

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013023\
 Data File : BG056474.D
 Acq On : 30 Jan 2023 17:56
 Operator : CG/JU
 Sample : N3980-08
 Misc : LOQ-WATER-10ppm
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2022

Manual Integrations
 APPROVED

Reviewed By : Christian
 Giraldo

Quant Time: Jan 31 03:03:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 00:39:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.276	152	39359	20.000	ng	0.00
21) Naphthalene-d8	11.108	136	152593	20.000	ng	0.00
39) Acenaphthene-d10	14.898	164	129261	20.000	ng	0.00
64) Phenanthrene-d10	17.636	188	343838	20.000	ng	0.00
76) Chrysene-d12	21.925	240	339387	20.000	ng	0.00
86) Perylene-d12	25.344	264	370147	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	219095	102.402	ng	0.00
7) Phenol-d6	7.418	99	317183	100.054	ng	0.00
23) Nitrobenzene-d5	9.451	82	186915	69.557	ng	0.00
42) 2,4,6-Tribromophenol	16.384	330	179357	104.372	ng	0.00
45) 2-Fluorobiphenyl	13.523	172	641666	68.824	ng	0.00
79) Terphenyl-d14	20.215	244	1298477	67.198	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.599	88	8342	9.364	ng	98
3) Pyridine	4.028	79	21640	8.148	ng	99
4) n-Nitrosodimethylamine	3.934	42	4770	8.446	ng	# 94
6) Aniline	7.588	93	34959	8.423	ng	96
8) 2-Chlorophenol	7.835	128	20363	8.664	ng	98
9) Benzaldehyde	7.400	77	18043	9.811	ng	91
10) Phenol	7.447	94	27556	8.552	ng	96
11) bis(2-Chloroethyl)ether	7.682	93	20310	9.171	ng	95
12) 1,3-Dichlorobenzene	8.164	146	25673	9.487	ng	95
13) 1,4-Dichlorobenzene	8.317	146	25887	9.446	ng	96
14) 1,2-Dichlorobenzene	8.634	146	25742	9.681	ng	99
15) Benzyl Alcohol	8.511	79	19128	8.794	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.793	45	3823	8.147	ng	# 74
17) 2-Methylphenol	8.717	107	20006	8.162	ng	95
18) Hexachloroethane	9.375	117	8088	9.757	ng	97
19) n-Nitroso-di-n-propyla...	9.075	70	16007	8.762	ng	# 95
20) 3+4-Methylphenols	9.046	107	26714	7.777	ng	96
22) Acetophenone	9.104	105	38385	9.468	ng	# 98
24) Nitrobenzene	9.498	77	23927	9.231	ng	96
25) Isophorone	10.015	82	48063	8.670	ng	97
26) 2-Nitrophenol	10.215	139	14425	9.172	ng	94
27) 2,4-Dimethylphenol	10.256	122	21007	7.982	ng	94
28) bis(2-Chloroethoxy)met...	10.491	93	27460	8.966	ng	97
29) 2,4-Dichlorophenol	10.755	162	25624	8.649	ng	96
30) 1,2,4-Trichlorobenzene	10.973	180	30689	9.322	ng	99
31) Naphthalene	11.161	128	73309	9.102	ng	97
32) Benzoic acid	10.373	122	10845m	7.365	ng	
33) 4-Chloroaniline	11.261	127	32789	8.722	ng	97
34) Hexachlorobutadiene	11.437	225	21880	9.468	ng	97
35) Caprolactam	12.013	113	9127	9.135	ng	94
36) 4-Chloro-3-methylphenol	12.365	107	25412	8.882	ng	90
37) 2-Methylnaphthalene	12.747	142	57079	8.597	ng	96
38) 1-Methylnaphthalene	12.964	142	55960	9.024	ng	95
40) 1,2,4,5-Tetrachloroben...	13.106	216	42987	9.103	ng	100
41) Hexachlorocyclopentadiene	13.082	237	12870	11.103	ng	94
43) 2,4,6-Trichlorophenol	13.341	196	25791	8.475	ng	96

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 Supervised By : Jagrut
 Padhyay

