
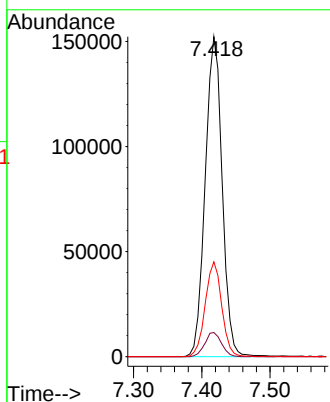
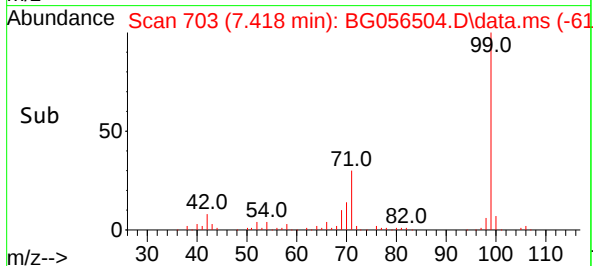
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion: 99 Resp: 263055
Ion Ratio Lower Upper
99 100
42 7.5 6.6 10.0
71 29.6 23.4 35.0

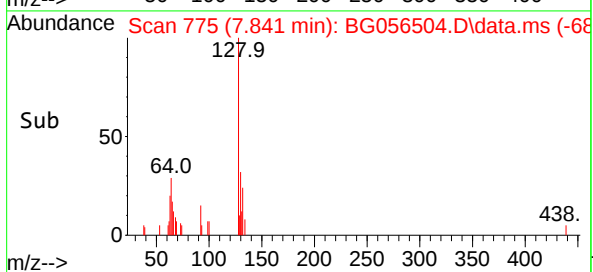
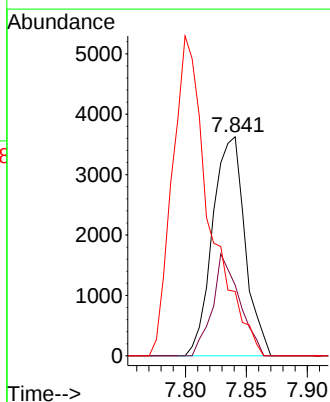
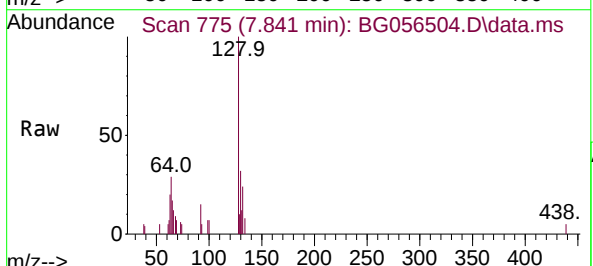
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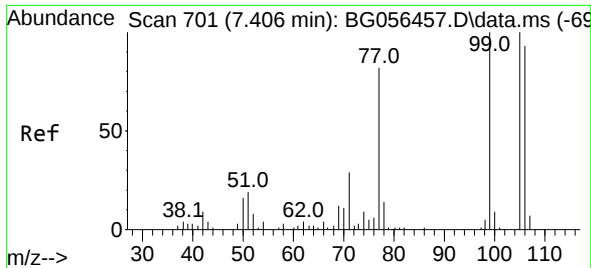
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#8
2-Chlorophenol
Concen: 4.320 ng
RT: 7.841 min Scan# 775
Delta R.T. 0.006 min
Lab File: BG056504.D
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Tgt Ion:128 Resp: 6702
Ion Ratio Lower Upper
128 100
130 32.3 12.8 52.8
64 29.4 11.3 51.3





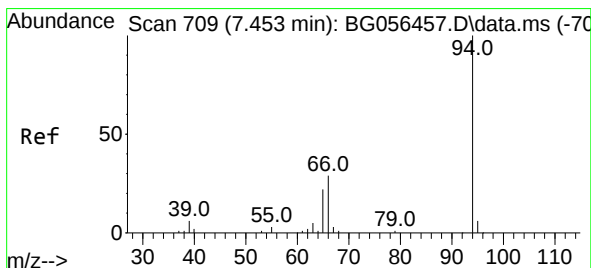
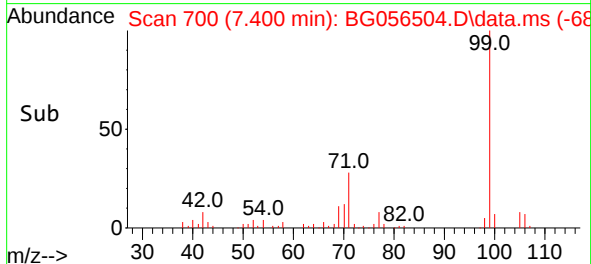
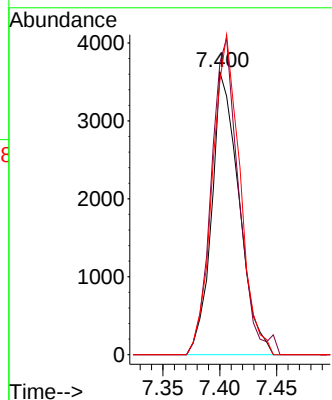
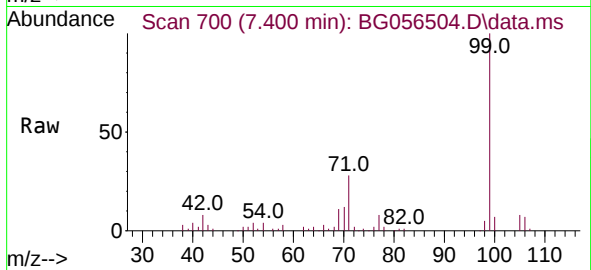
#9
Benzaldehyde
Concen: 4.621 ng
RT: 7.400 min Scan# 701
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022

Tgt Ion: 77 Resp: 6070
Ion Ratio Lower Upper
77 100
105 103.3 101.8 141.8
106 96.9 93.0 133.0

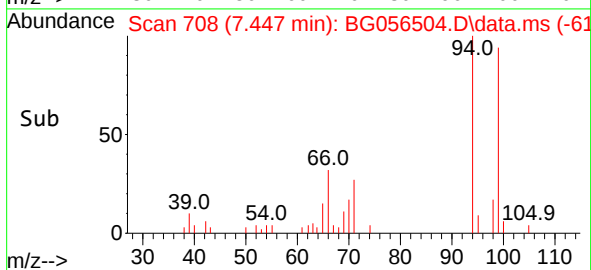
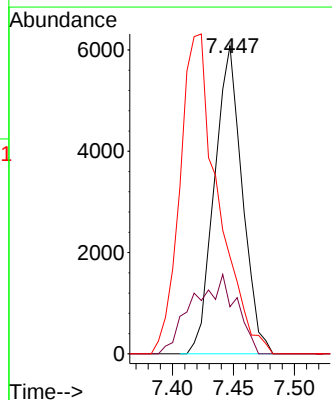
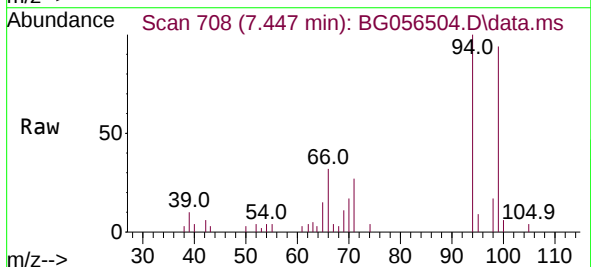
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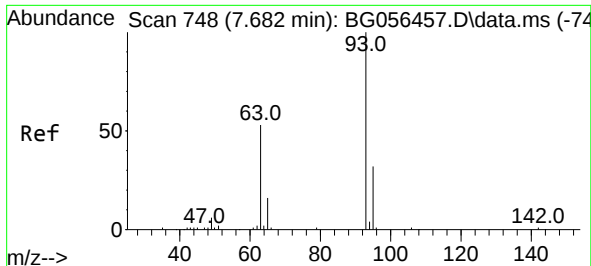
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#10
Phenol
Concen: 4.540 ng
RT: 7.447 min Scan# 708
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Tgt Ion: 94 Resp: 9655
Ion Ratio Lower Upper
94 100
65 15.3 2.3 42.3
66 31.6 11.2 51.2





#11

bis(2-Chloroethyl)ether

Concen: 4.870 ng

RT: 7.676 min Scan# 74

Delta R.T. -0.006 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

Instrument :

BNA_G

ClientSampleId :

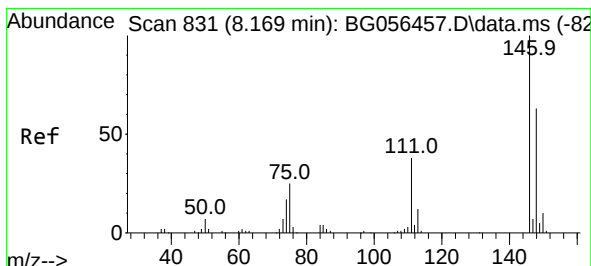
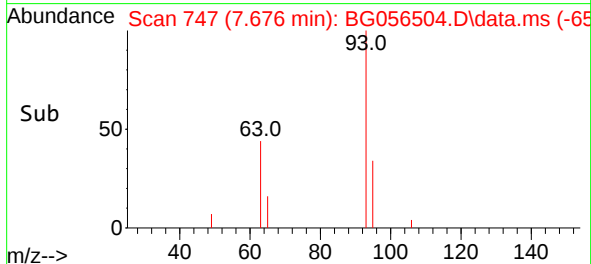
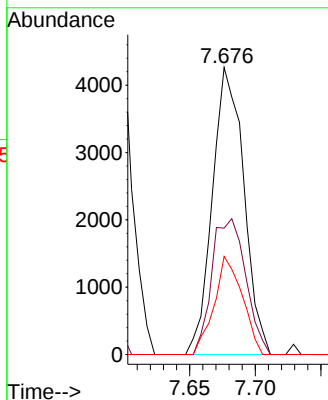
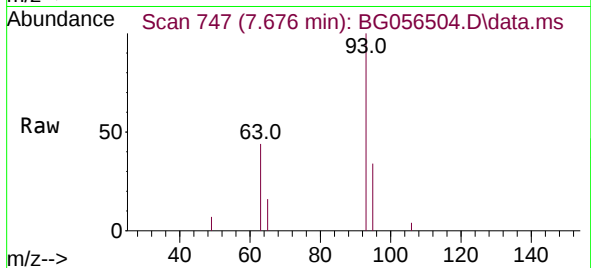
MDL-WATER-03-QT3-2022

Tgt Ion:	93	Resp:	7118
Ion	Ratio	Lower	Upper
93	100		
63	44.0	32.4	72.4
95	34.2	11.8	51.8

Manual Integrations

APPROVED

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



#12

1,3-Dichlorobenzene

Concen: 4.958 ng

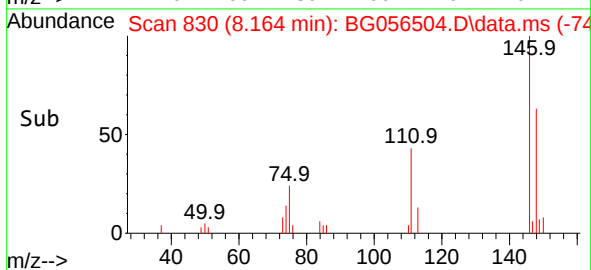
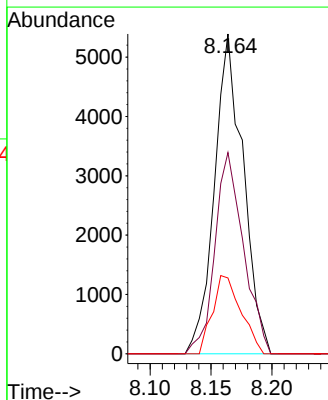
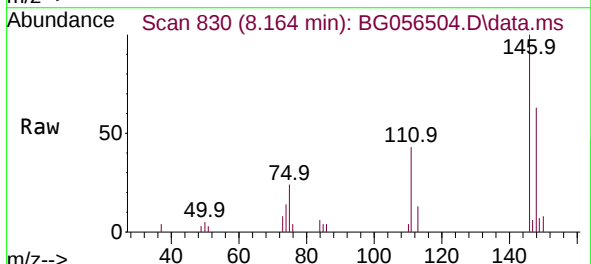
RT: 8.164 min Scan# 830

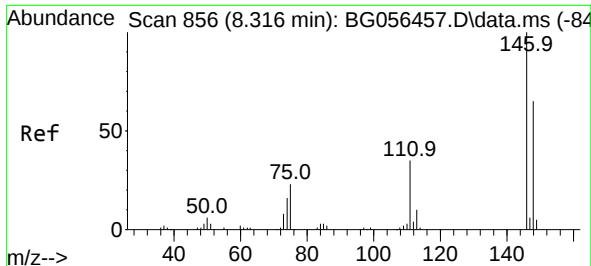
Delta R.T. 0.000 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

Tgt Ion:	146	Resp:	8855
Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	75.8
75	23.7	19.6	29.4





#13

1,4-Dichlorobenzene

Concen: 4.949 ng

RT: 8.311 min Scan# 81

Delta R.T. 0.000 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

Instrument :

BNA_G

ClientSampleId :

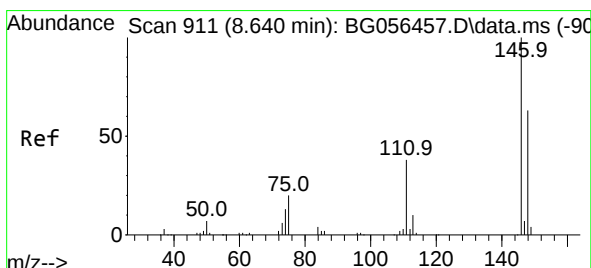
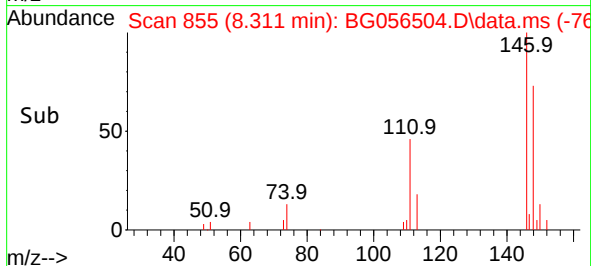
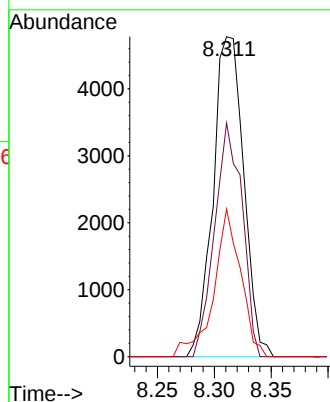
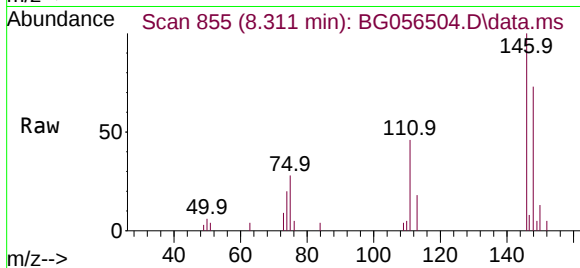
MDL-WATER-03-QT3-2022

Tgt Ion:146 Resp: 8952
 Ion Ratio Lower Upper
 146 100
 148 67.5 51.8 77.6
 111 42.6 28.6 42.8

Manual Integrations

APPROVED

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



#14

1,2-Dichlorobenzene

Concen: 5.009 ng

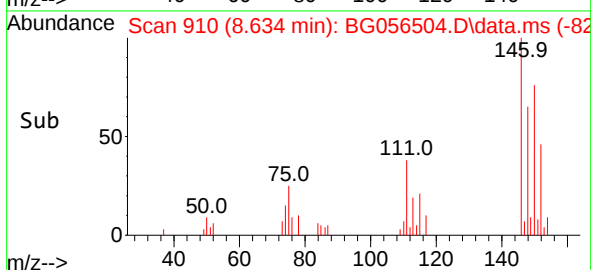
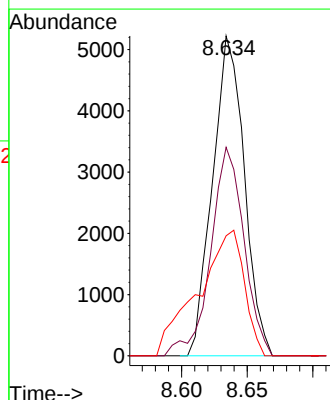
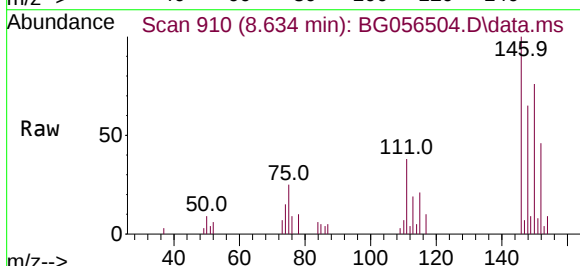
RT: 8.634 min Scan# 910

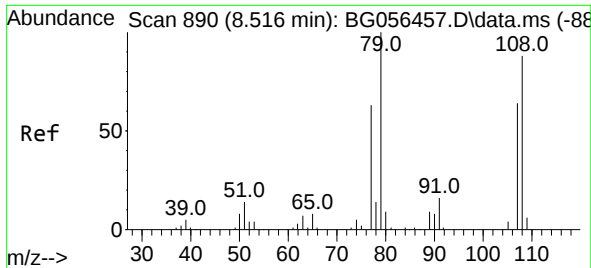
Delta R.T. 0.000 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

Tgt Ion:146 Resp: 8790
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.1 75.1
 111 37.5 30.9 46.3





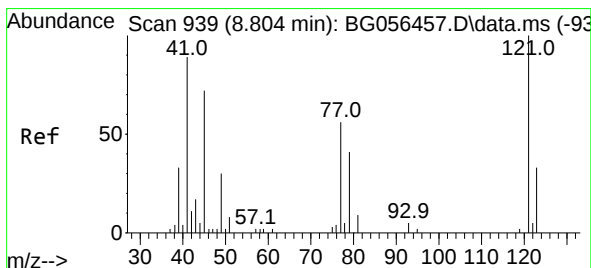
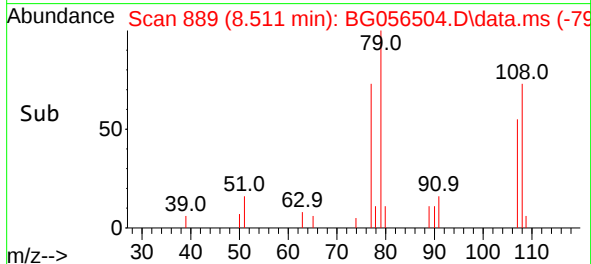
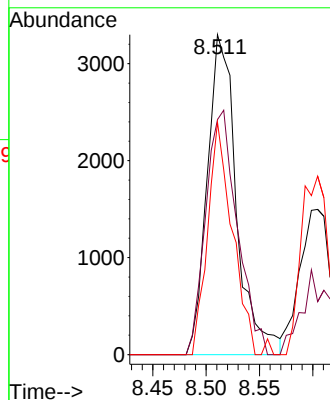
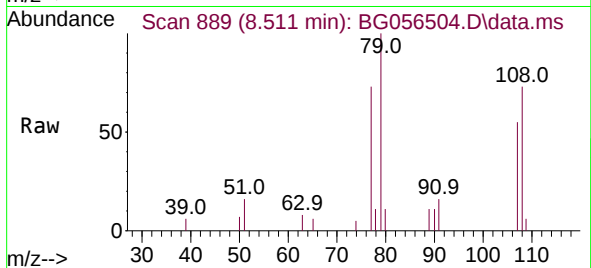
#15
Benzyl Alcohol
Concen: 4.390 ng
RT: 8.511 min Scan# 889
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022

Tgt Ion: 79 Resp: 6302
Ion Ratio Lower Upper
79 100
108 73.4 70.1 105.1
77 72.6 50.3 75.5

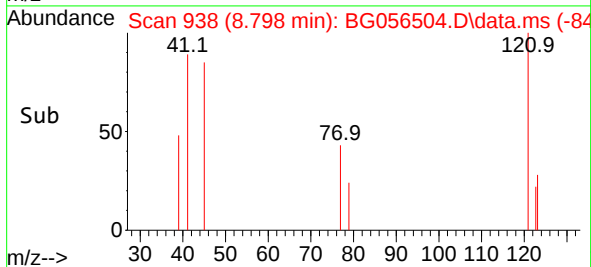
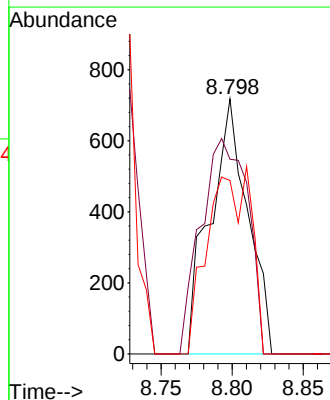
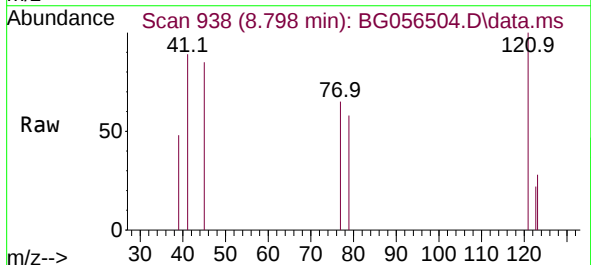
Manual Integrations
APPROVED

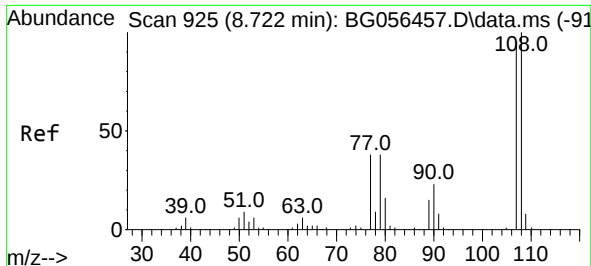
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.291 ng
RT: 8.798 min Scan# 938
Delta R.T. 0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

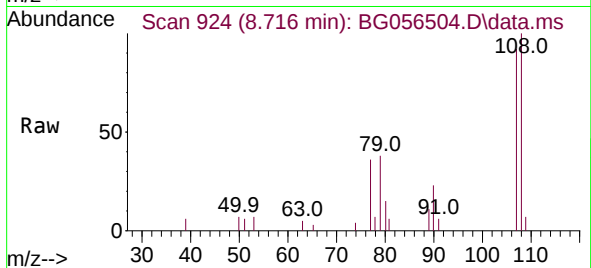
Tgt Ion: 45 Resp: 1329
Ion Ratio Lower Upper
45 100
77 76.3 62.1 102.1
79 68.0 42.7 82.7





#17
2-Methylphenol
Concen: 4.353 ng
RT: 8.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

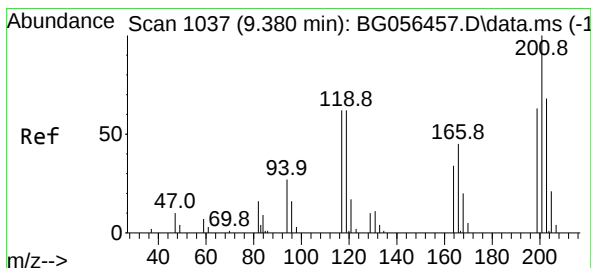
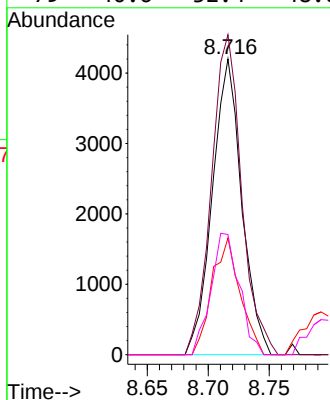
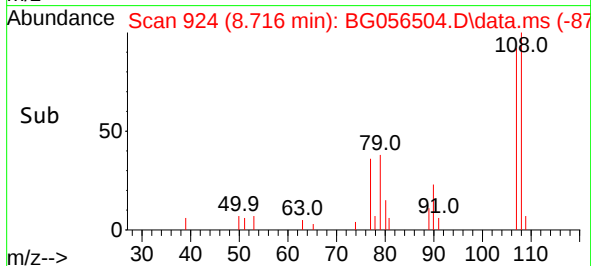
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



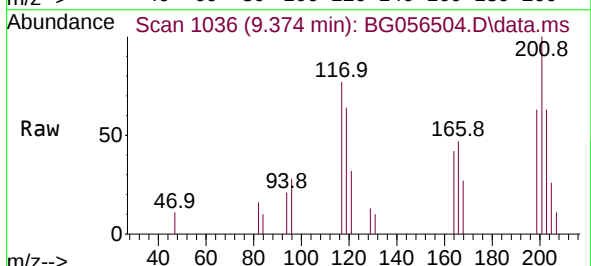
Tgt Ion:107 Resp: 7042
Ion Ratio Lower Upper
107 100
108 108.2 83.9 125.9
77 39.4 31.6 47.4
79 40.6 32.4 48.6

Manual Integrations
APPROVED

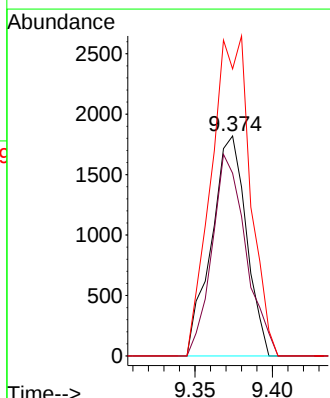
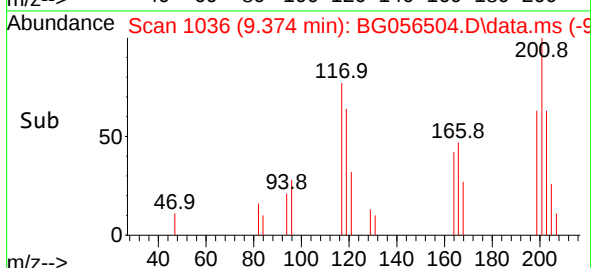
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

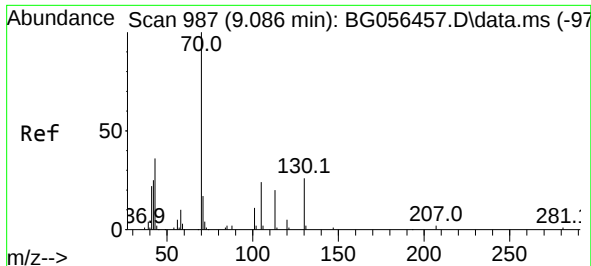


#18
Hexachloroethane
Concen: 5.208 ng
RT: 9.374 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43



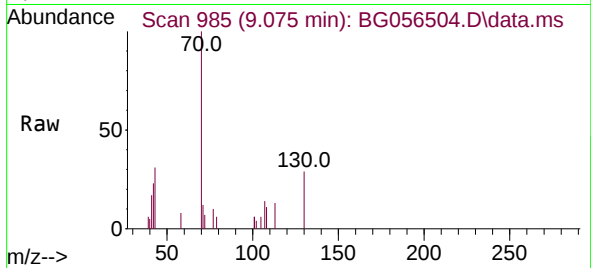
Tgt Ion:117 Resp: 2849
Ion Ratio Lower Upper
117 100
119 83.0 79.4 119.0
201 130.5 128.5 192.7





#19
n-Nitroso-di-n-propylamine
Concen: 4.716 ng
RT: 9.075 min Scan# 985
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

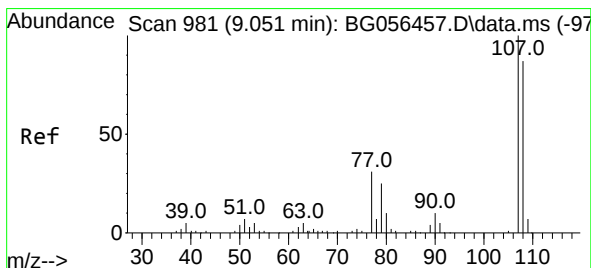
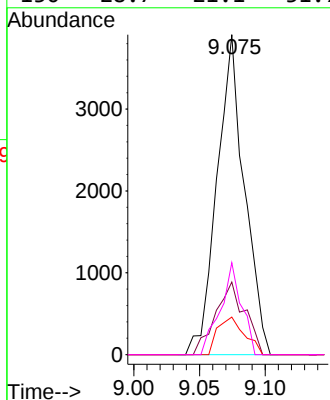
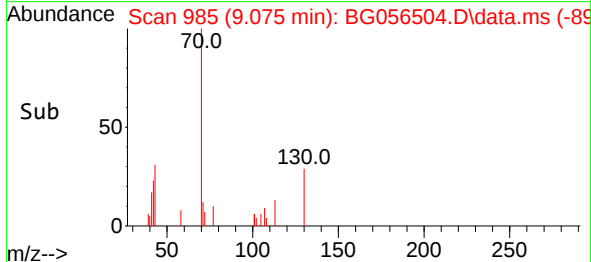
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



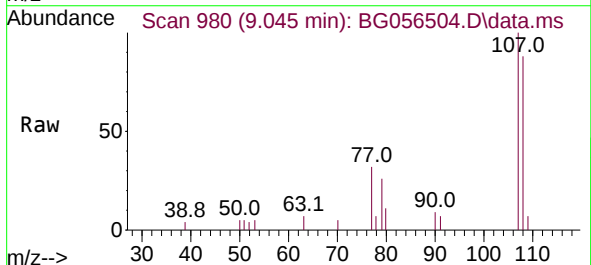
Tgt Ion: 70 Resp: 5686
Ion Ratio Lower Upper
70 100
42 22.7 20.2 30.4
101 11.7 9.1 13.7
130 28.7 21.1 31.7

Manual Integrations
APPROVED

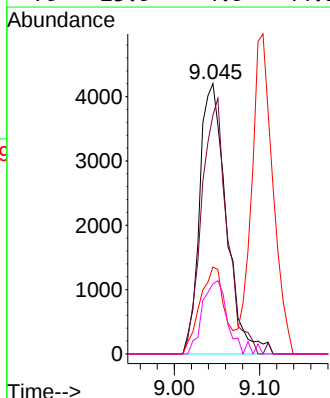
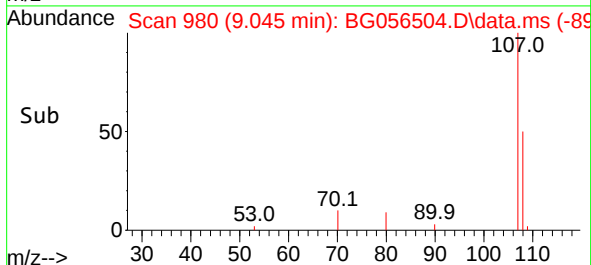
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

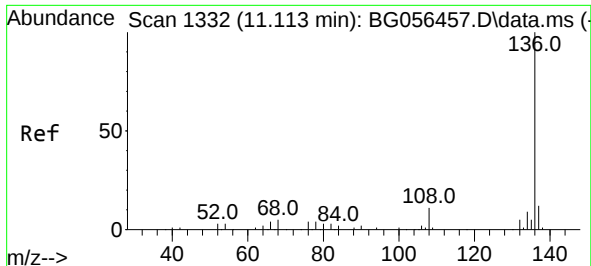


#20
3+4-Methylphenols
Concen: 4.020 ng
RT: 9.045 min Scan# 980
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43



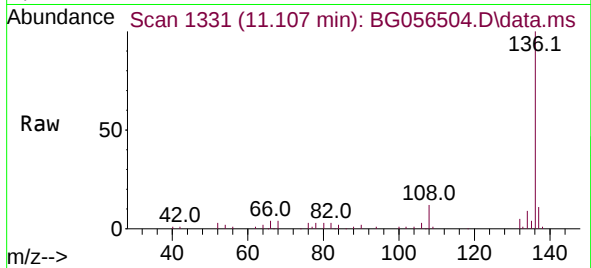
Tgt Ion:107 Resp: 9114
Ion Ratio Lower Upper
107 100
108 88.3 66.7 106.7
77 32.1 10.6 50.6
79 25.9 4.9 44.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.107 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

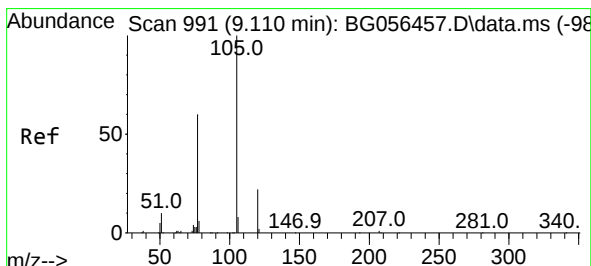
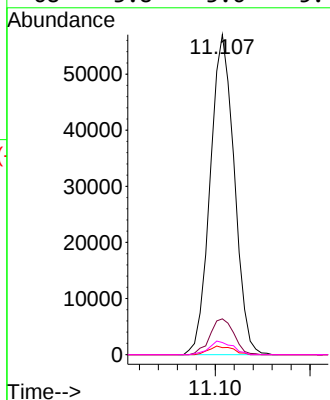
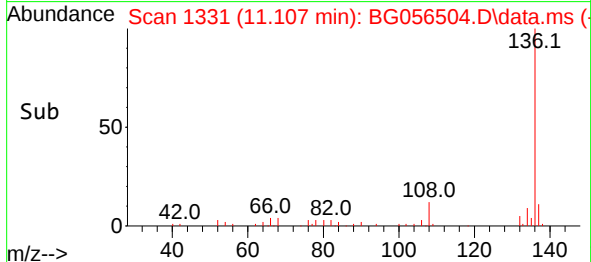
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:136 Resp: 100491
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.0
54 2.2 2.2 3.4
68 3.8 3.6 5.4

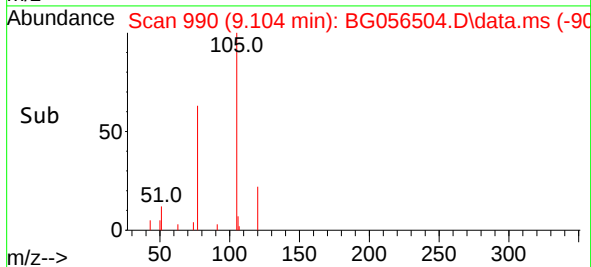
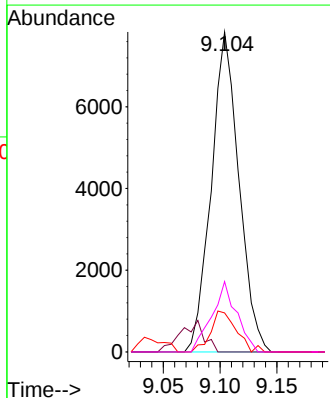
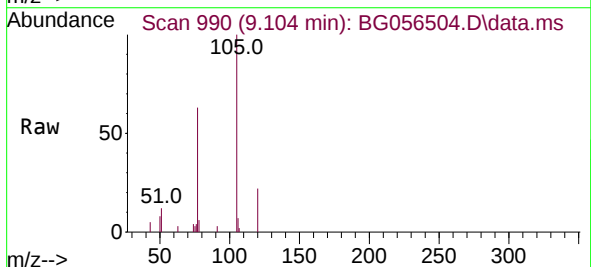
Manual Integrations
APPROVED

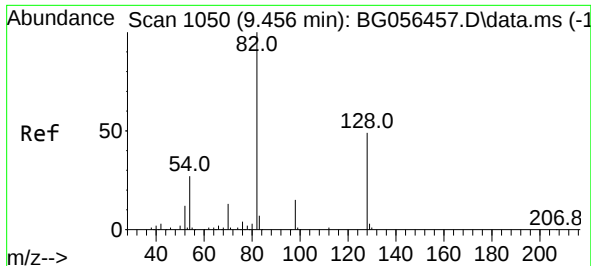
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#22
Acetophenone
Concen: 4.958 ng
RT: 9.104 min Scan# 990
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Tgt Ion:105 Resp: 13237
Ion Ratio Lower Upper
105 100
71 0.0 0.6 0.8
51 12.2 9.2 13.8
120 22.0 17.4 26.0





#23

Nitrobenzene-d5

Concen: 97.208 ng

RT: 9.451 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

Instrument :

BNA_G

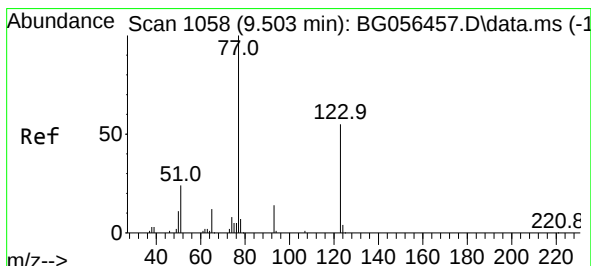
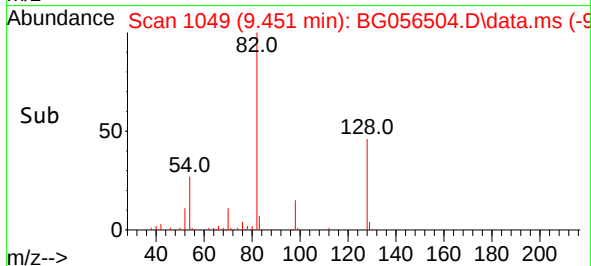
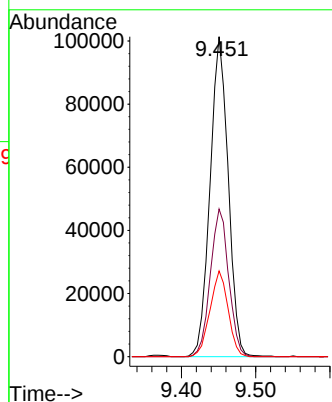
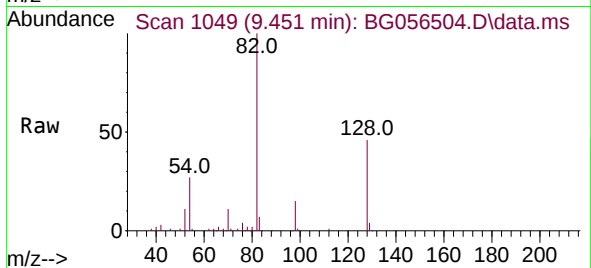
ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion:	82	Resp:	17202
Ion	Ratio	Lower	Upper
82	100		
128	46.1	39.4	59.2
54	26.8	21.4	32.2

Manual Integrations
APPROVED

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



#24

Nitrobenzene

Concen: 5.011 ng m

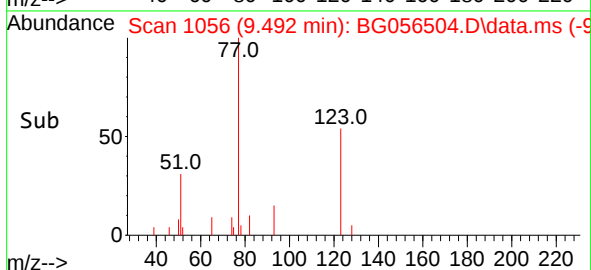
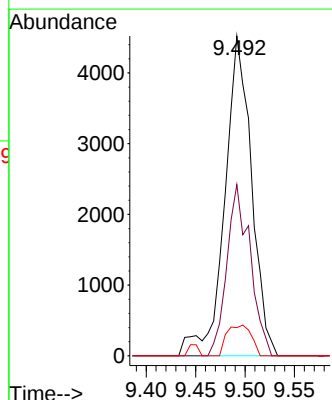
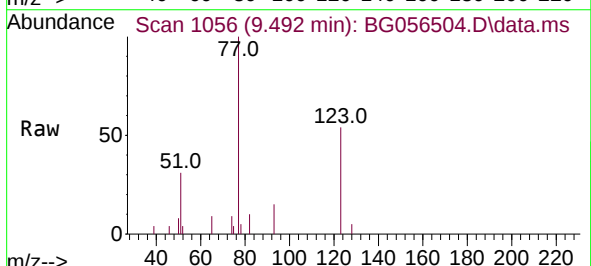
RT: 9.492 min Scan# 1056

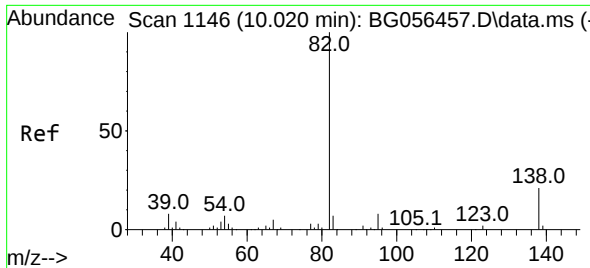
Delta R.T. -0.006 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

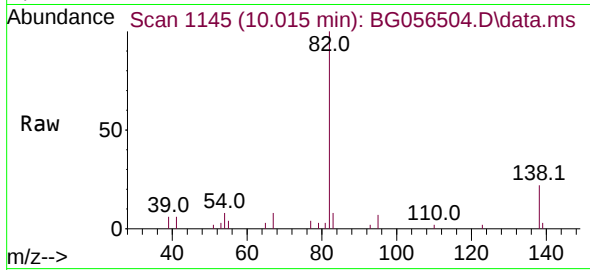
Tgt Ion:	77	Resp:	8553
Ion	Ratio	Lower	Upper
77	100		
123	53.5	44.0	66.0
65	8.8	9.7	14.5





#25
Isophorone
Concen: 4.358 ng
RT: 10.015 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

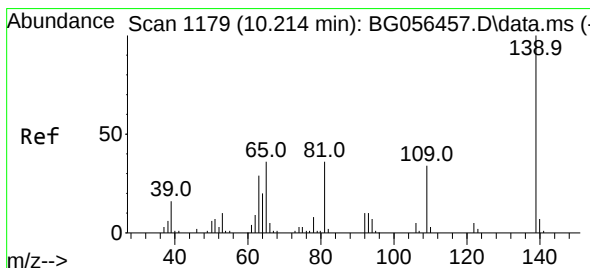
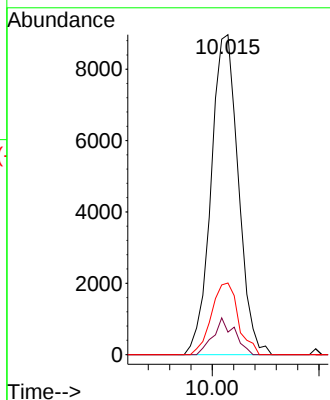
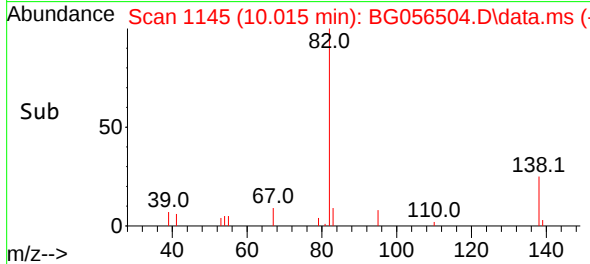
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion: 82 Resp: 15909
Ion Ratio Lower Upper
82 100
95 7.0 6.3 9.5
138 22.4 16.6 25.0

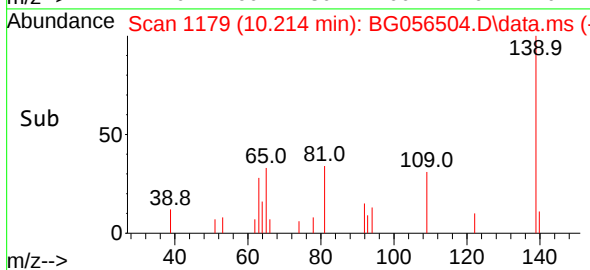
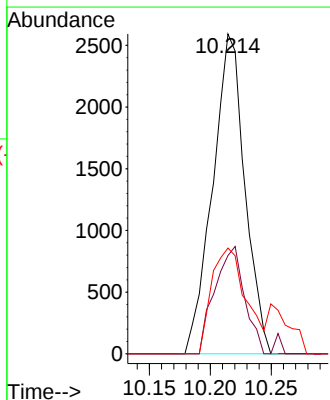
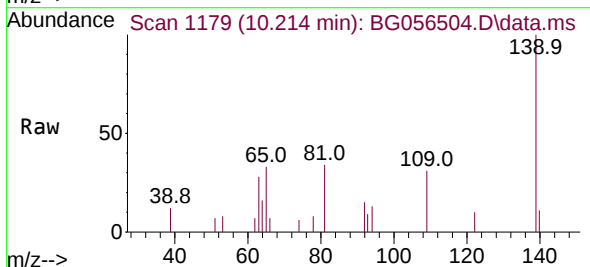
Manual Integrations
APPROVED

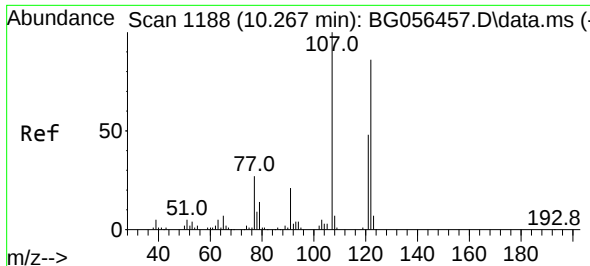
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#26
2-Nitrophenol
Concen: 4.598 ng
RT: 10.214 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Tgt Ion:139 Resp: 4762
Ion Ratio Lower Upper
139 100
109 30.7 26.9 40.3
65 33.1 29.0 43.4





#27

2,4-Dimethylphenol

Concen: 4.195 ng

RT: 10.256 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BG056504.D

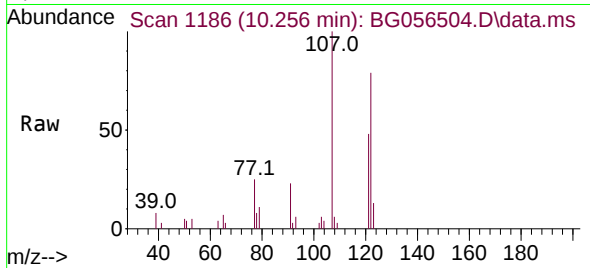
Acq: 1 Feb 2023 17:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2022



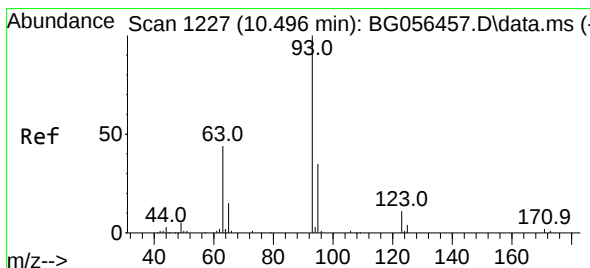
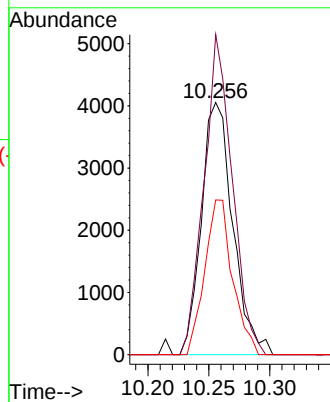
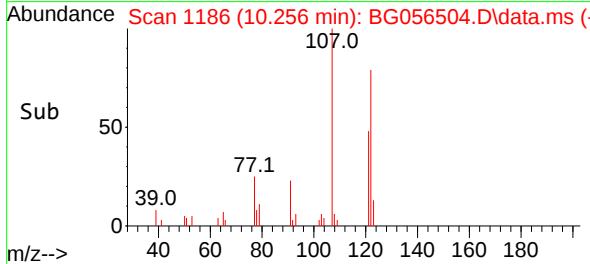
Tgt Ion	Ratio	Lower	Upper
122	100		
107	126.9	92.9	139.3
121	61.3	45.0	67.4