01/31/2023

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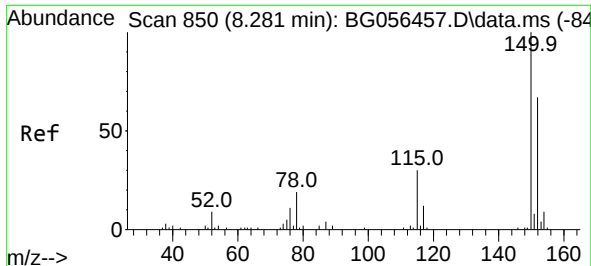
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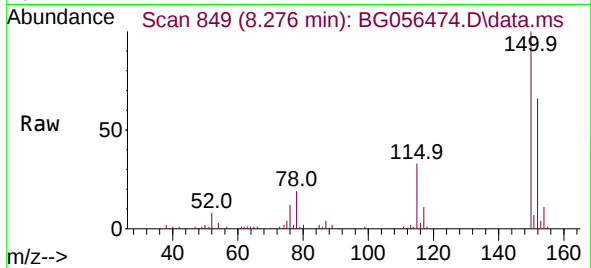
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.423	196	27945	7.843	ng	95	01/31/2023
46) 1,1'-Biphenyl	13.734	154	85617	9.132	ng	97	Supervised By :Jagrut Upadhyay
47) 2-Chloronaphthalene	13.787	162	66482	9.072	ng	98	
48) 2-Nitroaniline	13.981	65	13011	8.588	ng	96	
49) Acenaphthylene	14.621	152	106435	8.927	ng	98	
50) Dimethylphthalate	14.333	163	94127	9.001	ng	100	
51) 2,6-Dinitrotoluene	14.463	165	20443	8.964	ng	99	01/31/2023
52) Acenaphthene	14.962	154	62538	8.845	ng	98	
53) 3-Nitroaniline	14.798	138	19264	8.713	ng	88	
54) 2,4-Dinitrophenol	15.009	184	12921	9.037	ng	95	
55) Dibenzofuran	15.291	168	114680	9.044	ng	98	
56) 4-Nitrophenol	15.097	139	19572	12.955	ng	94	
57) 2,4-Dinitrotoluene	15.250	165	28735	8.945	ng	100	
58) Fluorene	15.937	166	92900	9.207	ng	97	
59) 2,3,4,6-Tetrachlorophenol	15.514	232	27485	8.676	ng	# 100	
60) Diethylphthalate	15.685	149	91555	9.323	ng	97	
61) 4-Chlorophenyl-phenylether	15.920	204	54920	8.920	ng	98	
62) 4-Nitroaniline	15.949	138	20319	9.184	ng	98	
63) Azobenzene	16.214	77	61830	9.151	ng	97	
65) 4,6-Dinitro-2-methylph...	16.014	198	24346	10.071	ng	97	
66) n-Nitrosodiphenylamine	16.131	169	84504	8.680	ng	97	
67) 4-Bromophenyl-phenylether	16.813	248	37919	8.615	ng	98	
68) Hexachlorobenzene	16.942	284	39282	9.112	ng	97	
69) Atrazine	17.066	200	37769	10.057	ng	96	
70) Pentachlorophenol	17.289	266	28049m	10.752	ng		
71) Phenanthrene	17.677	178	163497	9.085	ng	96	
72) Anthracene	17.771	178	165350	8.951	ng	99	
73) Carbazole	18.035	167	143271	9.106	ng	99	
74) Di-n-butylphthalate	18.558	149	145514	8.808	ng	98	
75) Fluoranthene	19.668	202	210325	9.260	ng	98	
77) Benzidine	19.839	184	112604	12.261	ng	100	
78) Pyrene	20.033	202	216012	8.949	ng	98	
80) Butylbenzylphthalate	20.885	149	61618	8.359	ng	99	
81) Benzo(a)anthracene	21.901	228	213675	9.006	ng	98	
82) 3,3'-Dichlorobenzidine	21.807	252	88115	10.313	ng	99	
83) Chrysene	21.972	228	196776	8.828	ng	98	
84) Bis(2-ethylhexyl)phtha...	21.766	149	89232	8.443	ng	99	
85) Di-n-octyl phthalate	23.035	149	150207	8.534	ng	100	
87) Indeno(1,2,3-cd)pyrene	29.281	276	238377	8.798	ng	# 97	
88) Benzo(b)fluoranthene	24.251	252	215826	9.394	ng	97	
89) Benzo(k)fluoranthene	24.322	252	216885m	9.350	ng		
90) Benzo(a)pyrene	25.180	252	191771	8.474	ng	98	
91) Dibenzo(a,h)anthracene	29.334	278	207842	9.138	ng	99	
92) Benzo(g,h,i)perylene	30.515	276	199824	9.106	ng	98	

(#) = 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. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

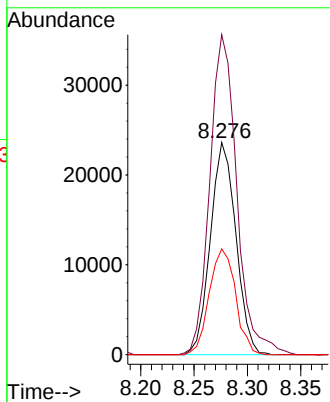
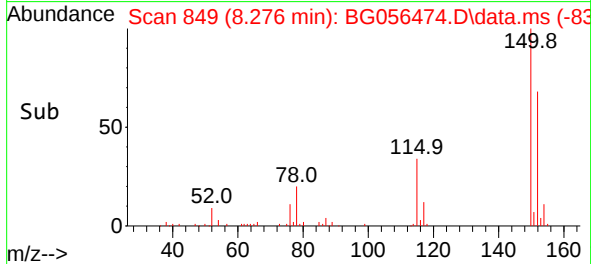
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 152 Resp: 39359
Ion Ratio Lower Upper
152 100
150 150.9 120.2 180.4
115 49.9 36.3 54.5