Manual Integrations

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Reviewed By :Christian Giraldo 02/02/2023

Supervised By :Jagrut Upadhyay 02/02/2023



#28

bis(2-Chloroethoxy)methane

Concen: 4.554 ng

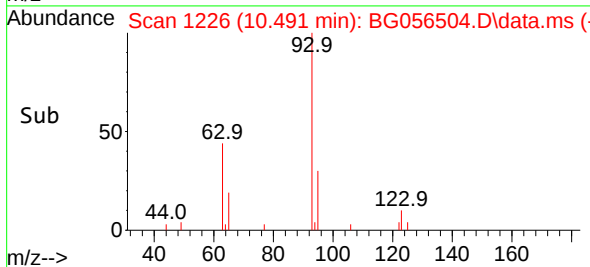
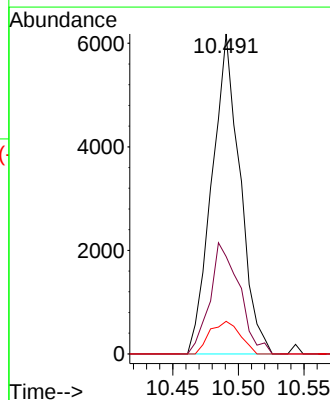
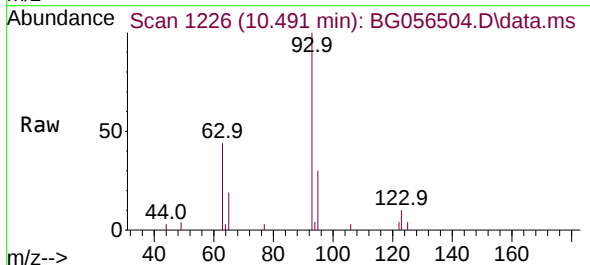
RT: 10.491 min Scan# 1226

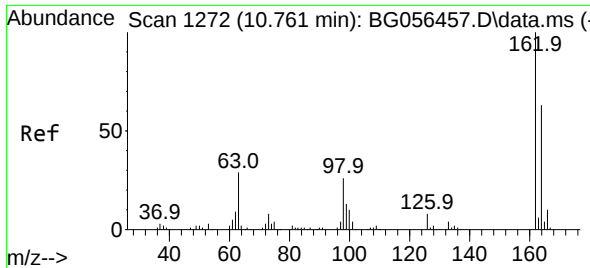
Delta R.T. 0.000 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.4	27.9	41.9
123	10.2	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 4.544 ng

RT: 10.755 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

Instrument :

BNA_G

ClientSampleId :

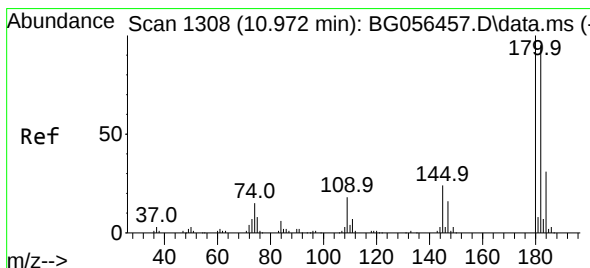
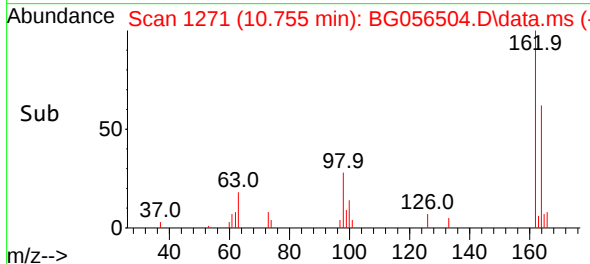
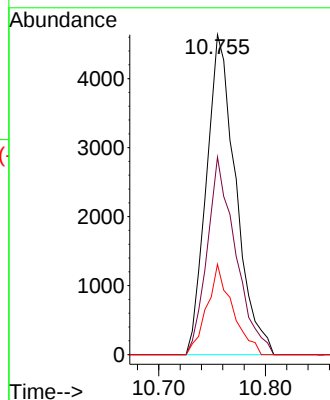
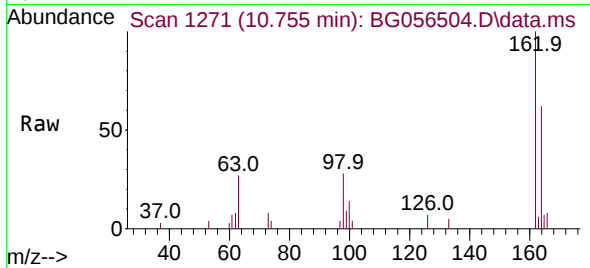
MDL-WATER-03-QT3-2022

Tgt Ion:162	Resp:	886
Ion Ratio	Lower	Upper
162	100	
164	61.7	42.8 82.8
98	28.2	6.5 46.5

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 4.828 ng

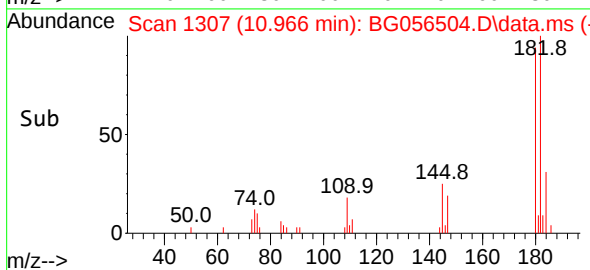
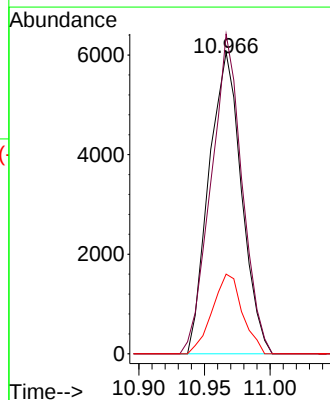
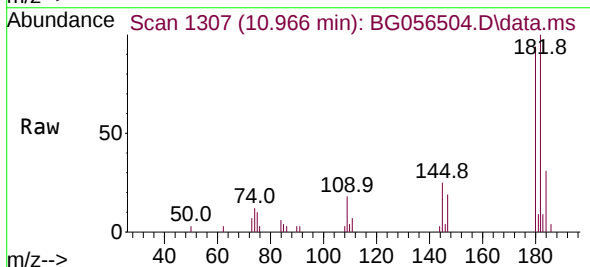
RT: 10.966 min Scan# 1307

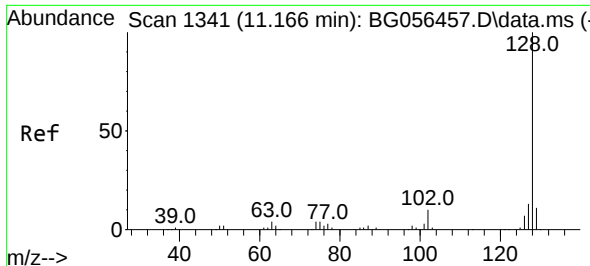
Delta R.T. 0.000 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

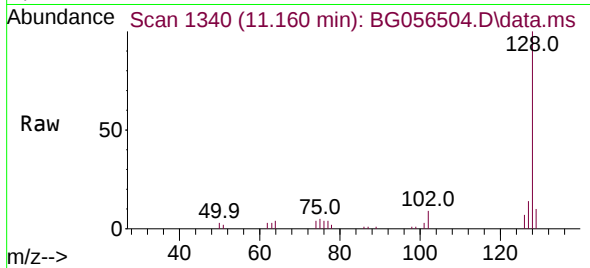
Tgt Ion:180	Resp:	10467
Ion Ratio	Lower	Upper
180	100	
182	115.4	75.9 113.9#
145	26.5	19.4 29.0





#31
Naphthalene
Concen: 4.759 ng
RT: 11.160 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

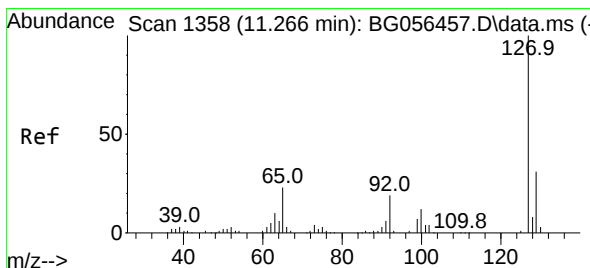
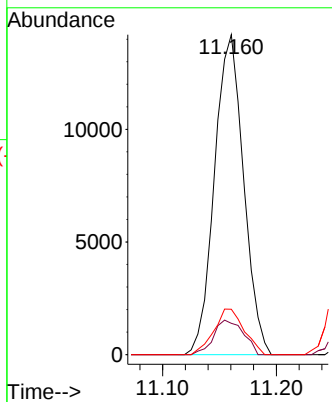
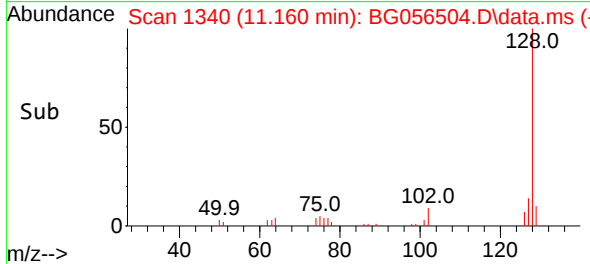
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



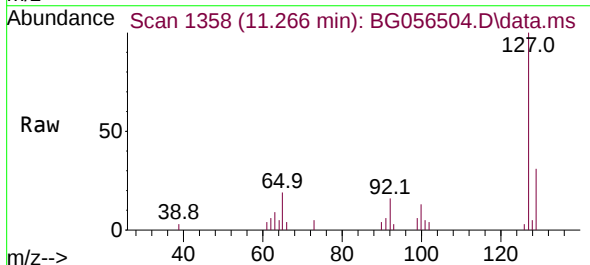
Tgt Ion:128 Resp: 25243
Ion Ratio Lower Upper
128 100
129 9.8 8.7 13.1
127 14.2 10.4 15.6

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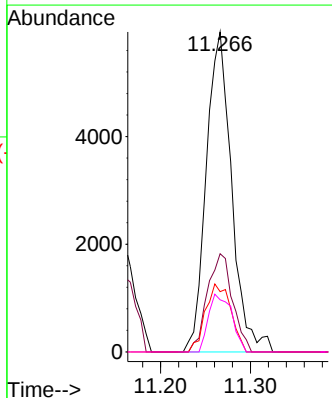
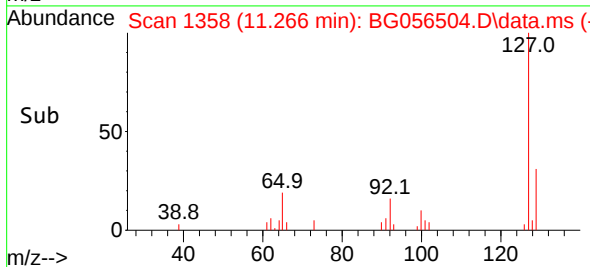
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

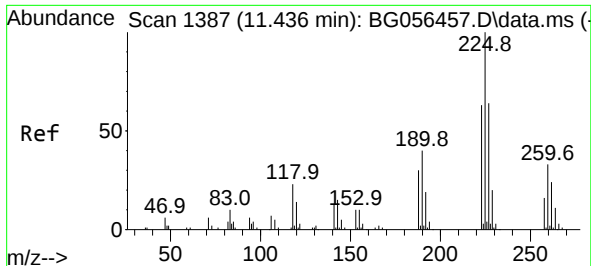


#33
4-Chloroaniline
Concen: 4.707 ng
RT: 11.266 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43



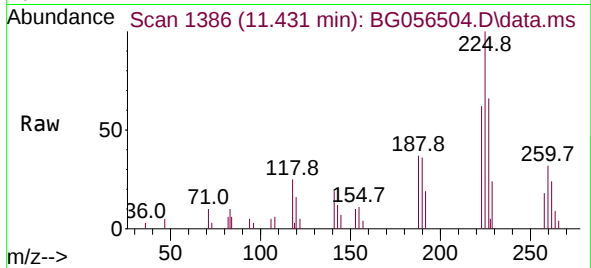
Tgt Ion:127 Resp: 11653
Ion Ratio Lower Upper
127 100
129 30.7 25.0 37.6
65 18.9 18.5 27.7
92 16.3 15.2 22.8





#34
Hexachlorobutadiene
Concen: 5.497 ng
RT: 11.431 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

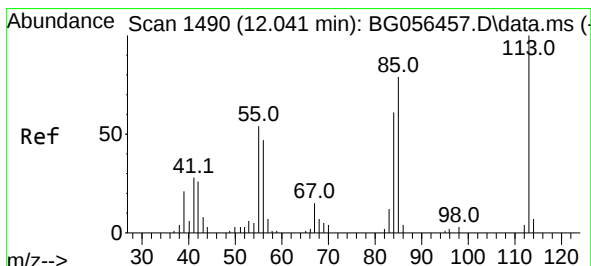
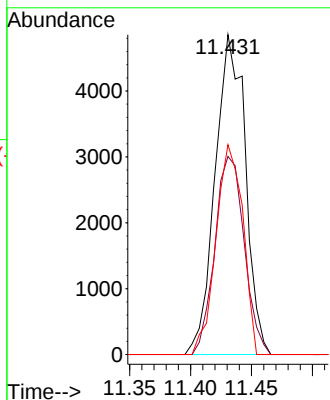
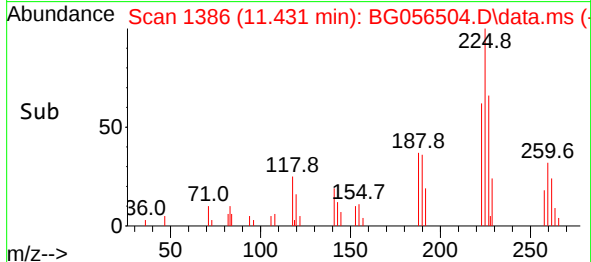
Instrument : BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:225 Resp: 8365
Ion Ratio Lower Upper
225 100
223 61.9 50.6 75.8
227 70.6 53.7 80.5

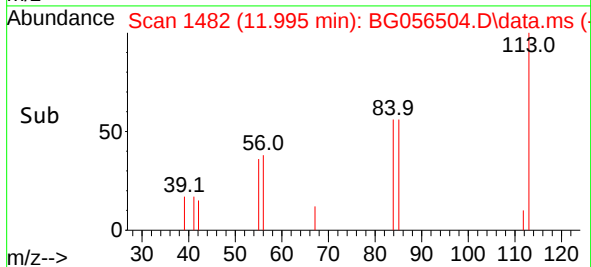
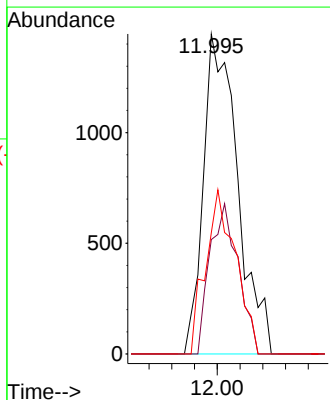
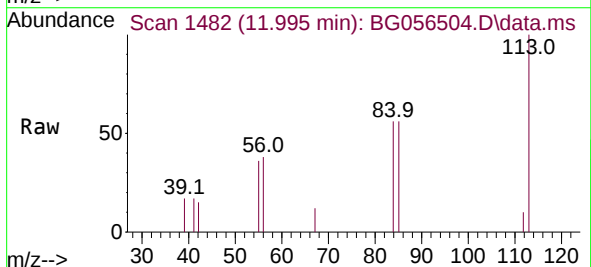
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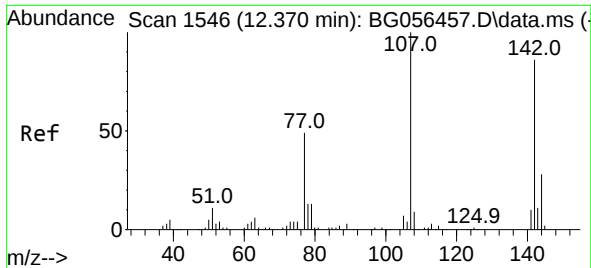
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#35
Caprolactam
Concen: 4.599 ng
RT: 11.995 min Scan# 1482
Delta R.T. -0.035 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

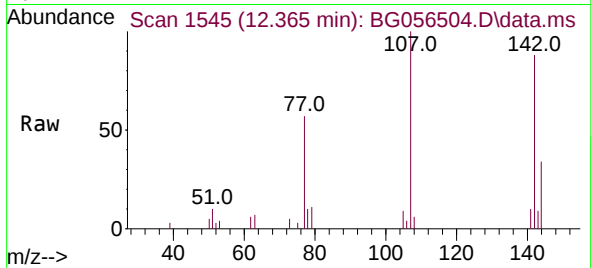
Tgt Ion:113 Resp: 3026
Ion Ratio Lower Upper
113 100
55 35.8 33.7 73.7
56 37.9 27.1 67.1





#36
4-Chloro-3-methylphenol
Concen: 4.390 ng
RT: 12.365 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

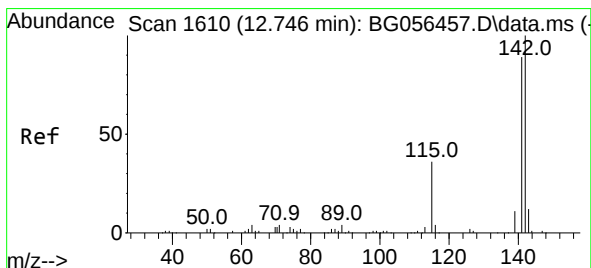
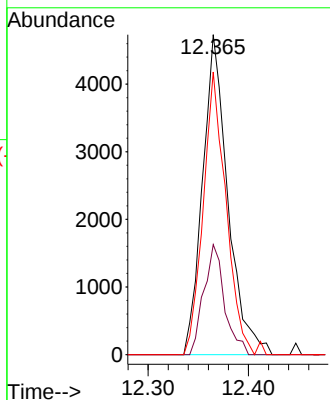
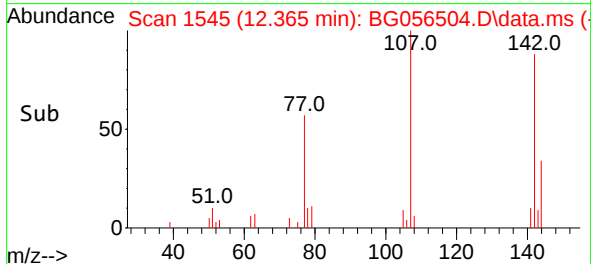
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



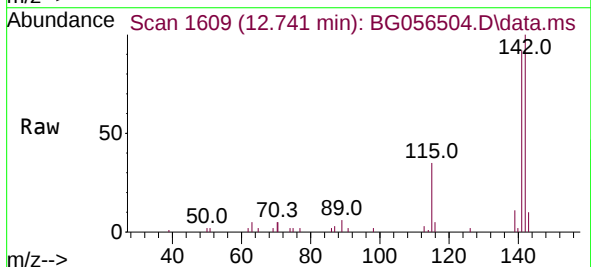
Tgt Ion:107 Resp: 8272
Ion Ratio Lower Upper
107 100
144 34.4 22.3 33.5
142 88.3 68.9 103.3

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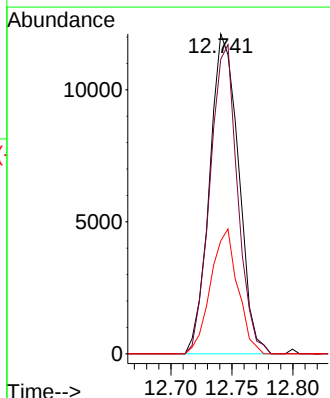
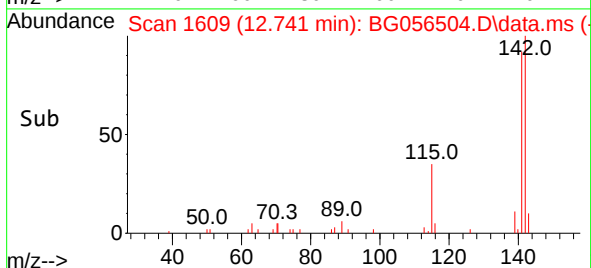
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

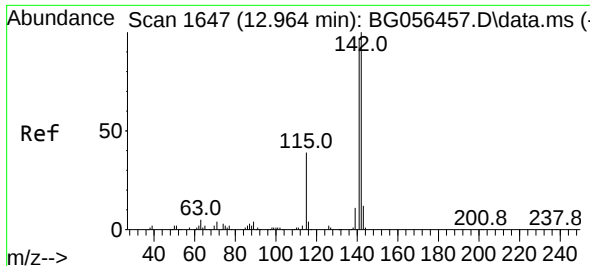


#37
2-Methylnaphthalene
Concen: 4.581 ng
RT: 12.741 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43



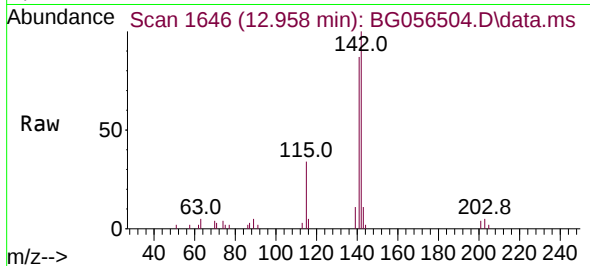
Tgt Ion:142 Resp: 20030
Ion Ratio Lower Upper
142 100
141 92.1 71.4 107.0
115 35.3 28.4 42.6





#38
1-Methylnaphthalene
Concen: 4.736 ng m
RT: 12.958 min Scan# 1646
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

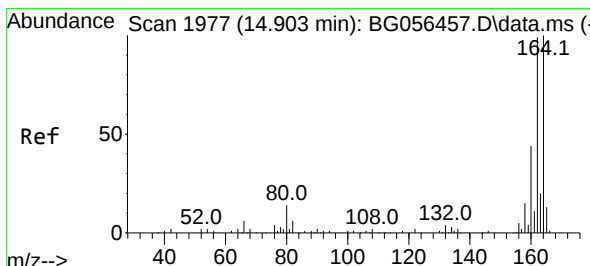
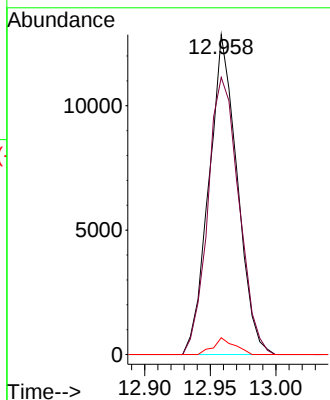
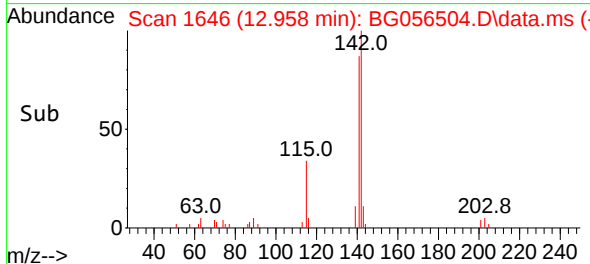
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT3-2022



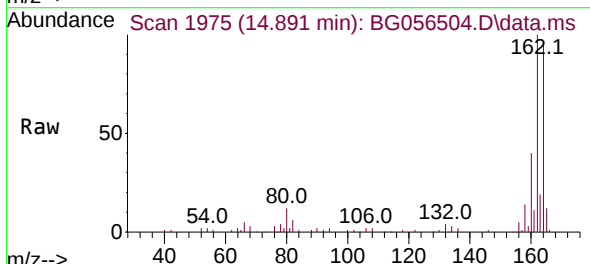
Tgt Ion:142 Resp: 1934
Ion Ratio Lower Upper
142 100
141 86.6 77.7 116.5
116 5.3 3.4 5.2

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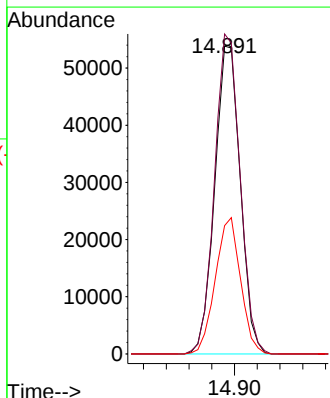
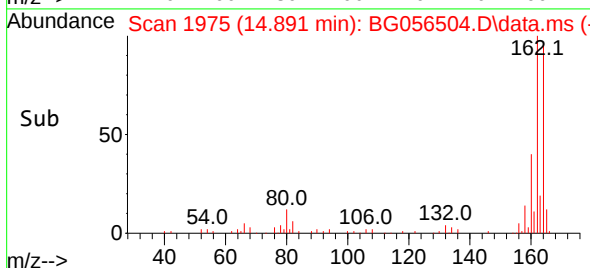
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

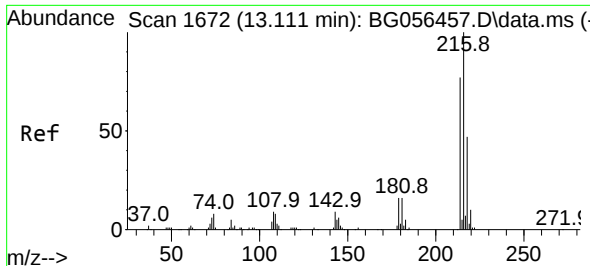


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.891 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43



Tgt Ion:164 Resp: 84052
Ion Ratio Lower Upper
164 100
162 104.0 79.6 119.4
160 41.7 34.9 52.3





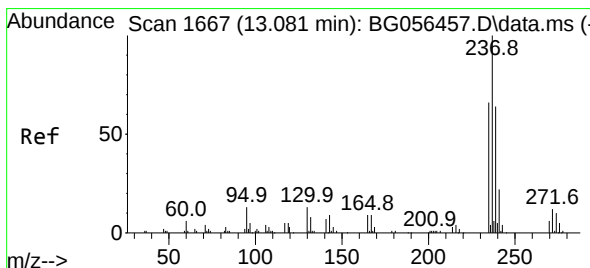
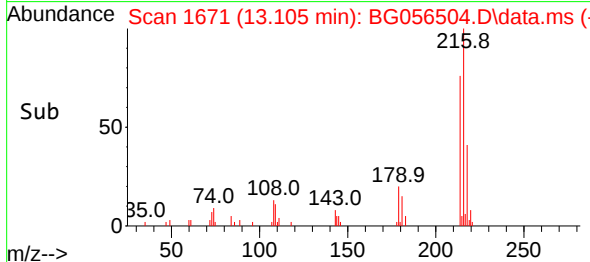
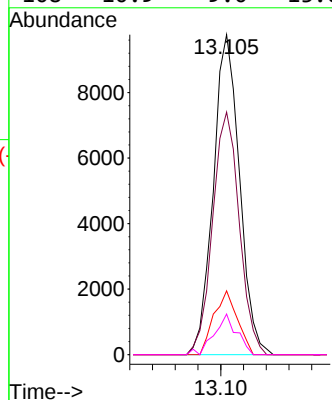
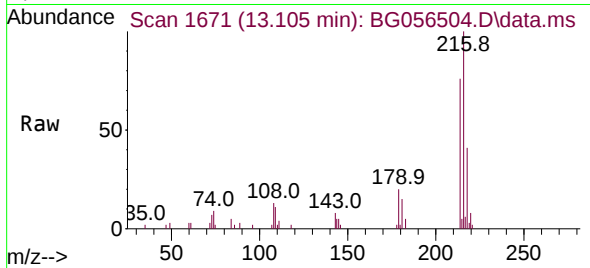
#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.090 ng
RT: 13.105 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.9	63.0	94.6
179	17.8	14.1	21.1
108	10.9	9.0	13.6

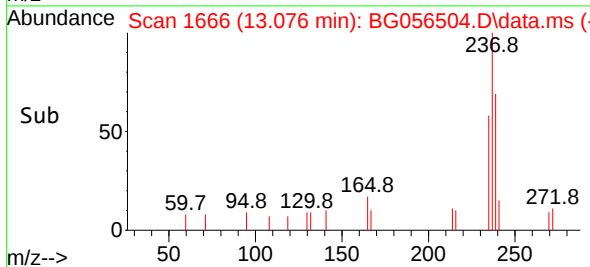
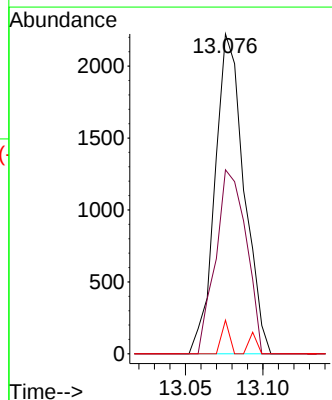
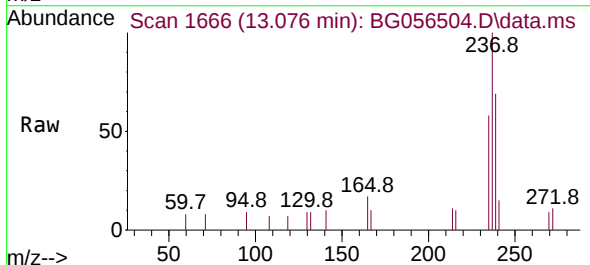
Manual Integrations
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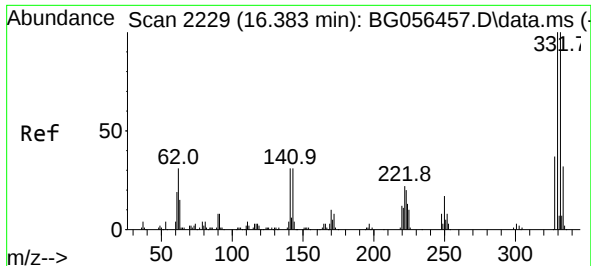
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#41
Hexachlorocyclopentadiene
Concen: 8.014 ng
RT: 13.076 min Scan# 1666
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

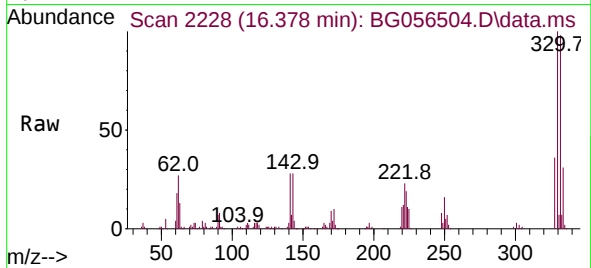
Tgt Ion	Ratio	Lower	Upper
237	100		
235	57.5	45.6	85.6
272	10.5	0.0	32.3





#42
2,4,6-Tribromophenol
Concen: 131.195 ng
RT: 16.378 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

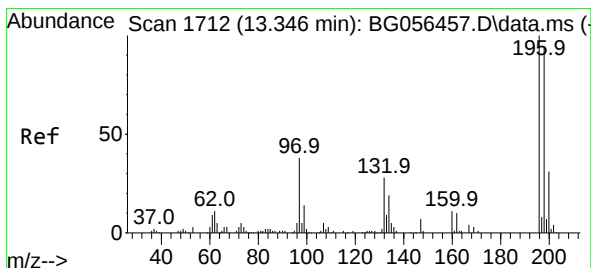
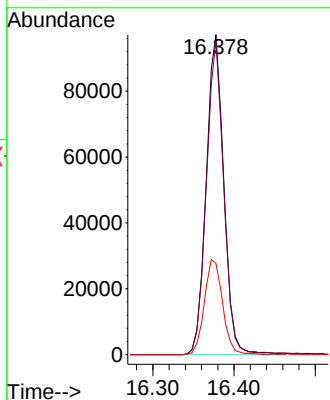
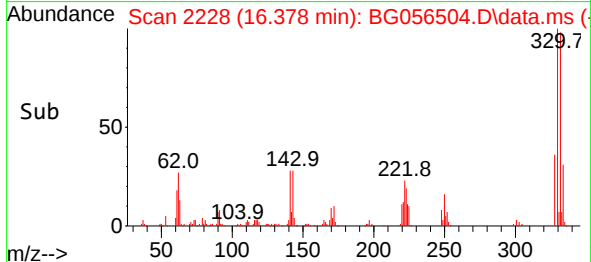
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



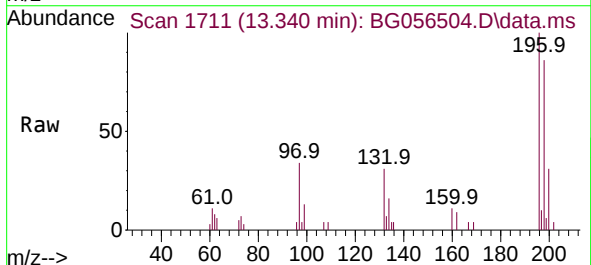
Tgt Ion:330 Resp: 146600
Ion Ratio Lower Upper
330 100
332 96.6 79.0 118.6
141 30.7 24.2 36.4

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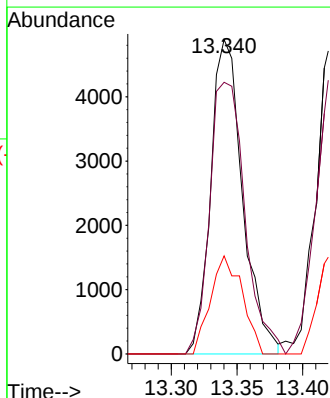
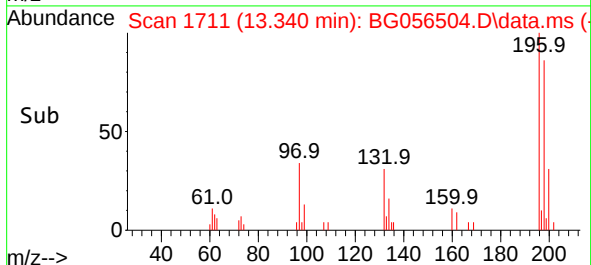
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

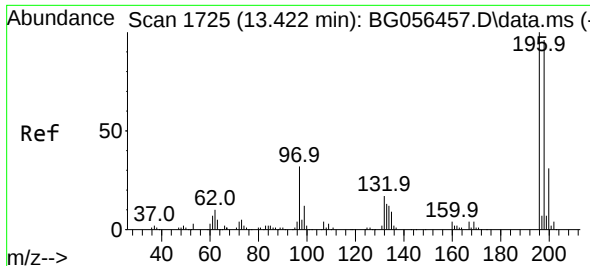


#43
2,4,6-Trichlorophenol
Concen: 4.177 ng
RT: 13.340 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43



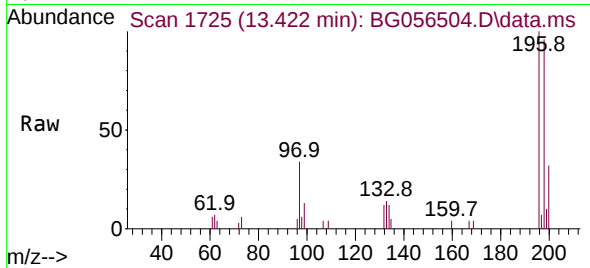
Tgt Ion:196 Resp: 8265
Ion Ratio Lower Upper
196 100
198 86.4 75.4 113.0
200 31.2 25.0 37.6





#44
2,4,5-Trichlorophenol
Concen: 4.172 ng
RT: 13.422 min Scan# 1725
Delta R.T. 0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

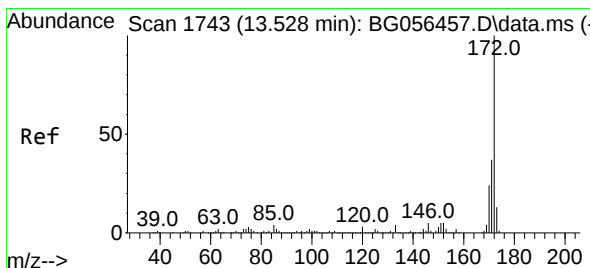
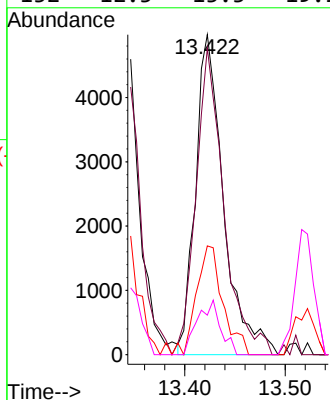
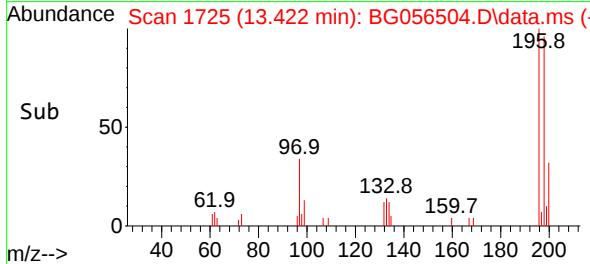
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:196 Resp: 9660
Ion Ratio Lower Upper
196 100
198 95.7 76.9 115.3
97 34.0 25.8 38.6
132 12.3 13.3 19.9#

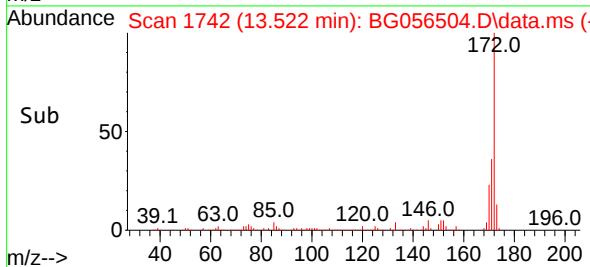
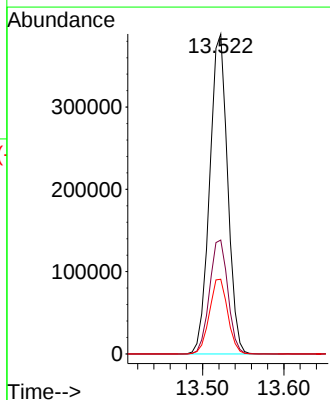
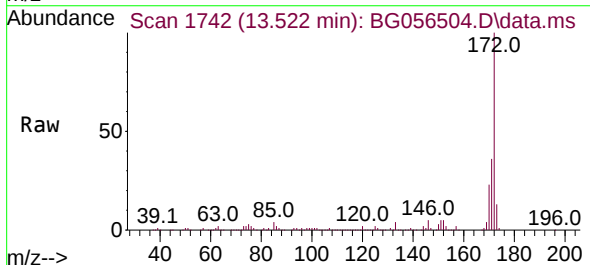
Manual Integrations
APPROVED

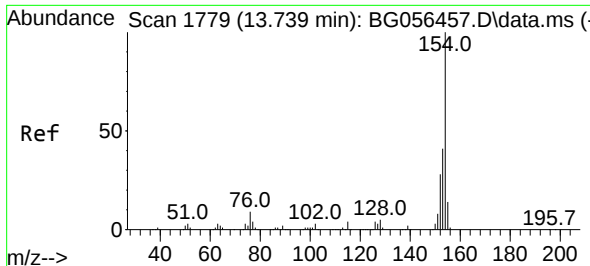
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#45
2-Fluorobiphenyl
Concen: 98.283 ng
RT: 13.522 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

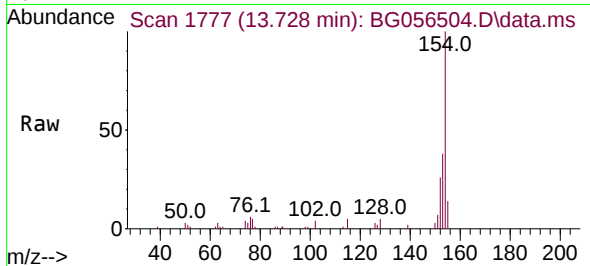
Tgt Ion:172 Resp: 595840
Ion Ratio Lower Upper
172 100
171 35.6 29.5 44.3
170 23.3 19.2 28.8





#46
1,1'-Biphenyl
Concen: 5.140 ng
RT: 13.728 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

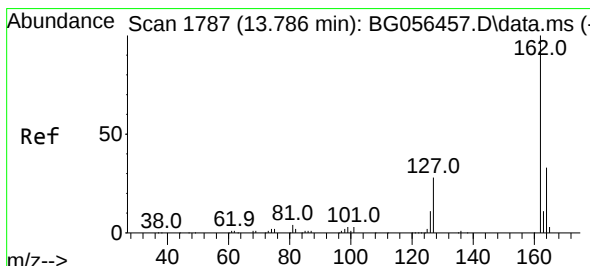
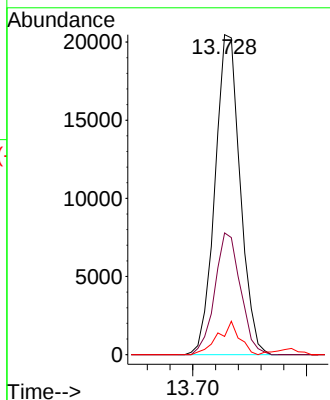
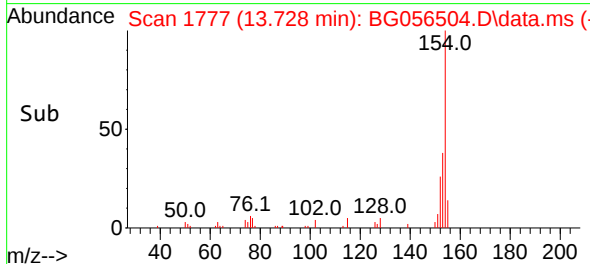
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT3-2022



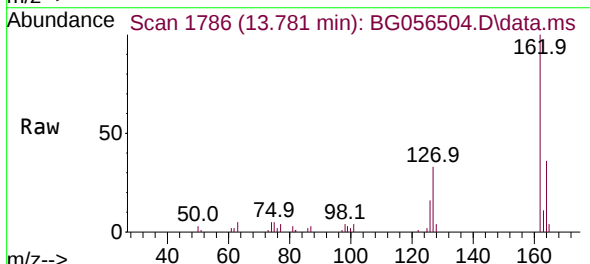
Tgt Ion:154 Resp: 31335
Ion Ratio Lower Upper
154 100
153 38.0 21.5 61.5
76 5.7 0.0 28.8

Manual Integrations
APPROVED

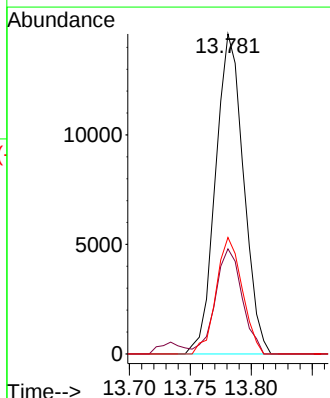
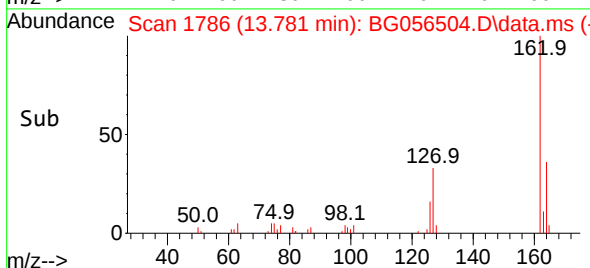
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

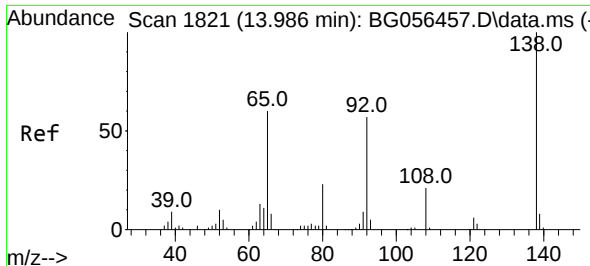


#47
2-Chloronaphthalene
Concen: 4.900 ng
RT: 13.781 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43



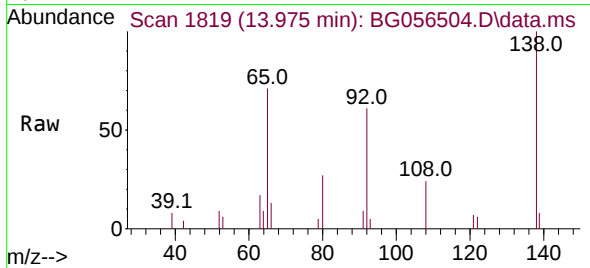
Tgt Ion:162 Resp: 23349
Ion Ratio Lower Upper
162 100
127 32.8 25.2 37.8
164 36.4 26.2 39.2





#48
2-Nitroaniline
Concen: 4.069 ng
RT: 13.975 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

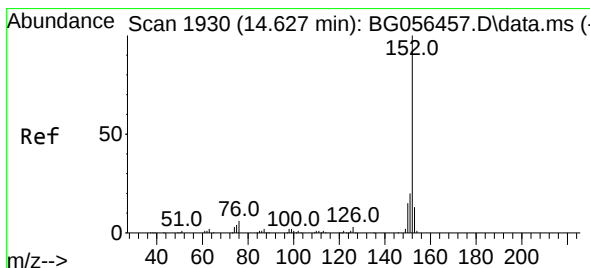
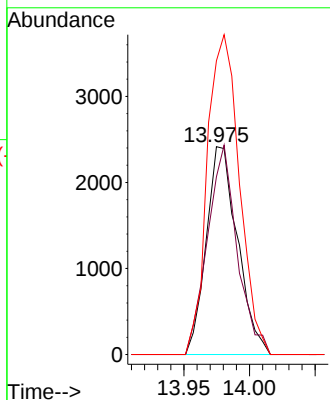
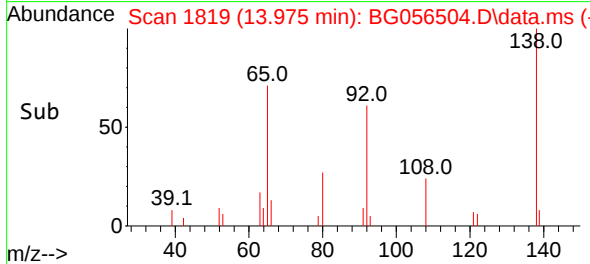
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion: 65 Resp: 4008
Ion Ratio Lower Upper
65 100
92 85.6 75.8 113.6
138 141.3 133.2 199.8

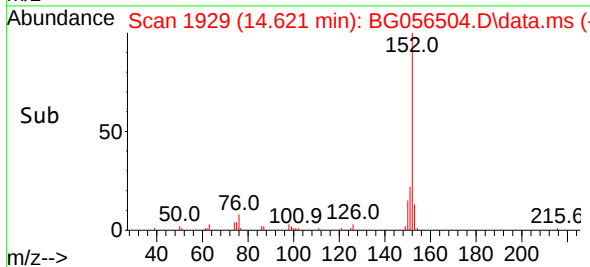
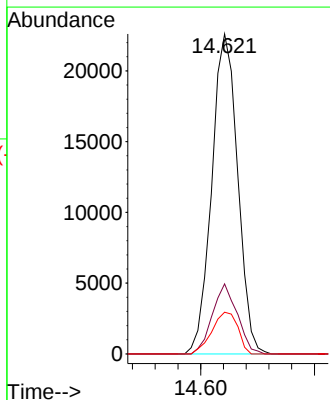
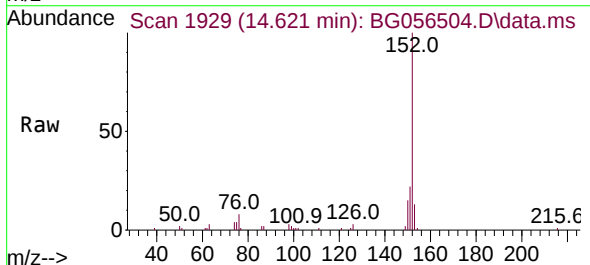
Manual Integrations
APPROVED