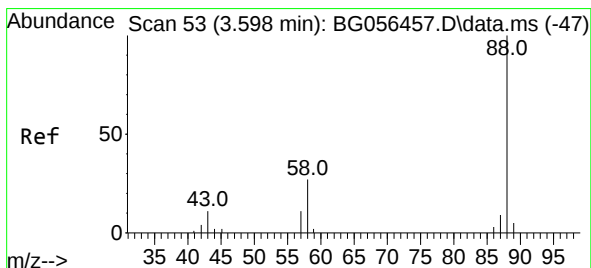
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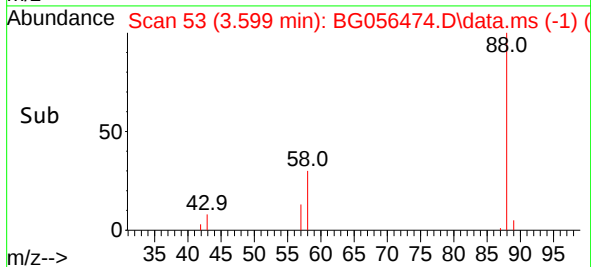
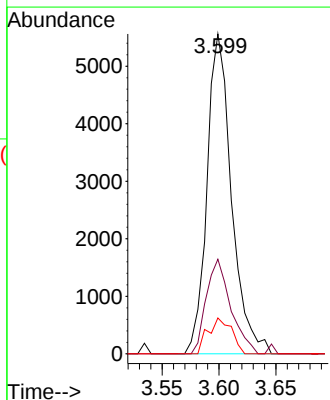
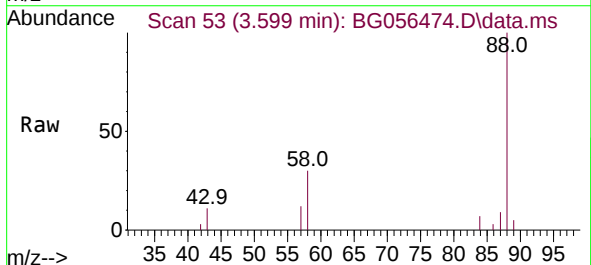
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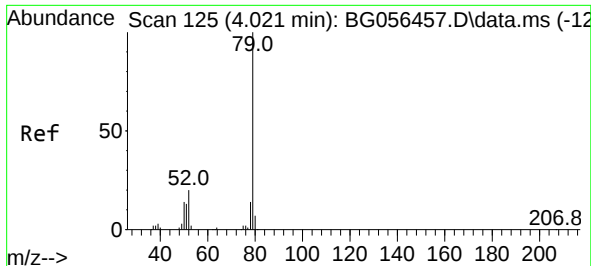
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#2
1,4-Dioxane
Concen: 9.364 ng
RT: 3.599 min Scan# 53
Delta R.T. 0.001 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

Tgt Ion: 88 Resp: 8342
Ion Ratio Lower Upper
88 100
58 29.5 23.0 34.4
43 10.8 8.0 12.0





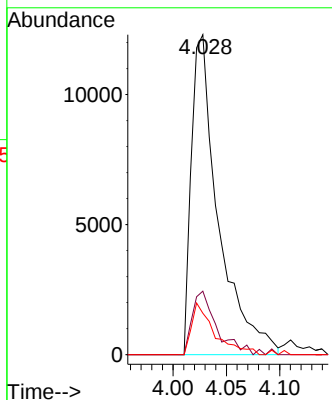
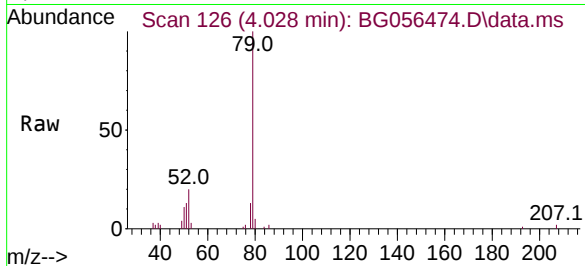
#3
Pyridine
Concen: 8.148 ng
RT: 4.028 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion: 79 Resp: 21640
Ion Ratio Lower Upper
79 100
52 19.8 16.1 24.1
51 12.9 10.7 16.1