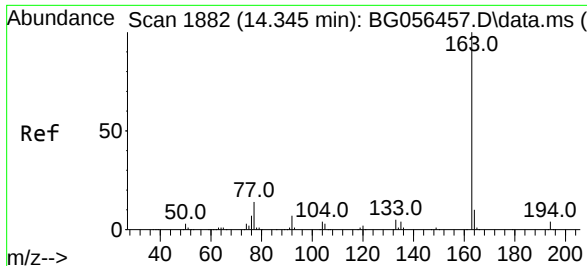
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#49
Acenaphthylene
Concen: 4.612 ng
RT: 14.621 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

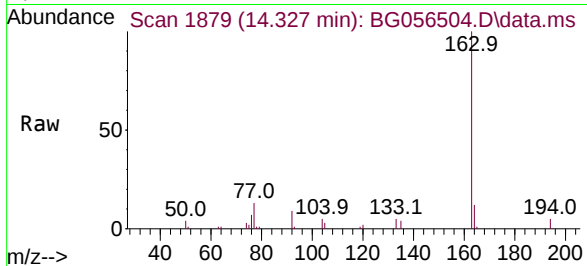
Tgt Ion:152 Resp: 35758
Ion Ratio Lower Upper
152 100
151 21.9 15.9 23.9
153 13.0 10.5 15.7





#50
Dimethylphthalate
Concen: 4.639 ng
RT: 14.327 min Scan# 1882
Delta R.T. -0.012 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

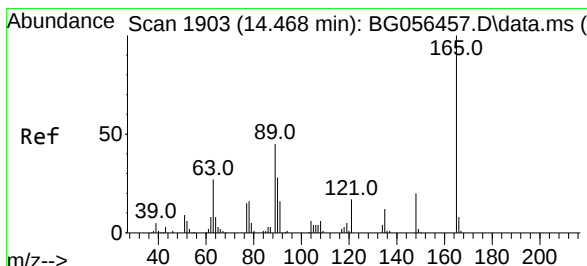
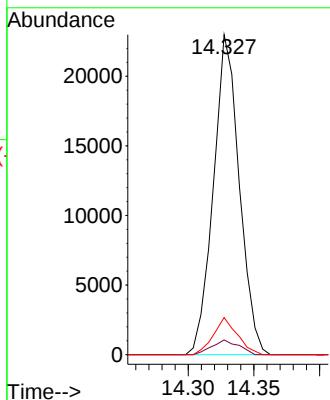
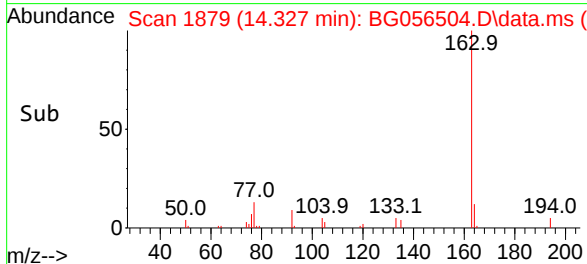
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:163 Resp: 31548
Ion Ratio Lower Upper
163 100
194 4.6 3.5 5.3
164 11.6 8.1 12.1

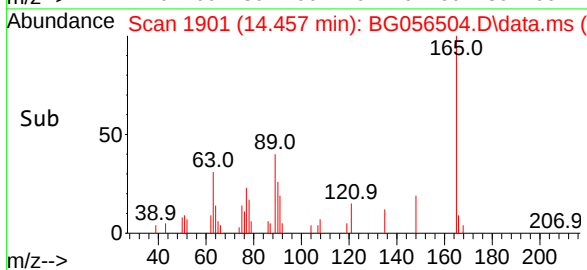
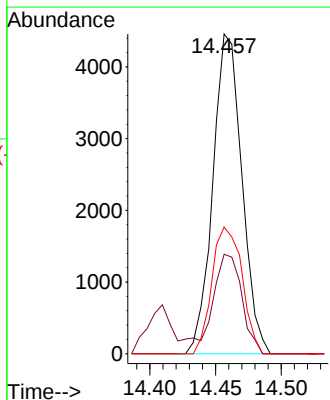
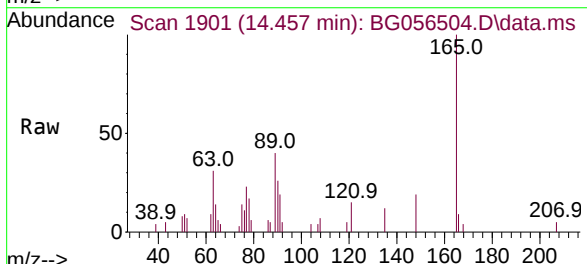
Manual Integrations
APPROVED

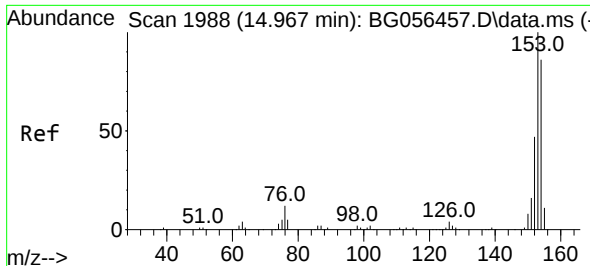
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#51
2,6-Dinitrotoluene
Concen: 4.633 ng
RT: 14.457 min Scan# 1901
Delta R.T. -0.012 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

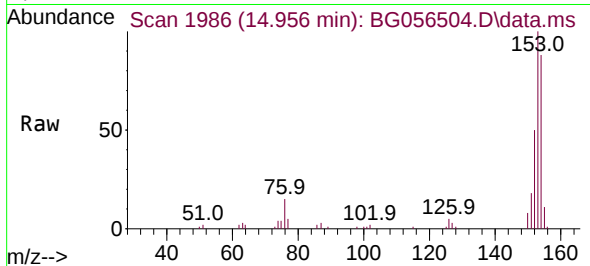
Tgt Ion:165 Resp: 6871
Ion Ratio Lower Upper
165 100
63 31.1 26.9 40.3
89 39.6 35.6 53.4





#52
Acenaphthene
Concen: 4.708 ng
RT: 14.956 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

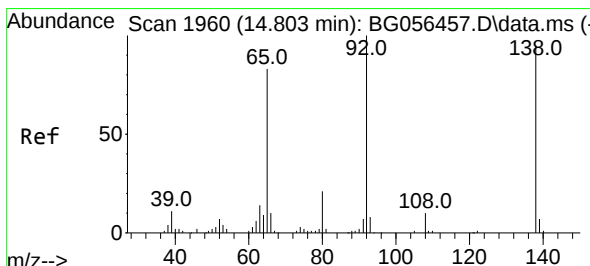
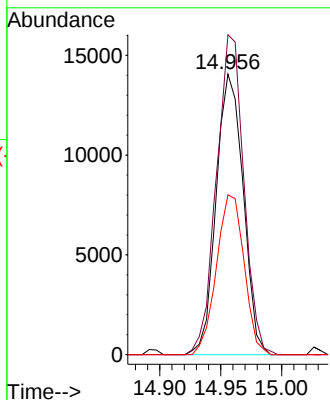
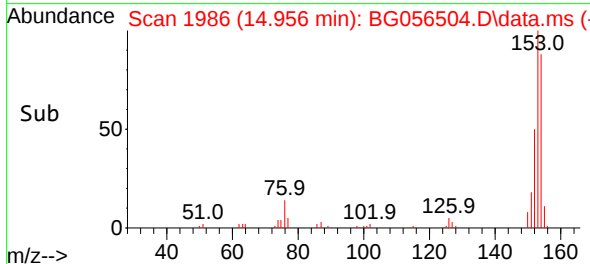
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



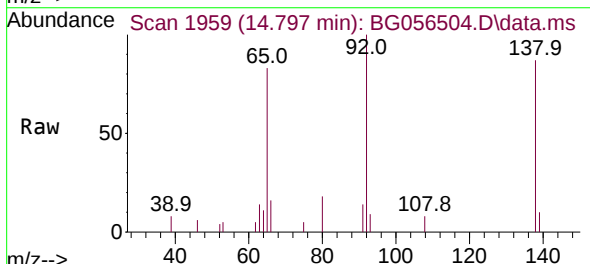
Tgt Ion:154 Resp: 21644
Ion Ratio Lower Upper
154 100
153 114.1 93.4 140.0
152 57.0 43.4 65.2

Manual Integrations
APPROVED

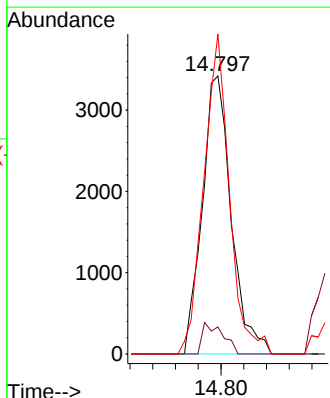
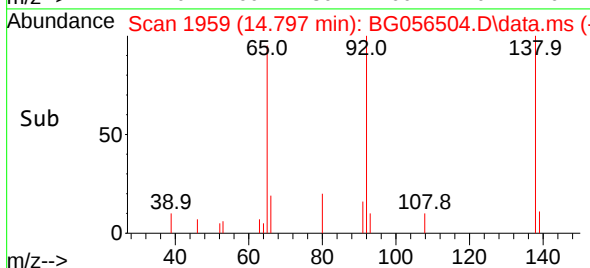
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

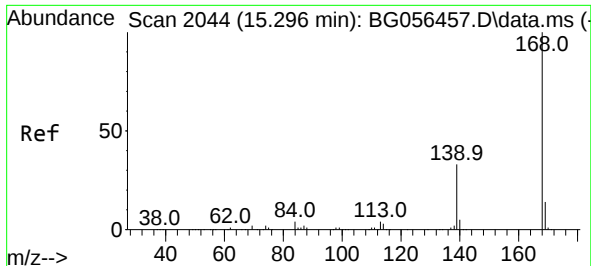


#53
3-Nitroaniline
Concen: 4.210 ng
RT: 14.797 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43



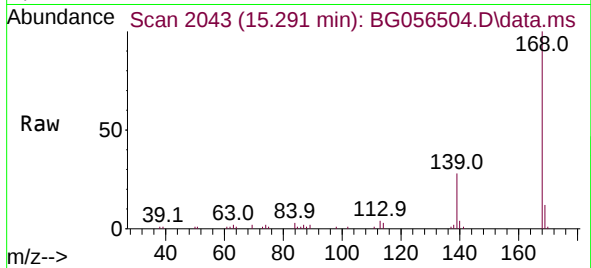
Tgt Ion:138 Resp: 6052
Ion Ratio Lower Upper
138 100
108 9.7 8.0 12.0
92 115.1 84.1 126.1





#55
Dibenzofuran
Concen: 4.850 ng
RT: 15.291 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

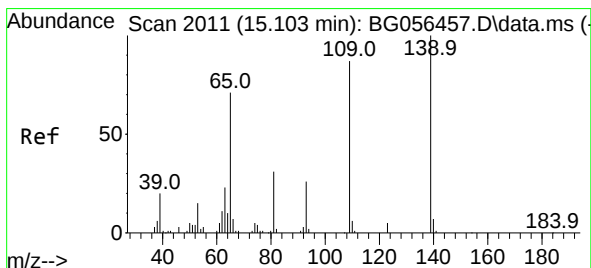
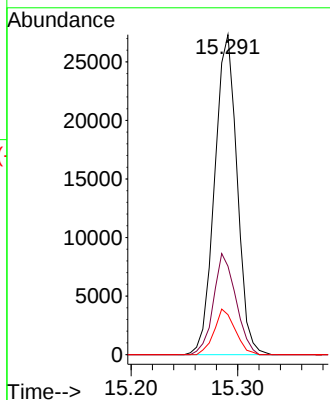
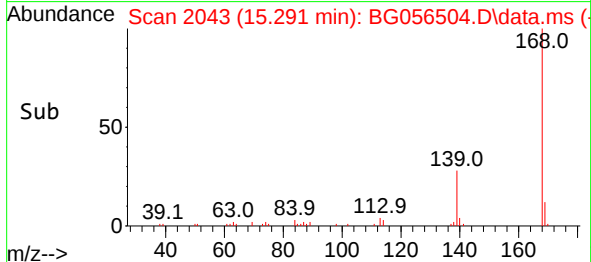
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:168 Resp: 39990
Ion Ratio Lower Upper
168 100
139 27.6 26.2 39.2
169 12.5 11.0 16.6

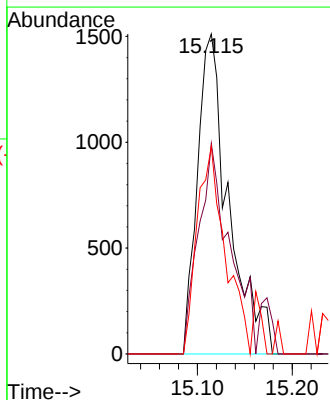
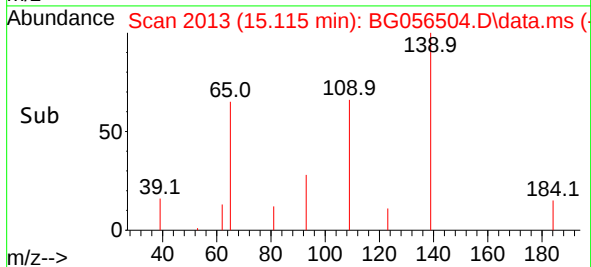
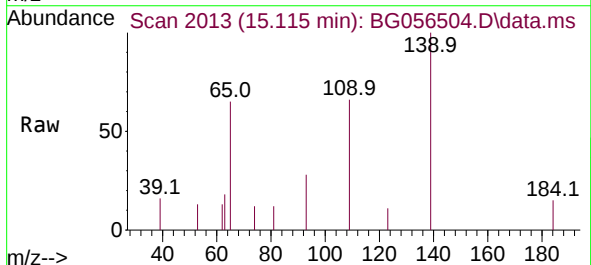
Manual Integrations
APPROVED

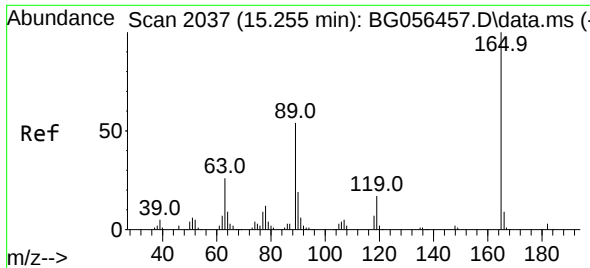
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#56
4-Nitrophenol
Concen: 3.549 ng
RT: 15.115 min Scan# 2013
Delta R.T. 0.018 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

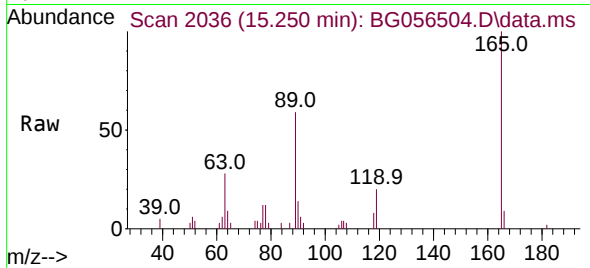
Tgt Ion:139 Resp: 3486
Ion Ratio Lower Upper
139 100
109 65.8 67.5 107.5#
65 64.9 50.7 90.7





#57
2,4-Dinitrotoluene
Concen: 4.537 ng
RT: 15.250 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

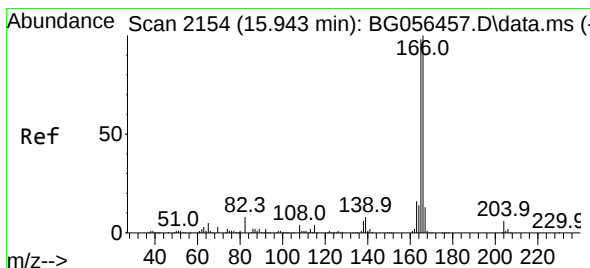
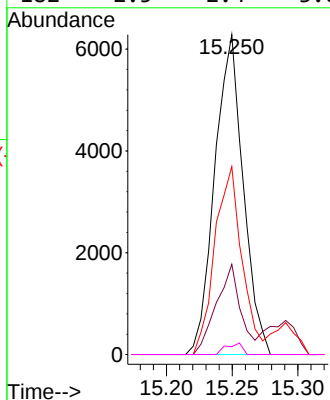
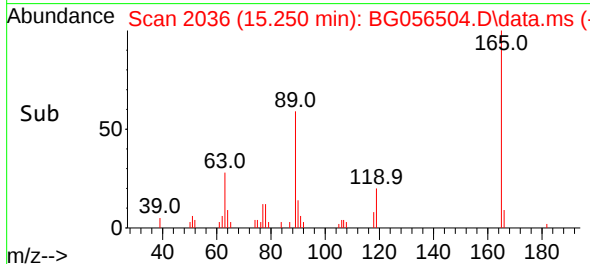
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:165 Resp: 947
Ion Ratio Lower Upper
165 100
63 28.2 20.6 31.0
89 58.7 43.1 64.7
182 2.5 2.4 3.6

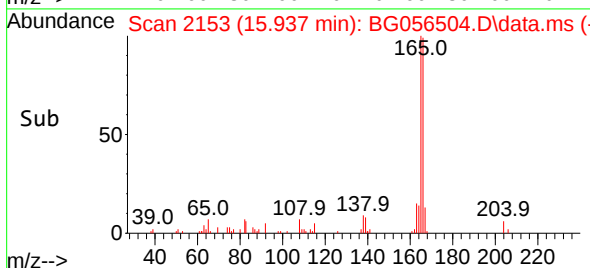
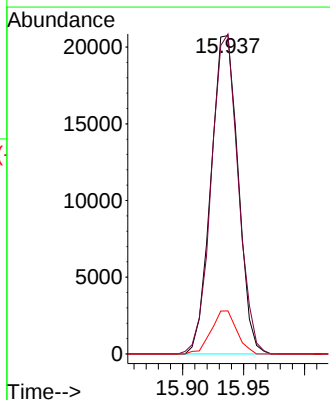
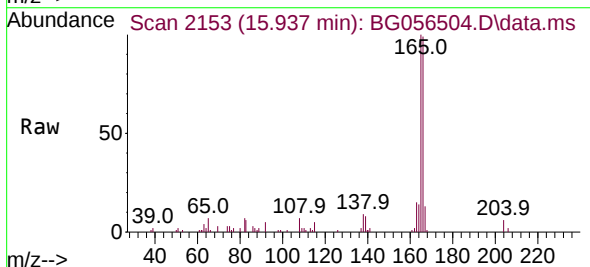
Manual Integrations
APPROVED

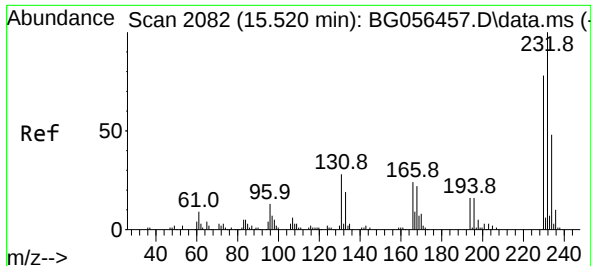
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#58
Fluorene
Concen: 4.893 ng
RT: 15.937 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

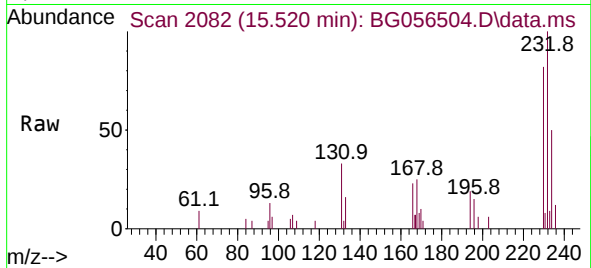
Tgt Ion:166 Resp: 32099
Ion Ratio Lower Upper
166 100
165 100.5 78.8 118.2
167 13.5 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.999 ng
RT: 15.520 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

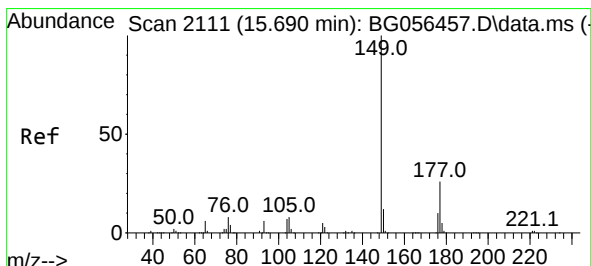
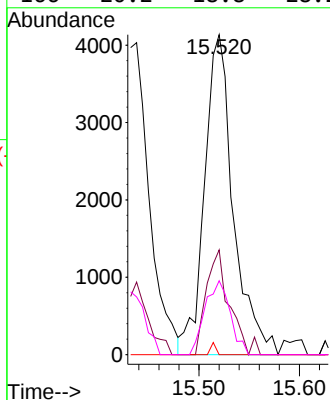
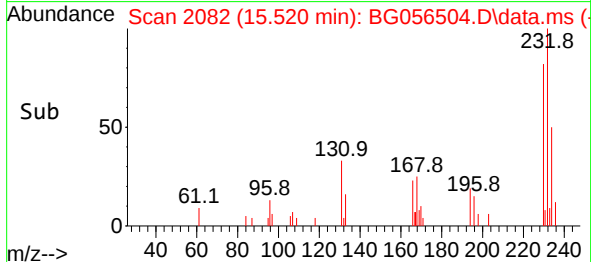
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



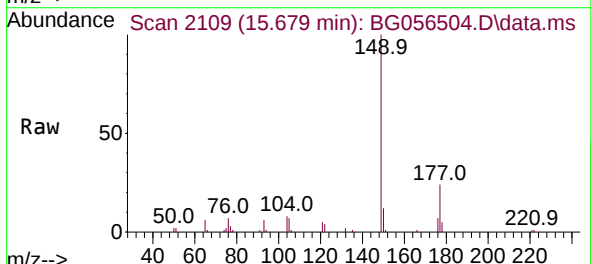
Tgt Ion:232 Resp: 8238
Ion Ratio Lower Upper
232 100
131 26.4 22.8 34.2
130 0.7 1.4 2.0
166 20.2 18.8 28.2

Manual Integrations
APPROVED

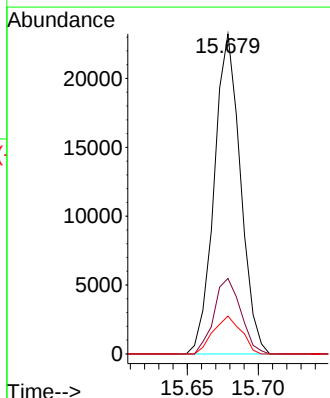
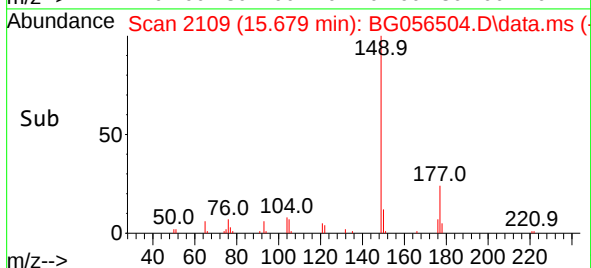
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