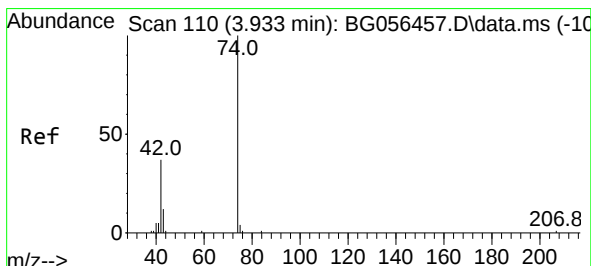
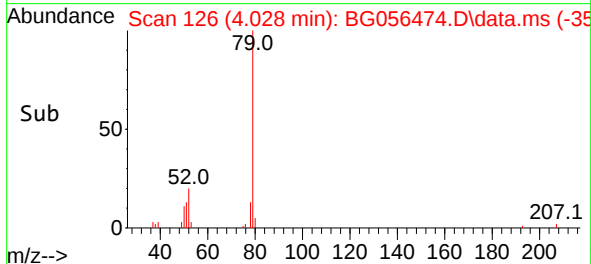
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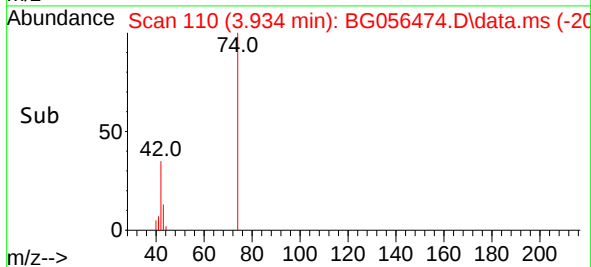
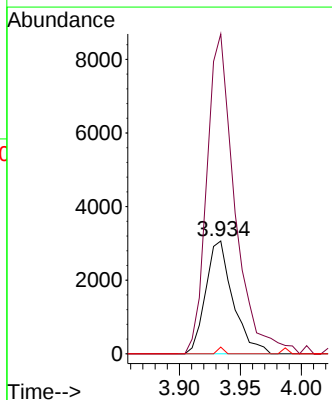
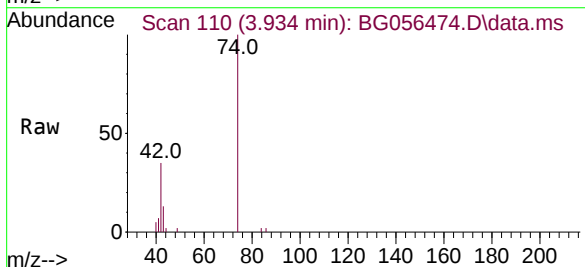
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#4
n-Nitrosodimethylamine
Concen: 8.446 ng
RT: 3.934 min Scan# 110
Delta R.T. 0.001 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

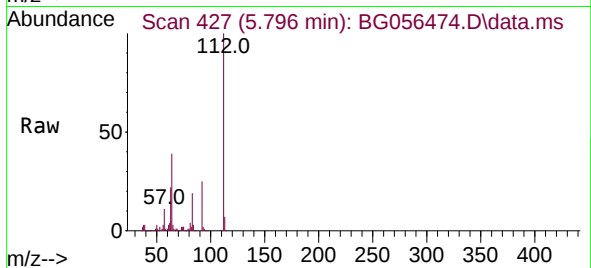
Tgt Ion: 42 Resp: 4770
Ion Ratio Lower Upper
42 100
74 283.4 217.9 326.9
44 6.1 3.0 4.6#





#5
2-Fluorophenol
Concen: 102.402 ng
RT: 5.796 min Scan# 41
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

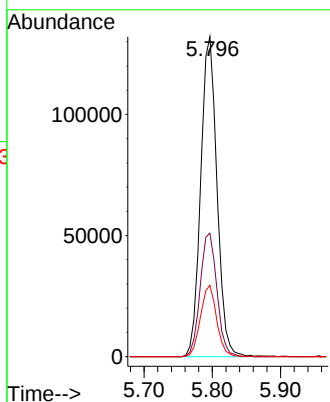
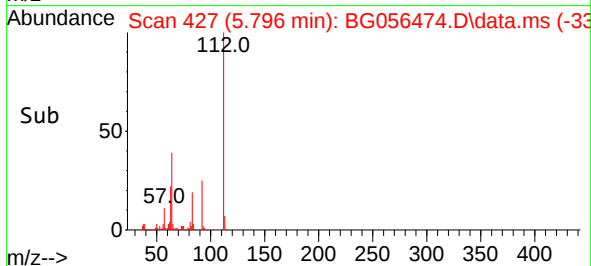
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:112 Resp: 219095
Ion Ratio Lower Upper
112 100
64 38.6 31.9 47.9
63 22.3 17.4 26.0

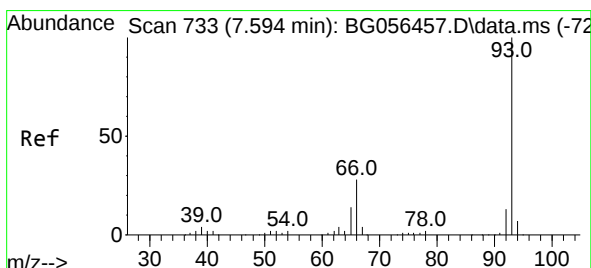
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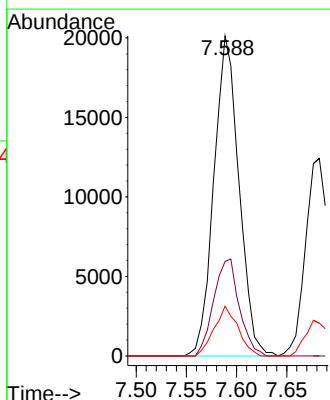
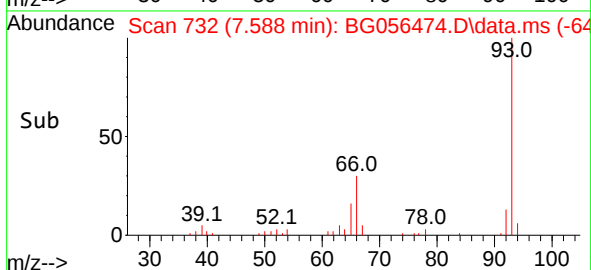
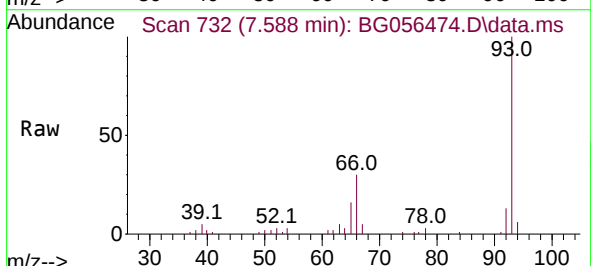
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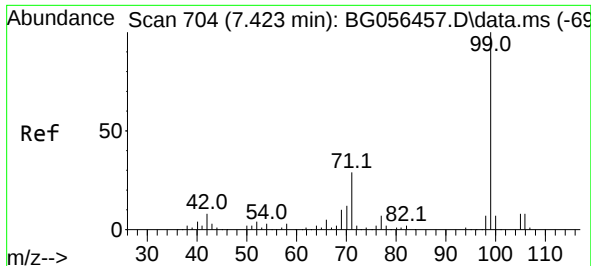
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#6
Aniline
Concen: 8.423 ng
RT: 7.588 min Scan# 732
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

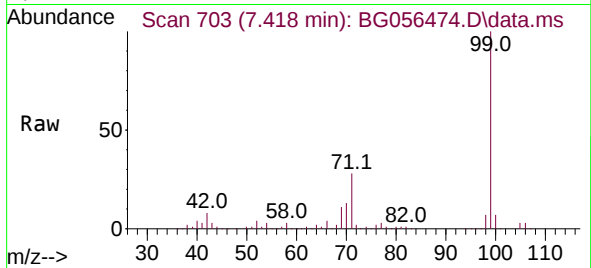
Tgt Ion: 93 Resp: 34959
Ion Ratio Lower Upper
93 100
66 29.5 22.2 33.2
65 15.5 11.3 16.9





#7
Phenol-d6
Concen: 100.054 ng
RT: 7.418 min Scan# 704
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

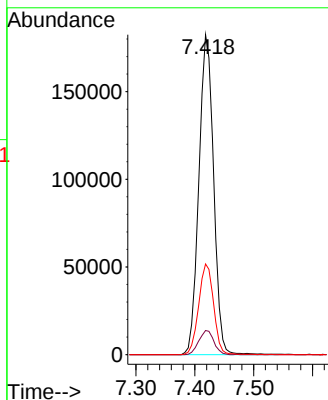
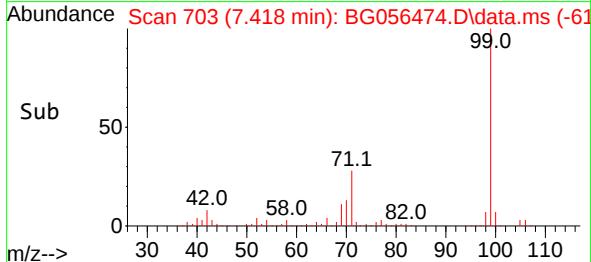
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 99 Resp: 317183
Ion Ratio Lower Upper
99 100
42 7.5 6.6 10.0
71 28.4 23.4 35.0