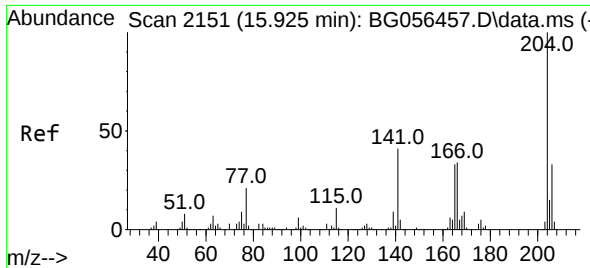


#60
Diethylphthalate
Concen: 4.683 ng
RT: 15.679 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43



Tgt Ion:149 Resp: 29904
Ion Ratio Lower Upper
149 100
177 23.6 21.0 31.4
150 11.8 9.9 14.9





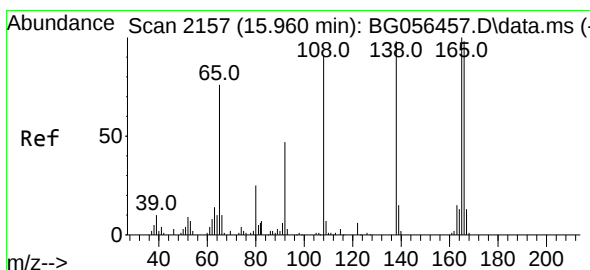
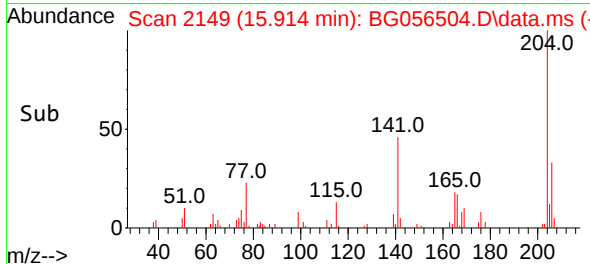
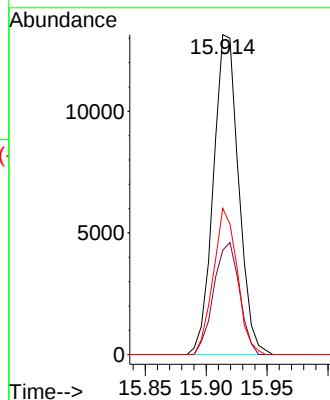
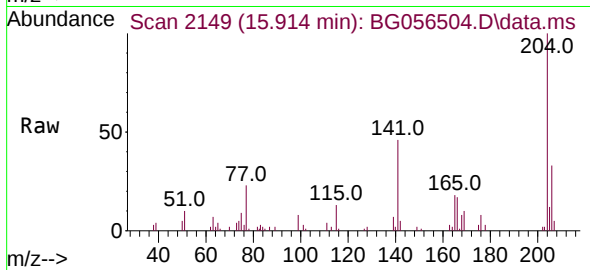
#61
4-Chlorophenyl-phenylether
Concen: 4.743 ng
RT: 15.914 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022

Tgt Ion:204 Resp: 18989
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.4
141 45.7 32.7 49.1

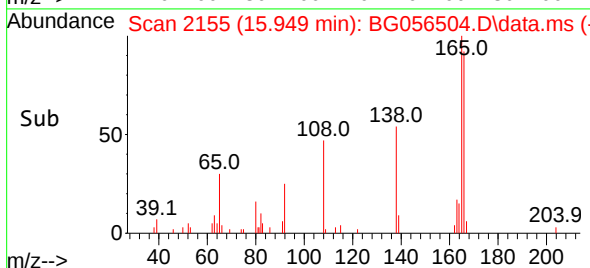
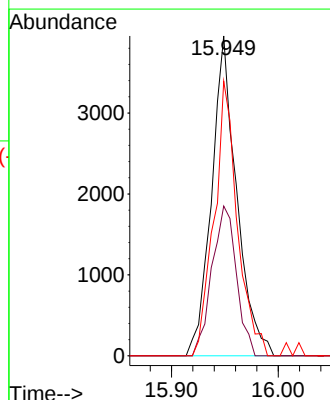
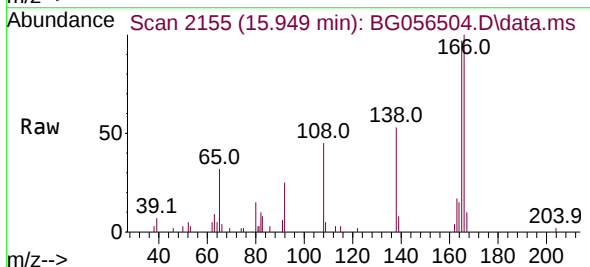
Manual Integrations
APPROVED

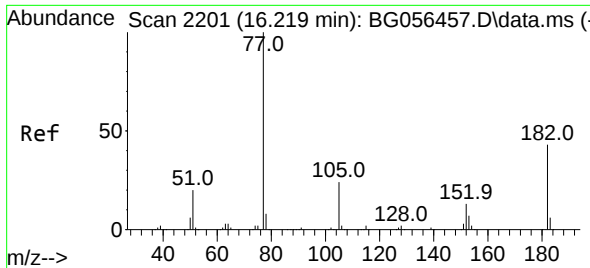
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#62
4-Nitroaniline
Concen: 4.501 ng
RT: 15.949 min Scan# 2155
Delta R.T. -0.012 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

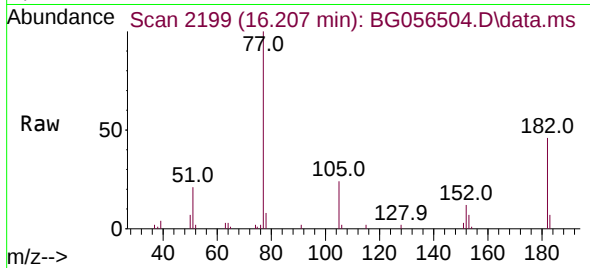
Tgt Ion:138 Resp: 6475
Ion Ratio Lower Upper
138 100
92 46.8 27.8 67.8
108 85.9 72.6 112.6





#63
Azobenzene
Concen: 4.679 ng
RT: 16.207 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

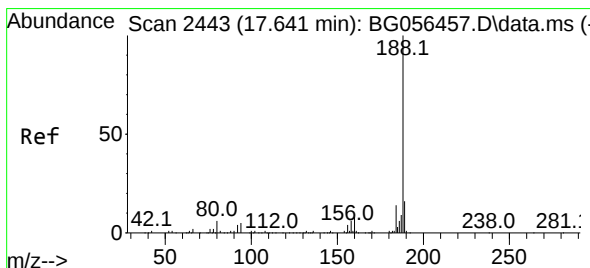
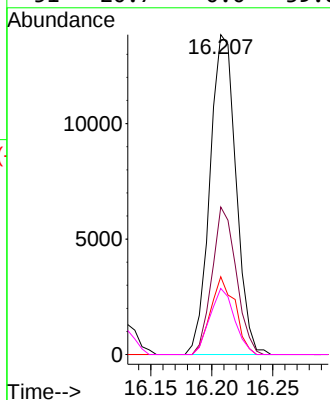
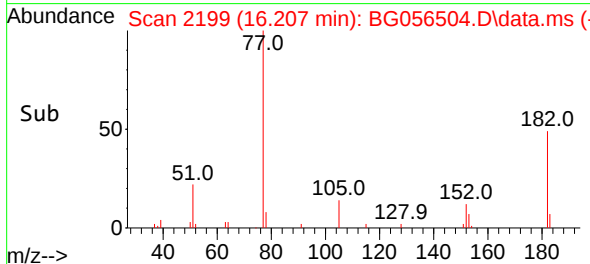
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT3-2022



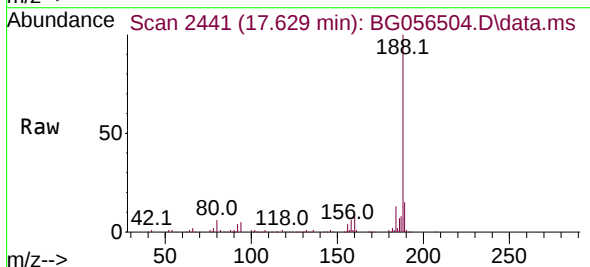
Tgt Ion: 77 Resp: 20560
Ion Ratio Lower Upper
77 100
182 46.1 23.1 63.1
105 24.3 4.2 44.2
51 20.7 0.0 39.8

Manual Integrations
APPROVED

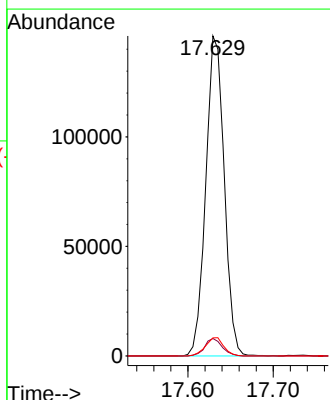
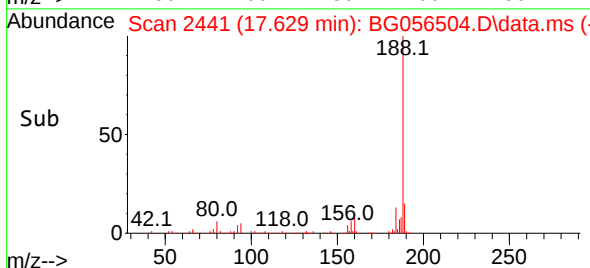
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

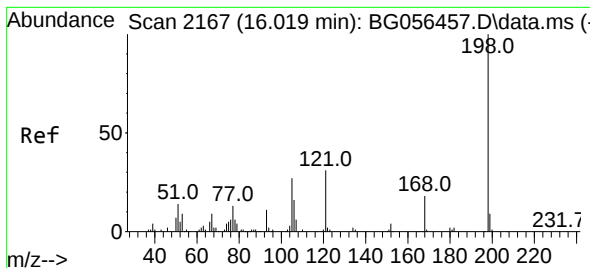


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.629 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43



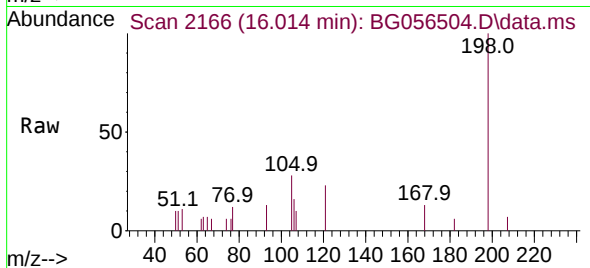
Tgt Ion:188 Resp: 218915
Ion Ratio Lower Upper
188 100
94 5.4 4.1 6.1
80 5.6 5.0 7.4





#65
4,6-Dinitro-2-methylphenol
Concen: 2.970 ng
RT: 16.014 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

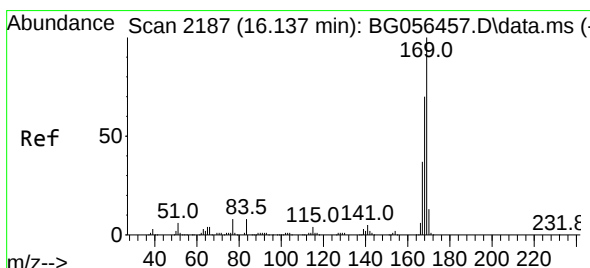
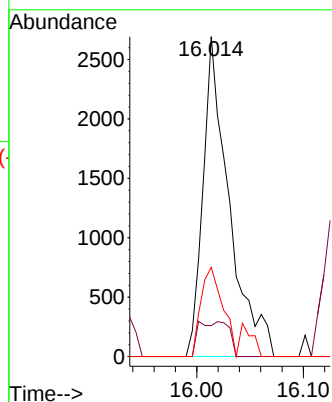
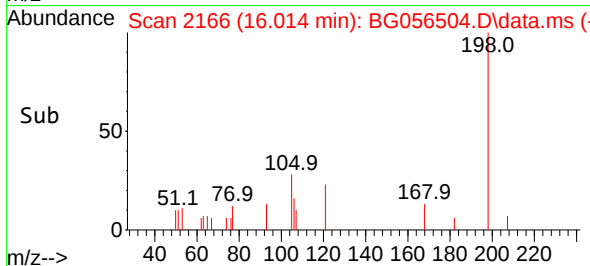
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



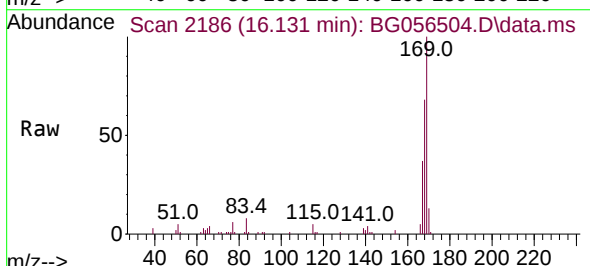
Tgt Ion:198 Resp: 4571
Ion Ratio Lower Upper
198 100
51 9.7 0.0 35.0
105 27.9 7.4 47.4

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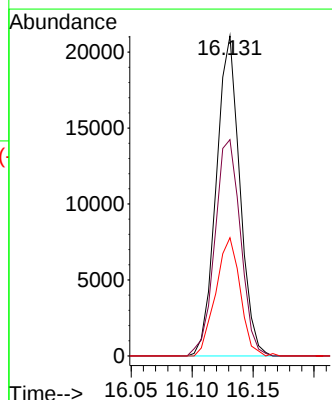
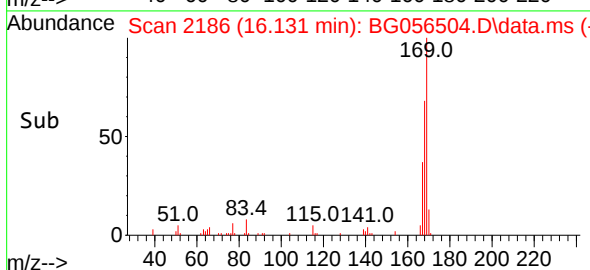
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

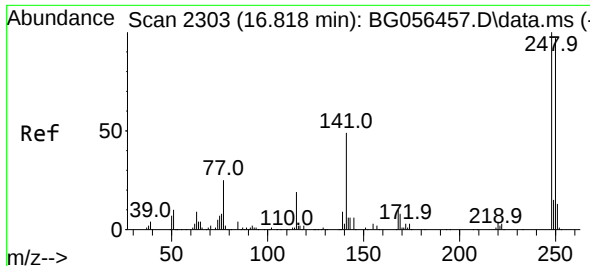


#66
n-Nitrosodiphenylamine
Concen: 4.567 ng
RT: 16.131 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43



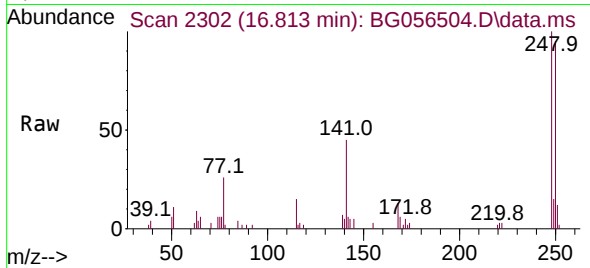
Tgt Ion:169 Resp: 28305
Ion Ratio Lower Upper
169 100
168 67.6 55.8 83.6
167 36.9 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 4.717 ng
RT: 16.813 min Scan# 2303
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

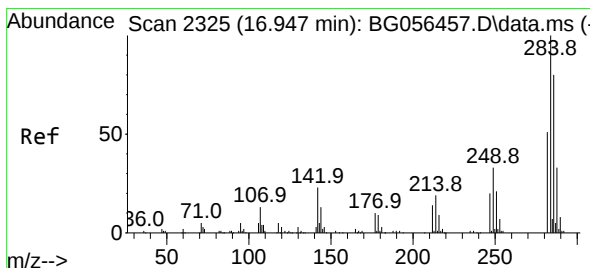
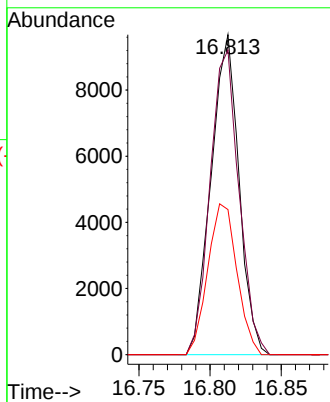
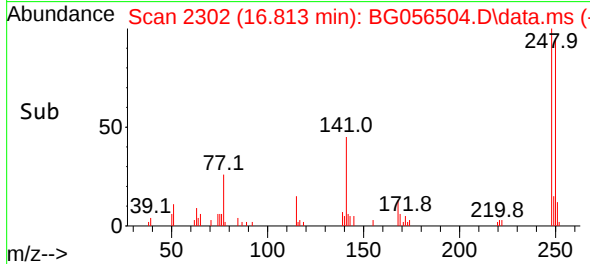
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



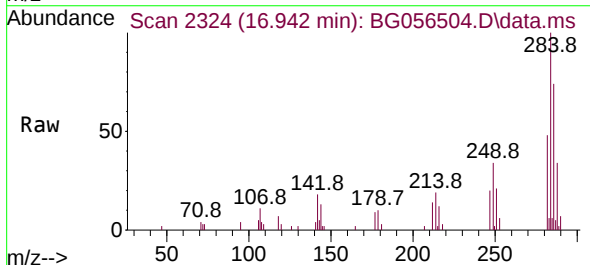
Tgt Ion:248 Resp: 13220
Ion Ratio Lower Upper
248 100
250 95.2 77.6 116.4
141 45.3 39.0 58.4

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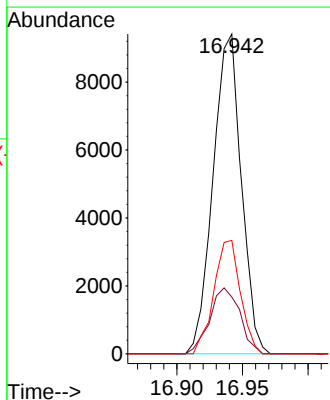
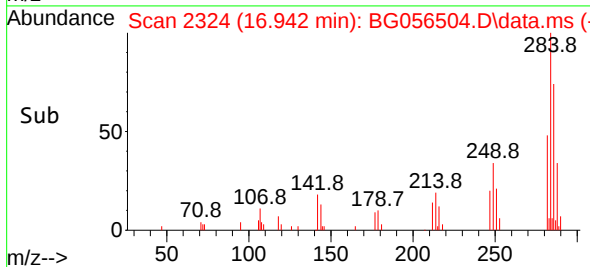
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

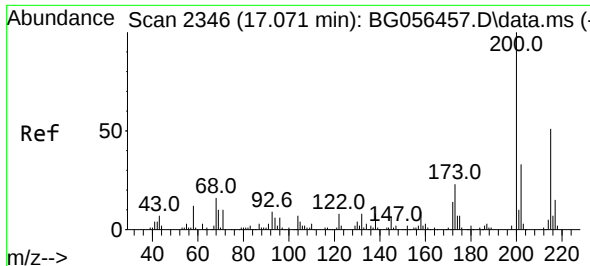


#68
Hexachlorobenzene
Concen: 5.131 ng
RT: 16.942 min Scan# 2324
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43



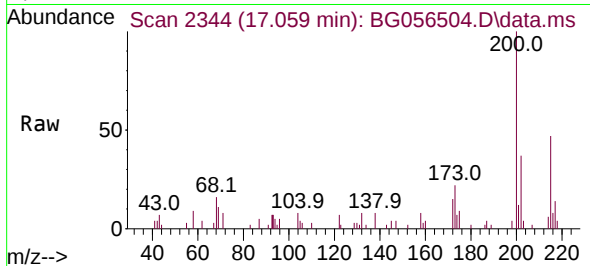
Tgt Ion:284 Resp: 14083
Ion Ratio Lower Upper
284 100
142 17.8 18.0 27.0#
249 35.5 26.7 40.1





#69
Atrazine
Concen: 5.335 ng
RT: 17.059 min Scan# 2346
Delta R.T. -0.012 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

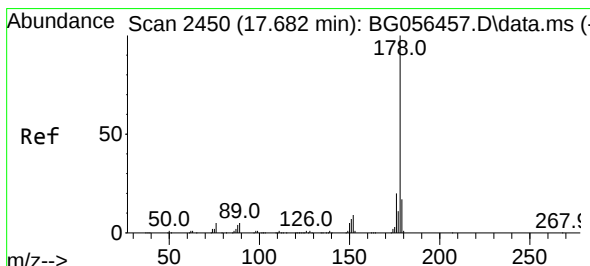
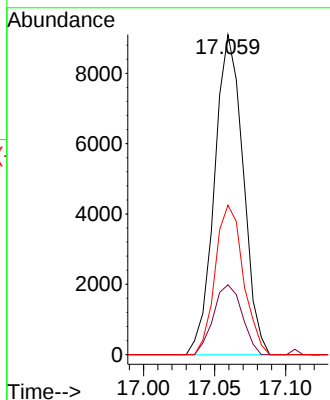
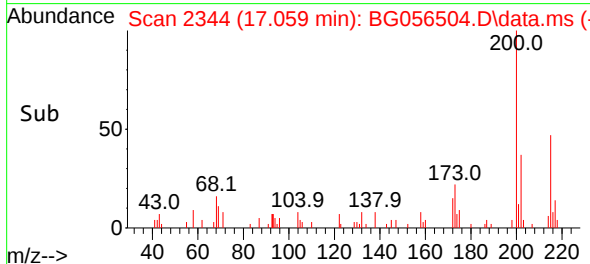
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT3-2022



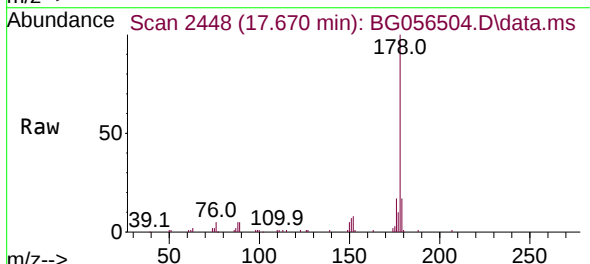
Tgt Ion:200 Resp: 12752
Ion Ratio Lower Upper
200 100
173 21.8 3.2 43.2
215 46.7 30.7 70.7

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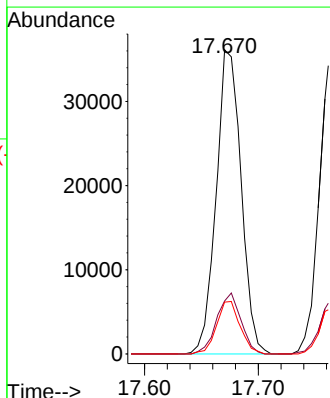
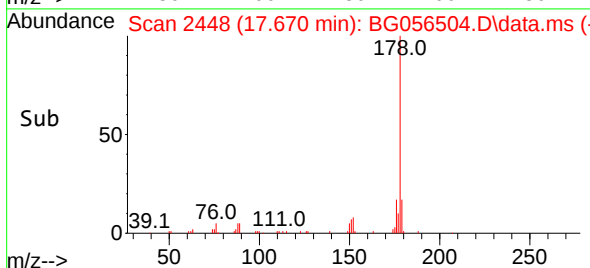
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

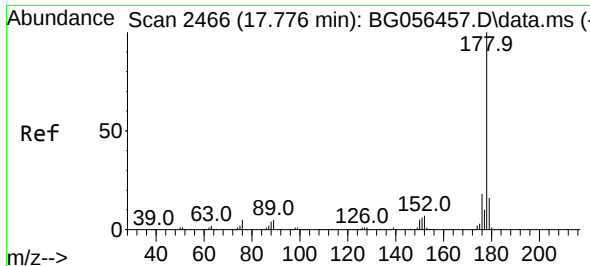


#71
Phenanthrene
Concen: 4.805 ng
RT: 17.670 min Scan# 2448
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43



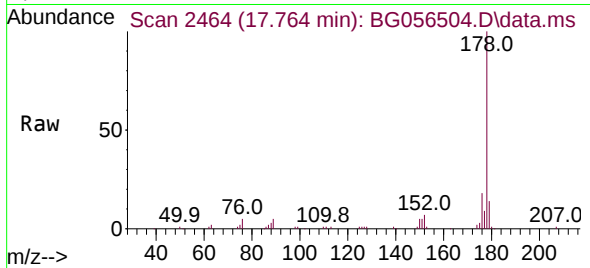
Tgt Ion:178 Resp: 55052
Ion Ratio Lower Upper
178 100
176 17.4 15.6 23.4
179 17.0 13.3 19.9