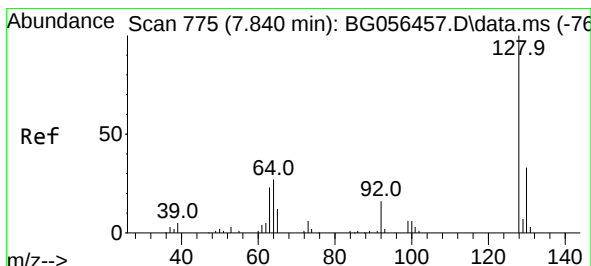
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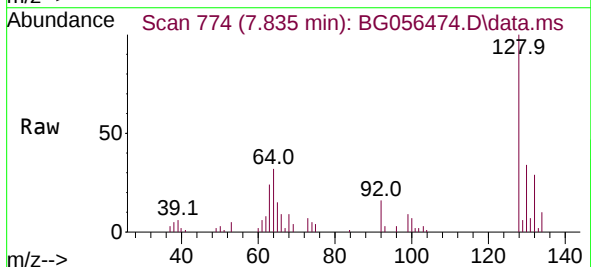


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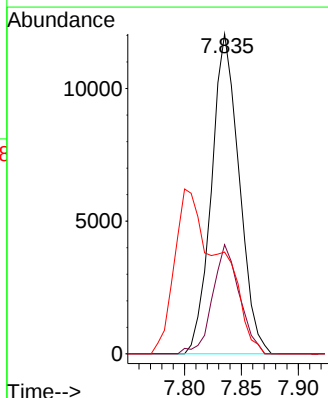
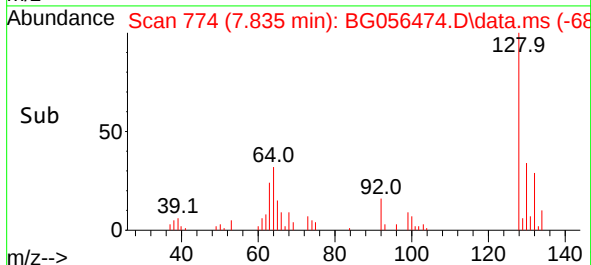
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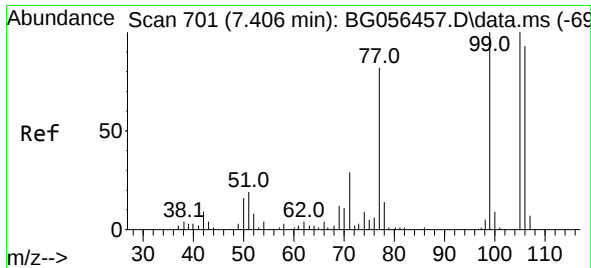


#8
2-Chlorophenol
Concen: 8.664 ng
RT: 7.835 min Scan# 774
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56



Tgt Ion:128 Resp: 20363
Ion Ratio Lower Upper
128 100
130 34.1 12.8 52.8
64 31.8 11.3 51.3





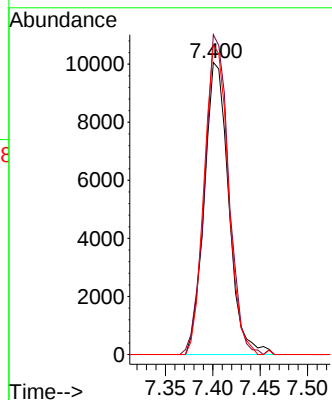
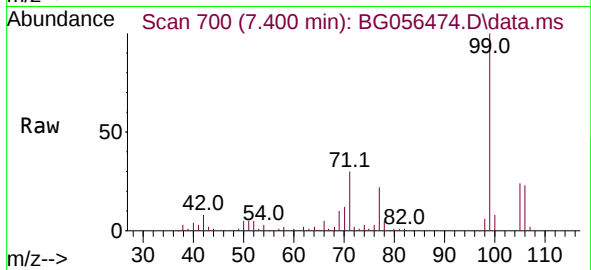
#9
Benzaldehyde
Concen: 9.811 ng
RT: 7.400 min Scan# 701
Delta R.T. -0.006 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion: 77 Resp: 1804
Ion Ratio Lower Upper
77 100
105 109.5 101.8 141.8
106 106.0 93.0 133.0

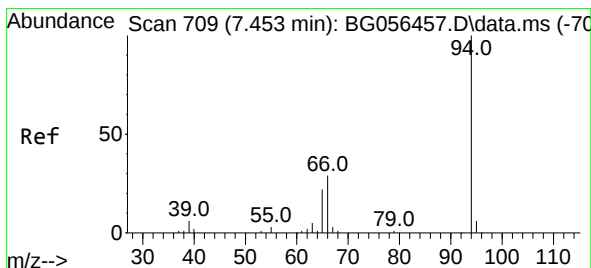
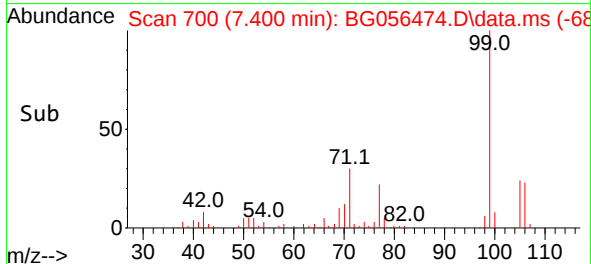
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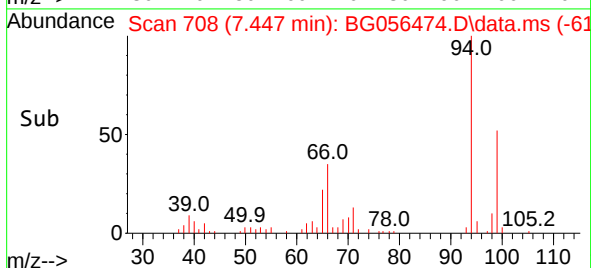
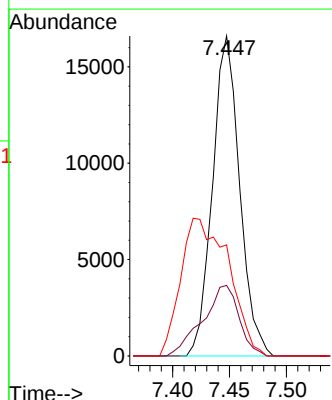
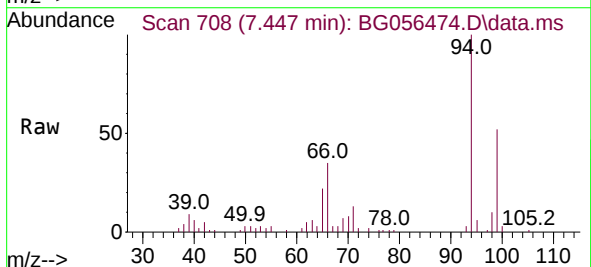
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Upadhyay

01/31/2023



#10
Phenol
Concen: 8.552 ng
RT: 7.447 min Scan# 708
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

Tgt Ion: 94 Resp: 27556
Ion Ratio Lower Upper
94 100
65 22.0 2.3 42.3
66 34.7 11.2 51.2





#11

bis(2-Chloroethyl)ether

Concen: 9.171 ng

RT: 7.682 min Scan# 74

Delta R.T. 0.001 min

Lab File: BG056474.D

Acq: 30 Jan 2023 17:56

Instrument :

BNA_G

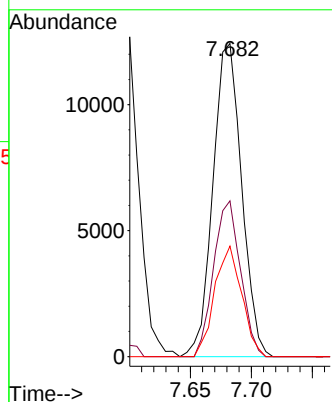
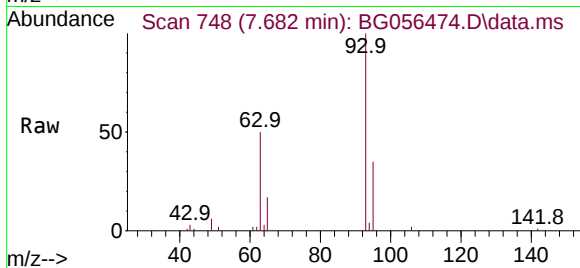
ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion: 93	Resp: 20310
Ion Ratio	Lower Upper
93 100	
63 49.8	32.4 72.4
95 35.3	11.8 51.8

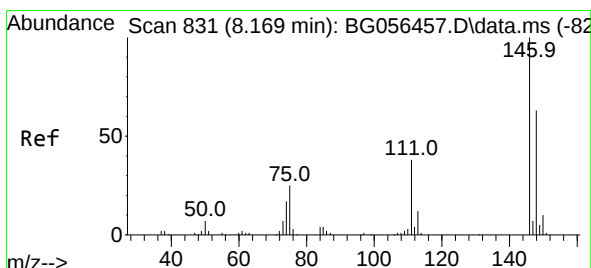
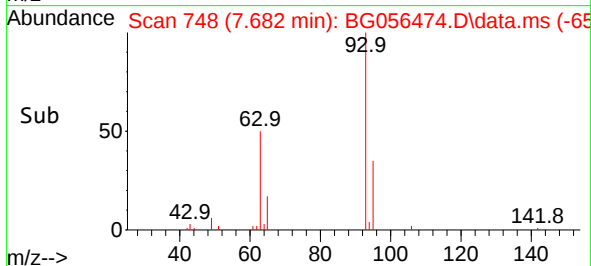
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