#72
 Anthracene
 Concen: 4.752 ng
 RT: 17.764 min Scan# 2466
 Delta R.T. -0.006 min
 Lab File: BG056504.D
 Acq: 1 Feb 2023 17:43

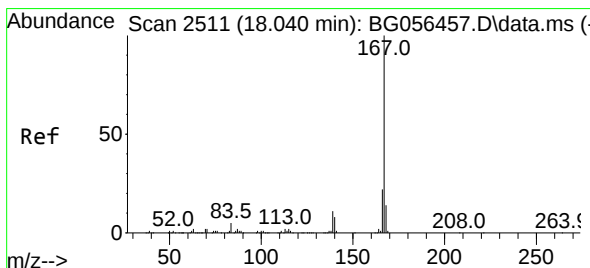
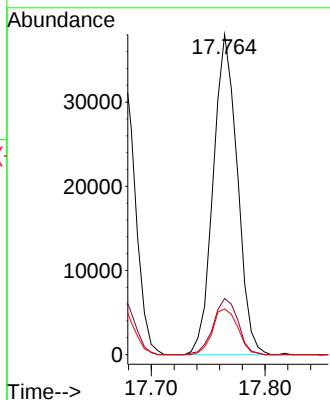
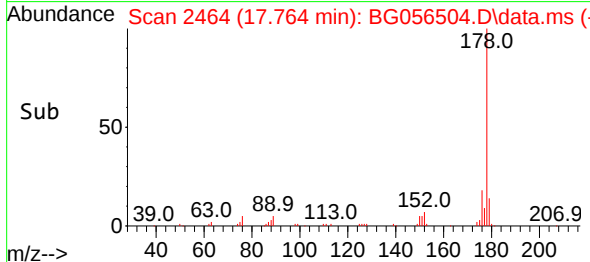
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2022



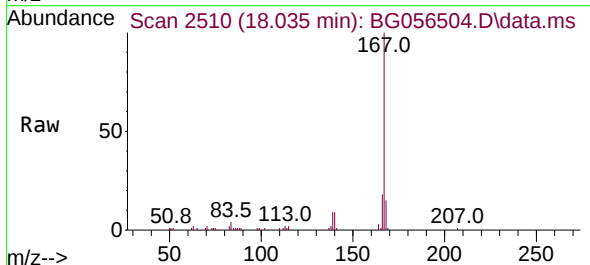
Tgt Ion:178 Resp: 55891
 Ion Ratio Lower Upper
 178 100
 176 17.5 14.5 21.7
 179 14.3 12.5 18.7

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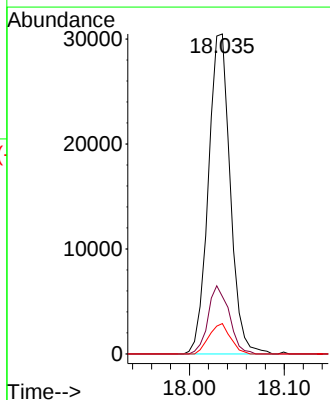
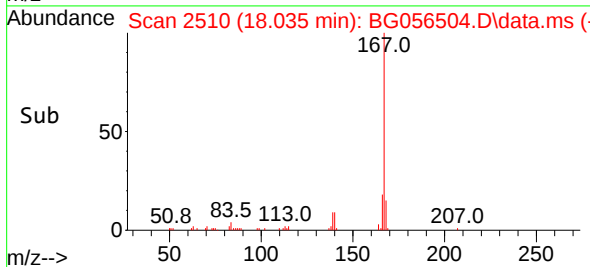
Reviewed By :Christian Giraldo 02/02/2023
 Supervised By :Jagrut Upadhyay 02/02/2023

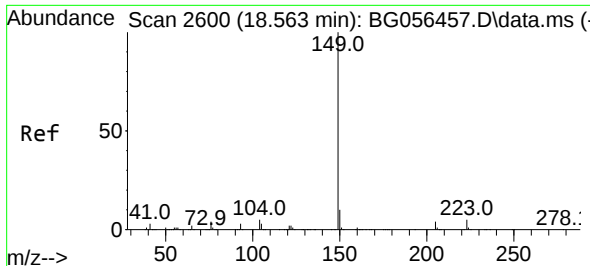


#73
 Carbazole
 Concen: 4.869 ng
 RT: 18.035 min Scan# 2510
 Delta R.T. 0.000 min
 Lab File: BG056504.D
 Acq: 1 Feb 2023 17:43



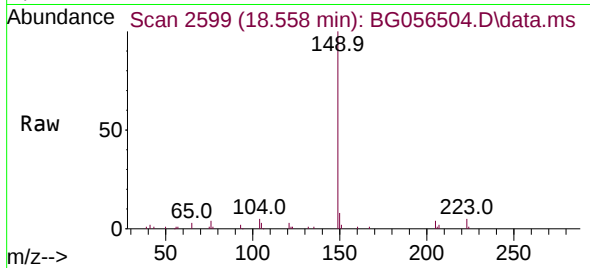
Tgt Ion:167 Resp: 48772
 Ion Ratio Lower Upper
 167 100
 166 17.9 17.8 26.6
 139 9.5 8.9 13.3





#74
Di-n-butylphthalate
Concen: 4.575 ng
RT: 18.558 min Scan# 2599
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

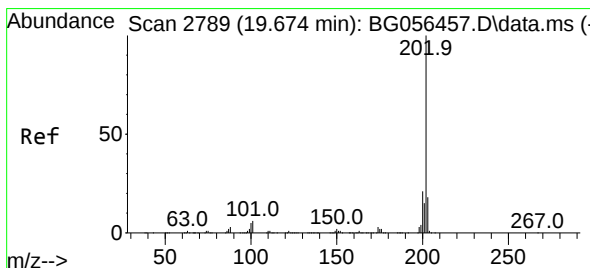
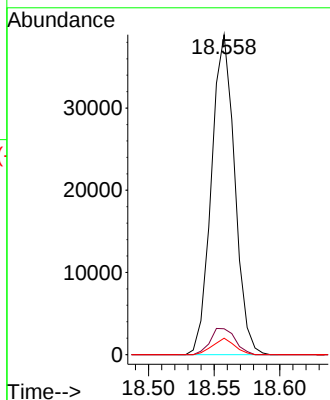
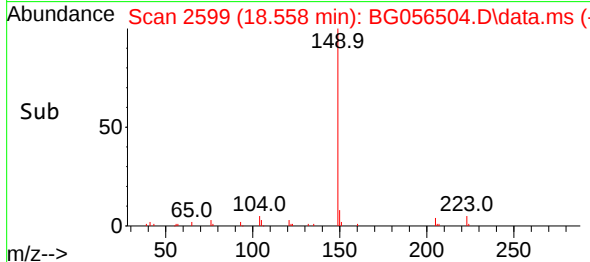
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:149 Resp: 48124
Ion Ratio Lower Upper
149 100
150 8.1 7.8 11.6
104 5.1 4.0 6.0

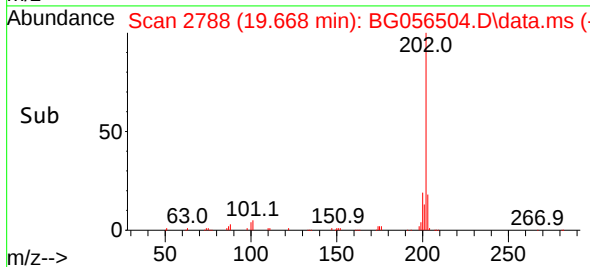
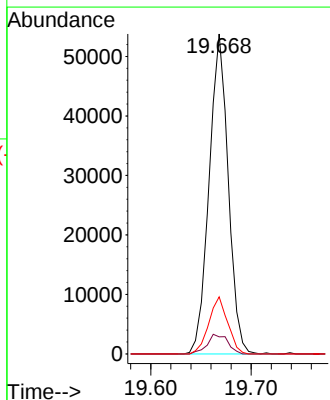
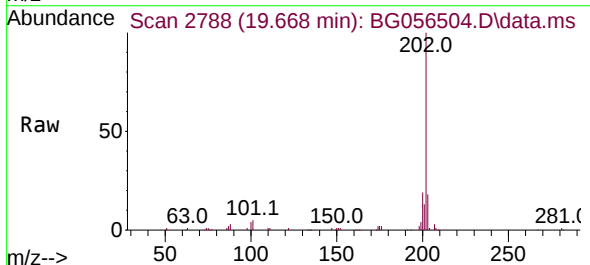
Manual Integrations
APPROVED

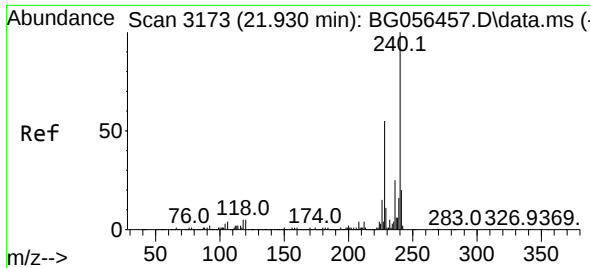
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#75
Fluoranthene
Concen: 4.918 ng
RT: 19.668 min Scan# 2788
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

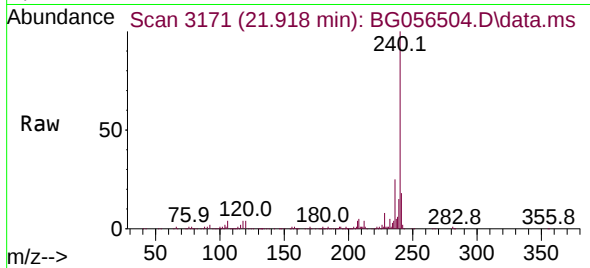
Tgt Ion:202 Resp: 71116
Ion Ratio Lower Upper
202 100
101 5.3 0.0 25.6
203 17.8 0.0 38.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.918 min Scan# 3171
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

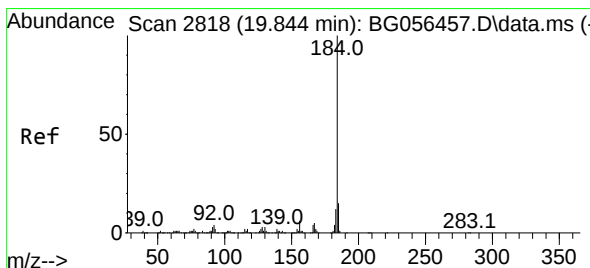
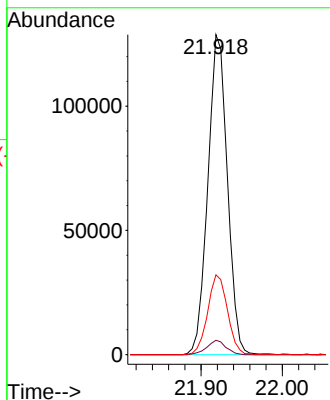
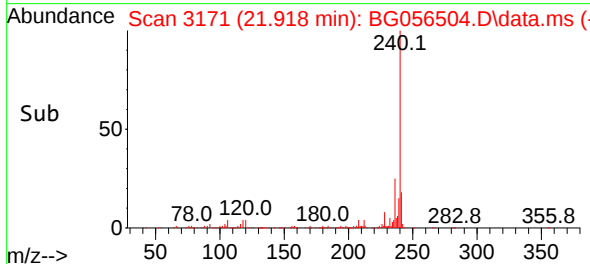
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT3-2022



Tgt Ion:240 Resp: 215076
Ion Ratio Lower Upper
240 100
120 4.5 3.8 5.8
236 24.9 20.2 30.2

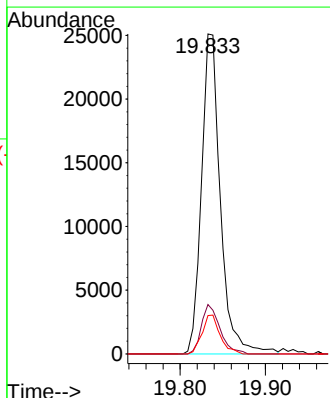
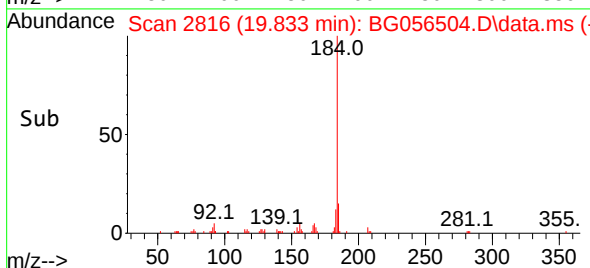
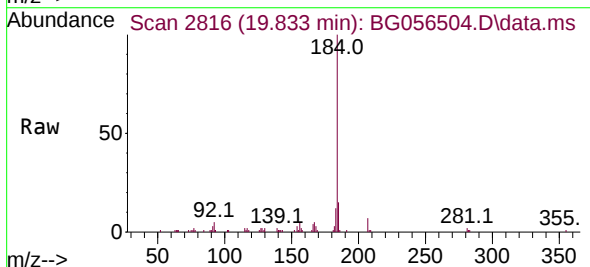
Manual Integrations
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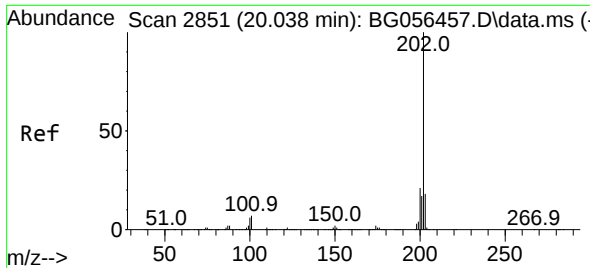
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#77
Benzidine
Concen: 6.645 ng
RT: 19.833 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

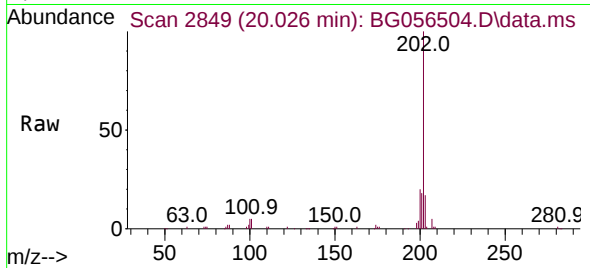
Tgt Ion:184 Resp: 38676
Ion Ratio Lower Upper
184 100
185 15.4 12.3 18.5
183 12.0 9.8 14.8





#78
Pyrene
Concen: 4.611 ng
RT: 20.026 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

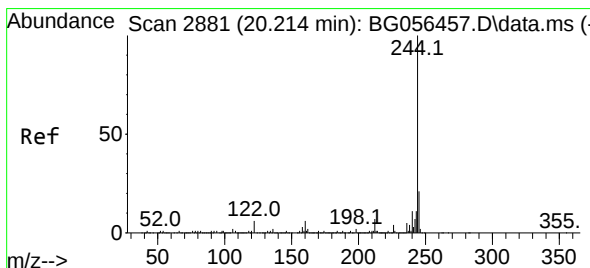
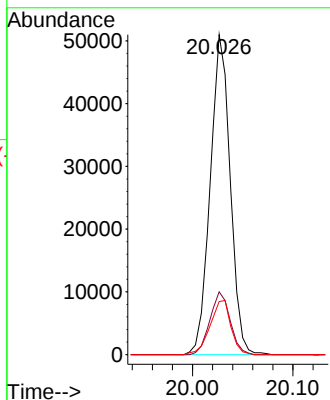
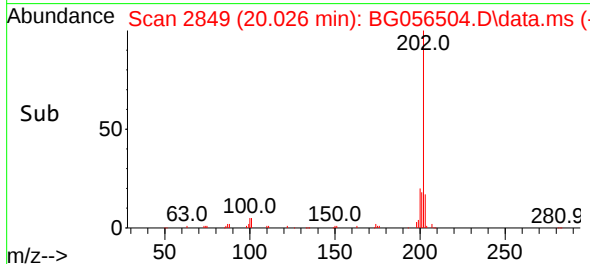
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:202 Resp: 70534
Ion Ratio Lower Upper
202 100
200 19.7 16.7 25.1
203 16.6 14.4 21.6

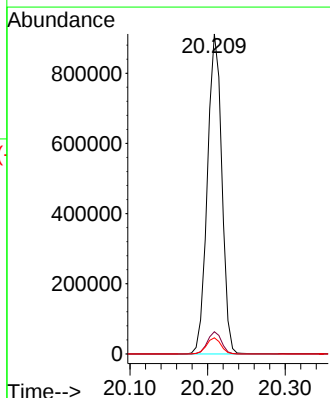
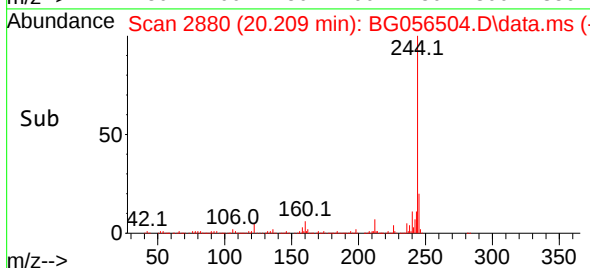
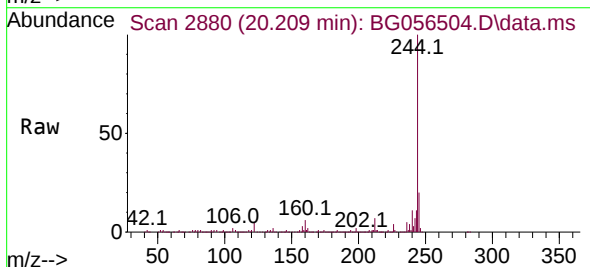
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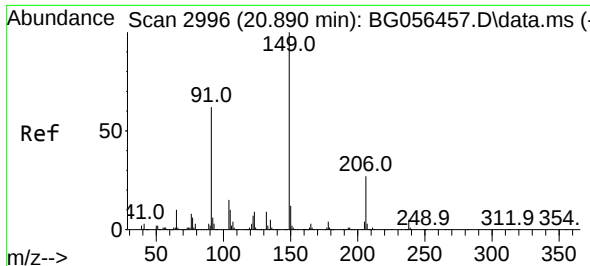
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#79
Terphenyl-d14
Concen: 96.057 ng
RT: 20.209 min Scan# 2880
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

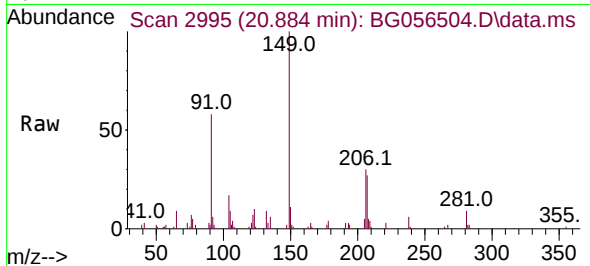
Tgt Ion:244 Resp: 1176265
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 5.0 4.4 6.6





#80
Butylbenzylphthalate
Concen: 4.324 ng
RT: 20.884 min Scan# 2995
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

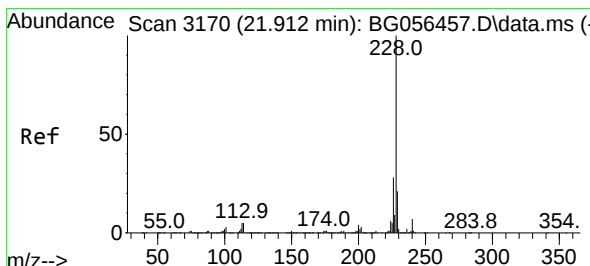
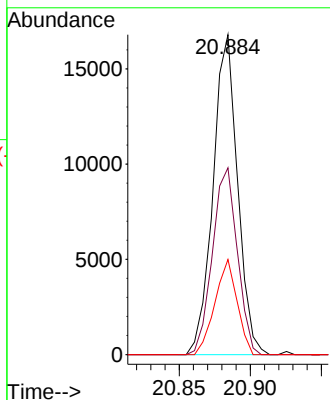
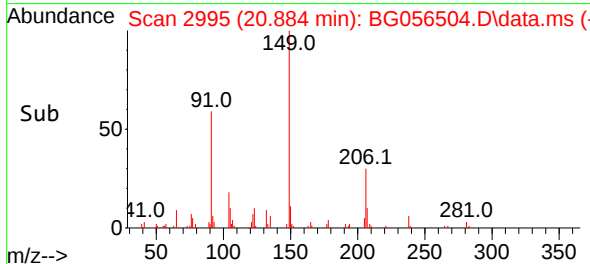
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



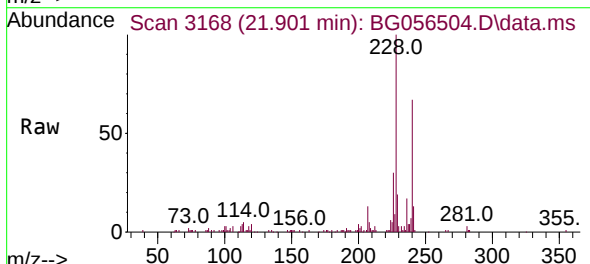
Tgt Ion:149 Resp: 20198
Ion Ratio Lower Upper
149 100
91 58.4 49.4 74.0
206 29.7 22.0 33.0

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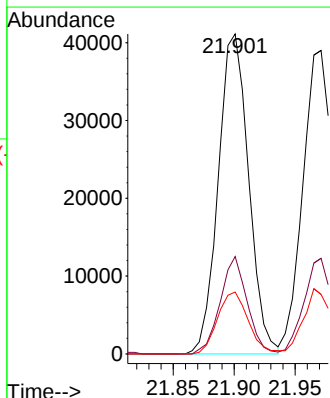
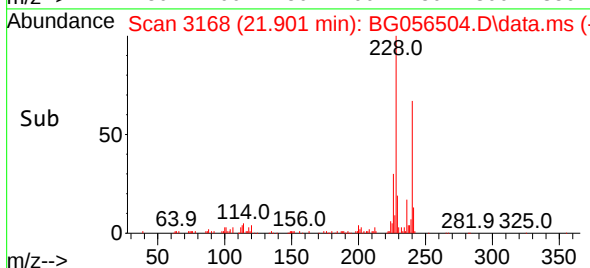
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

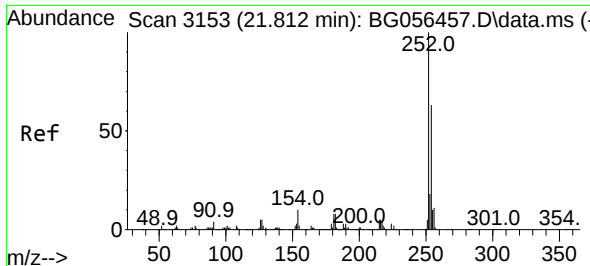


#81
Benzo(a)anthracene
Concen: 4.743 ng
RT: 21.901 min Scan# 3168
Delta R.T. 0.000 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43



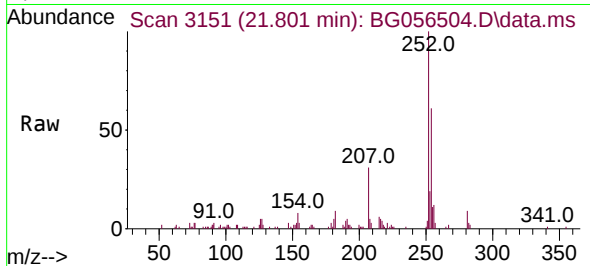
Tgt Ion:228 Resp: 71318
Ion Ratio Lower Upper
228 100
226 30.4 22.4 33.6
229 19.3 16.5 24.7





#82
3,3'-Dichlorobenzidine
Concen: 5.268 ng
RT: 21.801 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

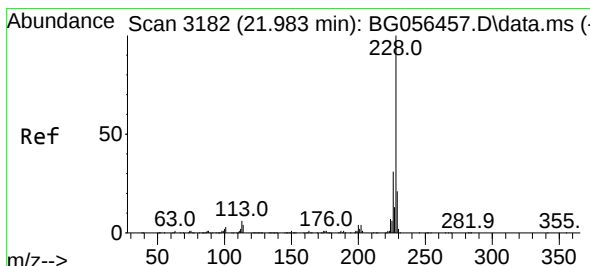
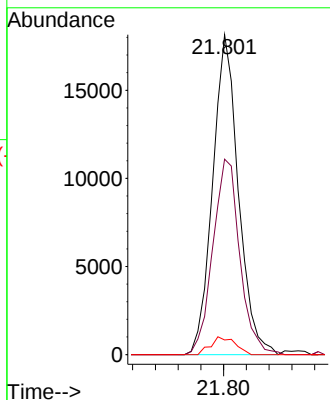
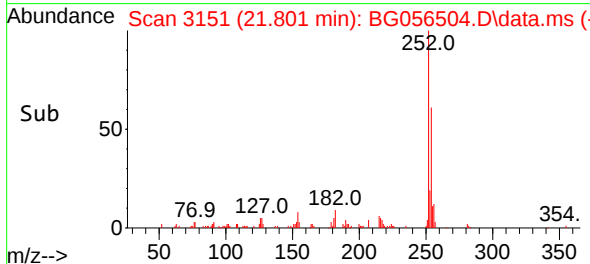
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT3-2022



Tgt Ion:252 Resp: 28525
Ion Ratio Lower Upper
252 100
254 61.1 50.0 75.0
126 4.6 4.3 6.5

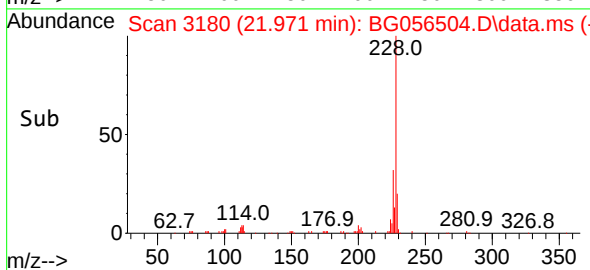
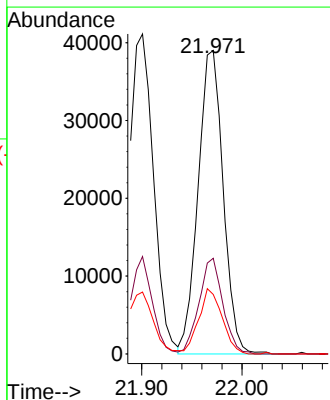
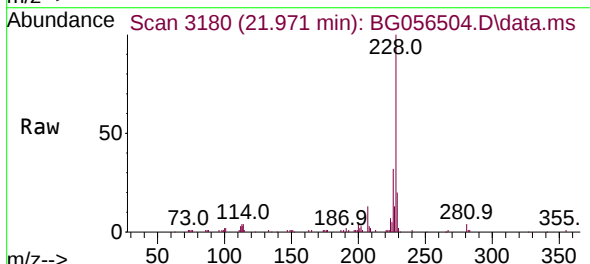
Manual Integrations
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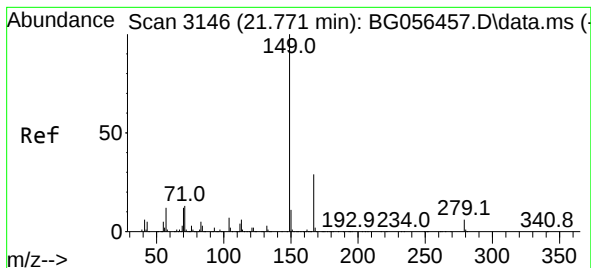
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#83
Chrysene
Concen: 4.790 ng
RT: 21.971 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Tgt Ion:228 Resp: 67668
Ion Ratio Lower Upper
228 100
226 31.5 25.0 37.4
229 19.6 16.4 24.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.275 ng

RT: 21.760 min Scan# 3146

Delta R.T. -0.006 min

Lab File: BG056504.D

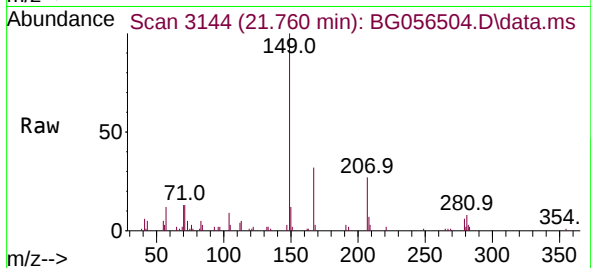
Acq: 1 Feb 2023 17:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2022



Tgt Ion:149 Resp: 28631

Ion Ratio Lower Upper

149 100

167 31.6 23.4 35.2

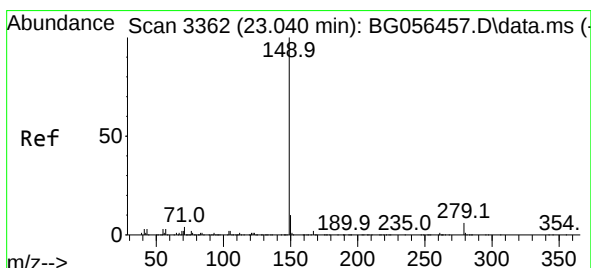
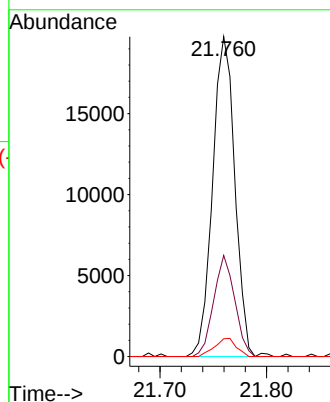
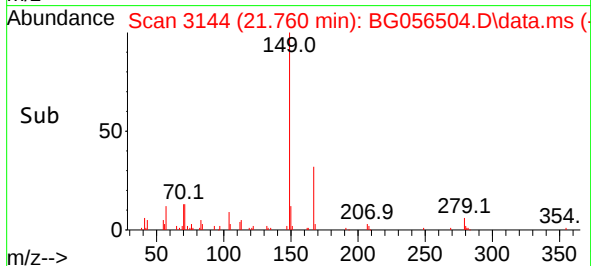
279 5.6 4.4 6.6

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Reviewed By :Christian Giraldo 02/02/2023

Supervised By :Jagrut Upadhyay 02/02/2023



#85

Di-n-octyl phthalate

Concen: 4.415 ng

RT: 23.029 min Scan# 3360

Delta R.T. -0.006 min

Lab File: BG056504.D

Acq: 1 Feb 2023 17:43

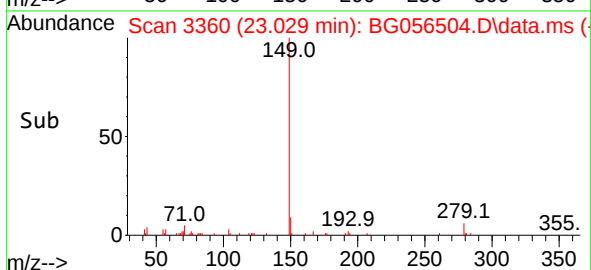
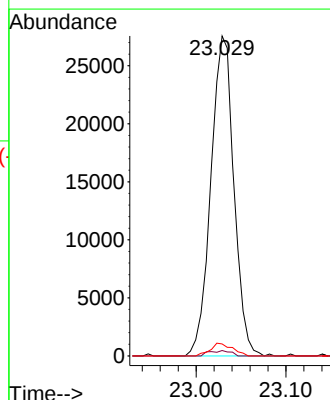
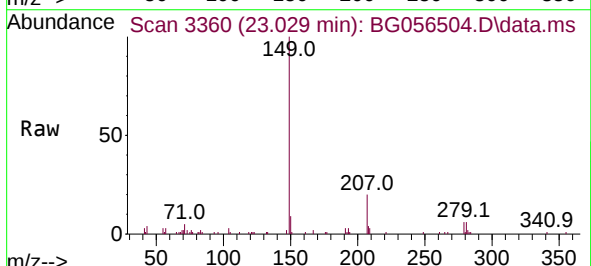
Tgt Ion:149 Resp: 49251

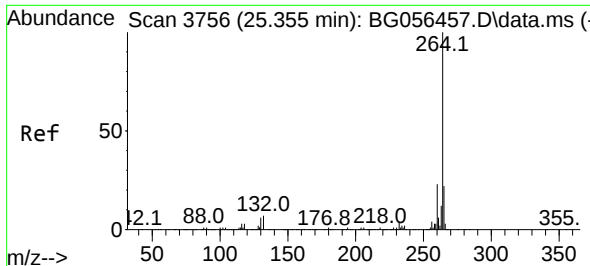
Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

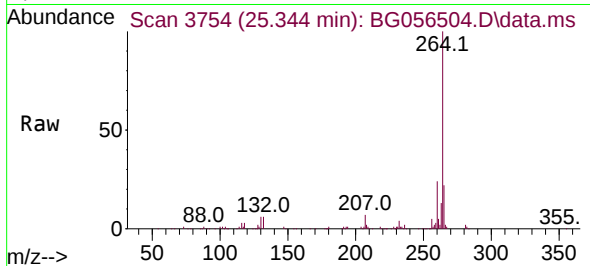
43 3.8 2.7 4.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.344 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BG056504.D
 Acq: 1 Feb 2023 17:43

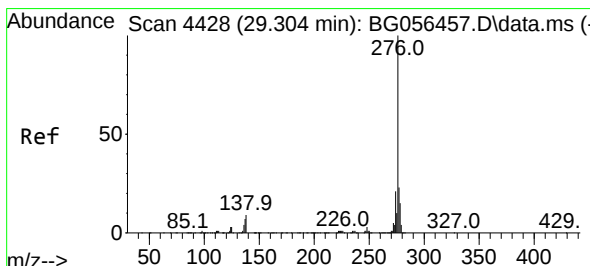
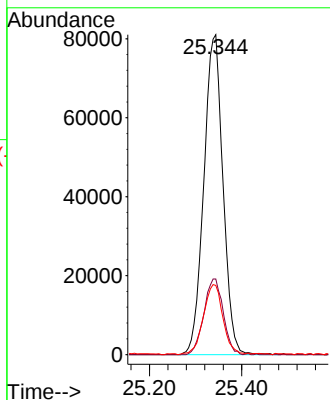
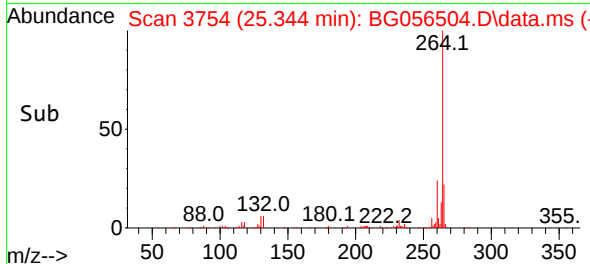
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2022



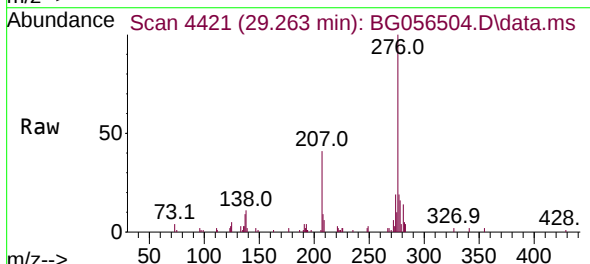
Tgt Ion:264 Resp: 232885
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.2 27.4
 265 21.6 18.1 27.1

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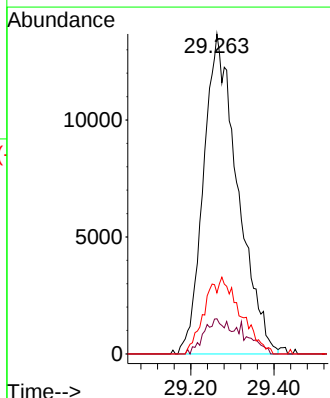
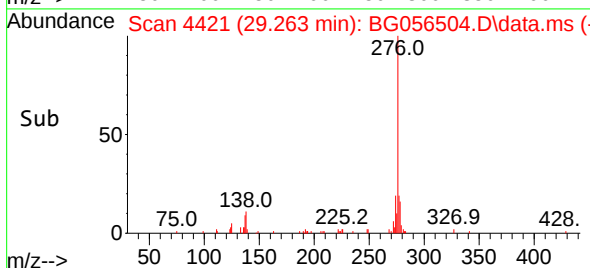
Reviewed By :Christian Giraldo 02/02/2023
 Supervised By :Jagrut Upadhyay 02/02/2023

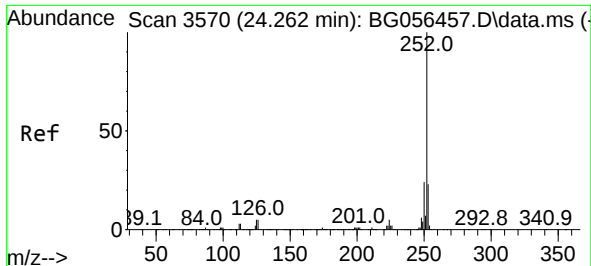


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.570 ng
 RT: 29.263 min Scan# 4421
 Delta R.T. -0.018 min
 Lab File: BG056504.D
 Acq: 1 Feb 2023 17:43



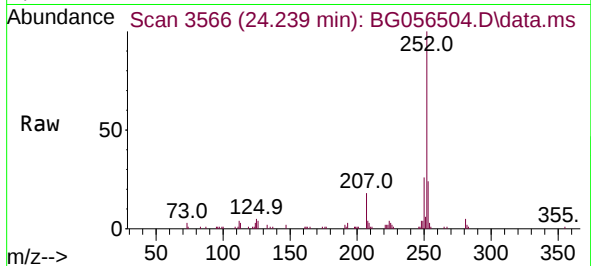
Tgt Ion:276 Resp: 77910
 Ion Ratio Lower Upper
 276 100
 138 7.7 9.4 14.2#
 277 9.6 20.3 30.5#





#88
Benzo(b)fluoranthene
Concen: 5.029 ng
RT: 24.239 min Scan# 3566
Delta R.T. -0.012 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

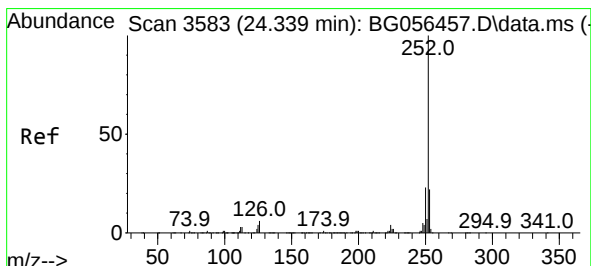
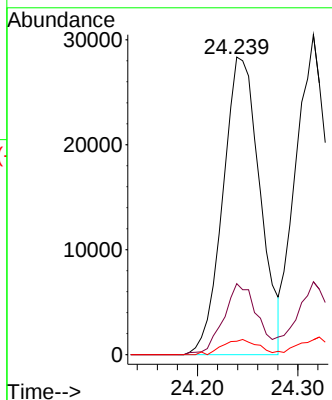
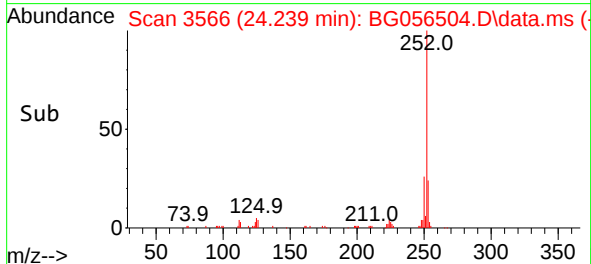
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT3-2022



Tgt Ion:252 Resp: 72688
Ion Ratio Lower Upper
252 100
253 23.8 18.1 27.1
125 4.5 3.9 5.9

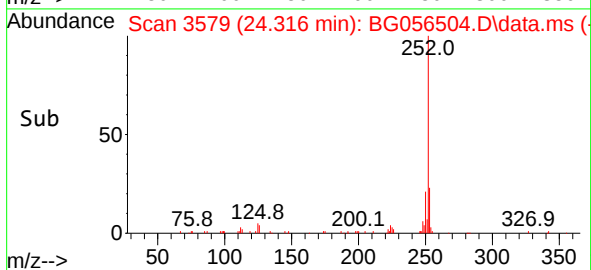
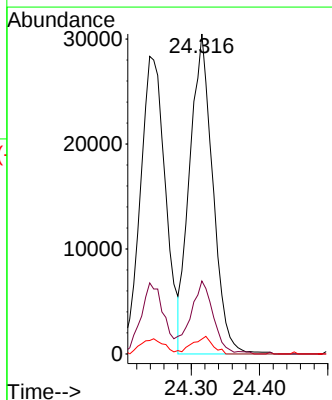
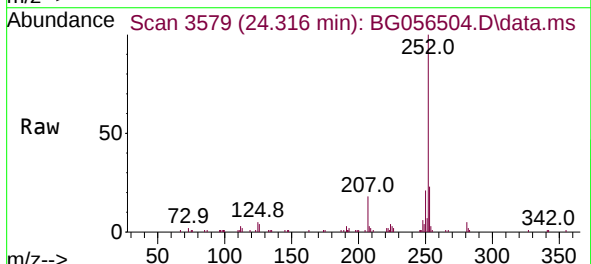
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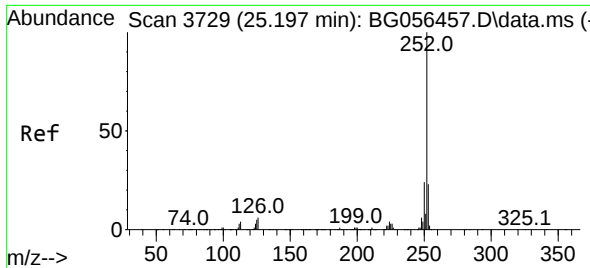
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#89
Benzo(k)fluoranthene
Concen: 4.910 ng
RT: 24.316 min Scan# 3579
Delta R.T. -0.006 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

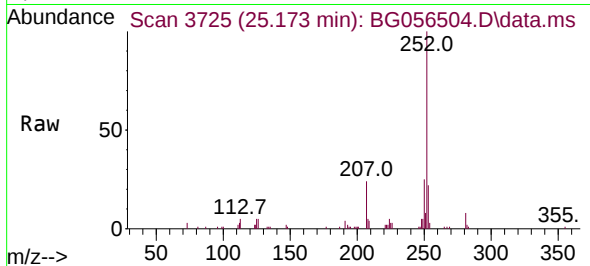
Tgt Ion:252 Resp: 71662
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 4.6 3.4 5.0





#90
Benzo(a)pyrene
Concen: 4.572 ng
RT: 25.173 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

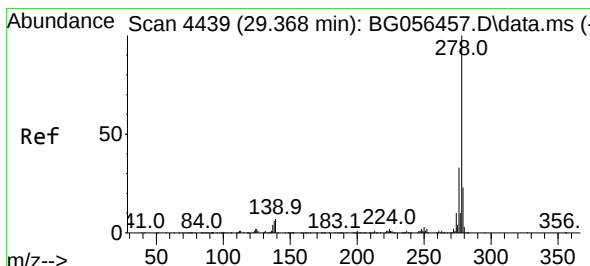
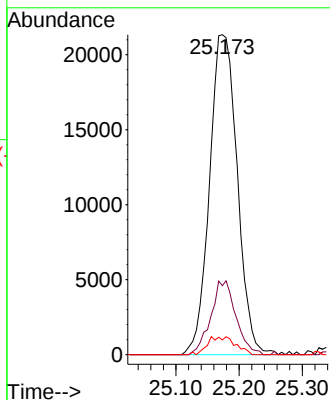
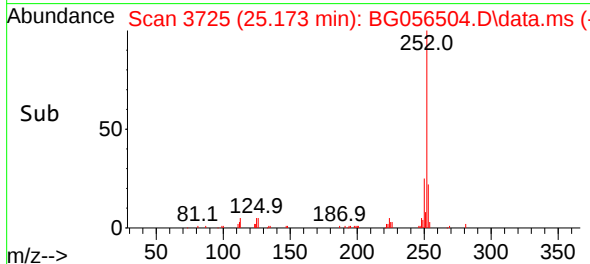
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:252 Resp: 6509
Ion Ratio Lower Upper
252 100
253 21.5 18.4 27.6
125 4.6 4.1 6.1

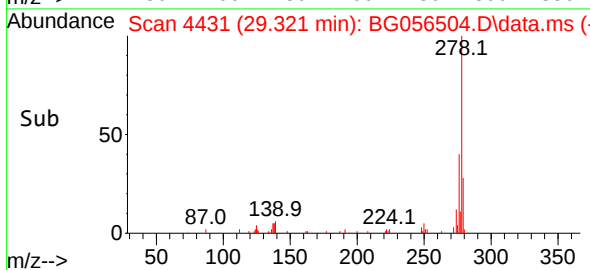
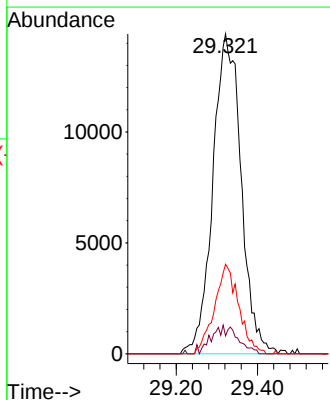
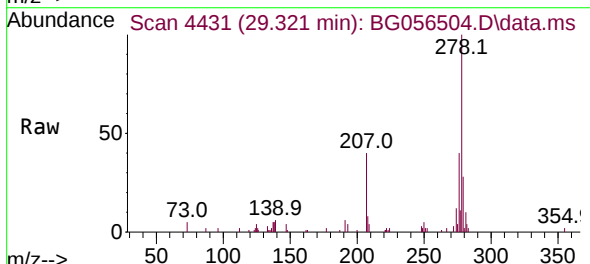
Manual Integrations
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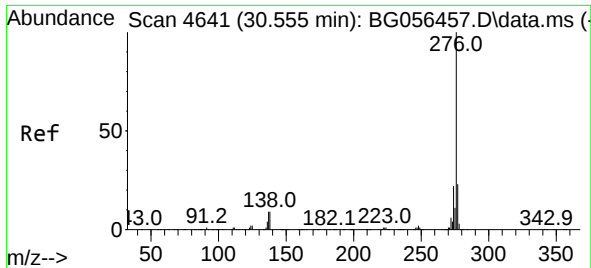
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#91
Dibenzo(a,h)anthracene
Concen: 4.851 ng
RT: 29.321 min Scan# 4431
Delta R.T. -0.023 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

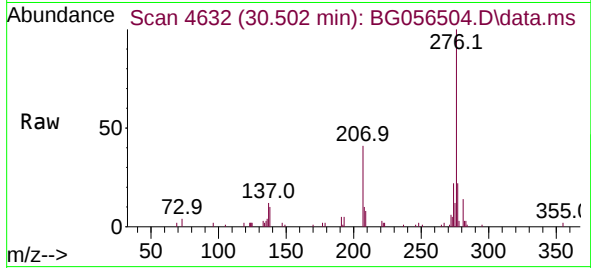
Tgt Ion:278 Resp: 69420
Ion Ratio Lower Upper
278 100
139 5.6 5.5 8.3
279 28.0 18.8 28.2





#92
Benzo(g,h,i)perylene
Concen: 4.902 ng
RT: 30.502 min Scan# 4632
Delta R.T. -0.023 min
Lab File: BG056504.D
Acq: 1 Feb 2023 17:43

Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT3-2022



Tgt Ion: 276 Resp: 6768
Ion Ratio Lower Upper
276 100
277 22.4 18.5 27.7
138 9.7 7.4 11.0

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