01/31/2023
Supervised By :Jagrut
Upadhyay

01/31/2023



#12

1,3-Dichlorobenzene

Concen: 9.487 ng

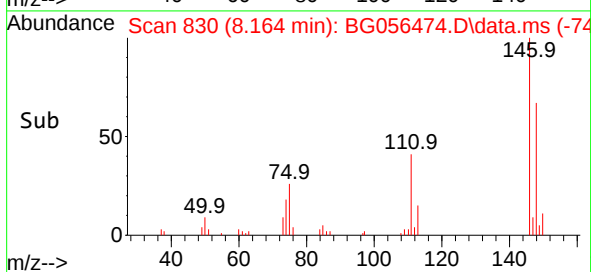
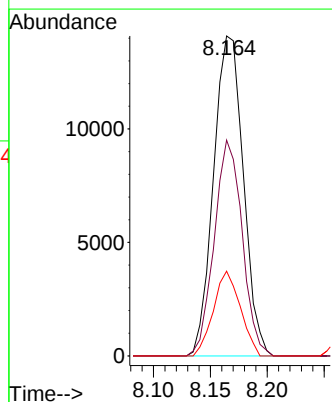
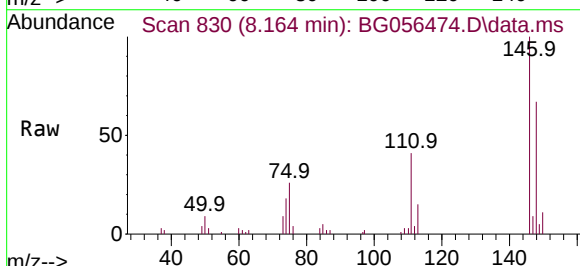
RT: 8.164 min Scan# 830

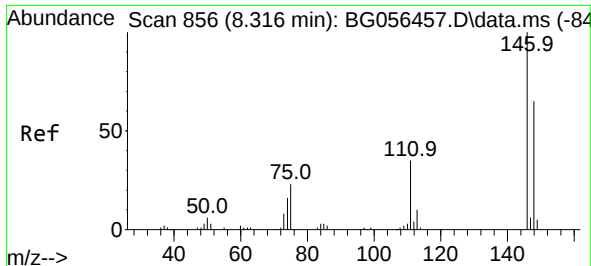
Delta R.T. -0.005 min

Lab File: BG056474.D

Acq: 30 Jan 2023 17:56

Tgt Ion:146	Resp: 25673
Ion Ratio	Lower Upper
146 100	
148 67.5	50.6 75.8
75 26.5	19.6 29.4





#13

1,4-Dichlorobenzene

Concen: 9.446 ng

RT: 8.317 min Scan# 81

Delta R.T. 0.001 min

Lab File: BG056474.D

Acq: 30 Jan 2023 17:56

Instrument :

BNA_G

ClientSampleId :

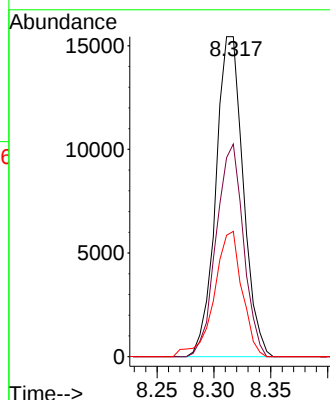
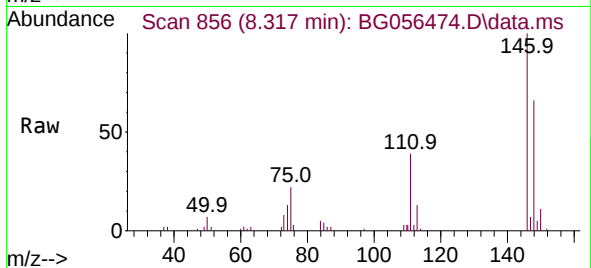
LOQ-WATER-02-QT3-2022

Tgt Ion:146 Resp: 2588

Ion	Ratio	Lower	Upper
146	100		
148	66.5	51.8	77.6
111	39.1	28.6	42.8

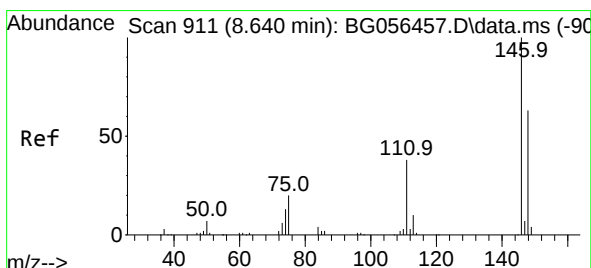
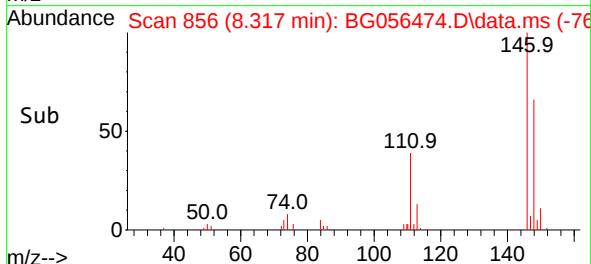
Manual Integrations
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Reviewed By :Christian
Giraldo



01/31/2023
Supervised By :Jagrut
Upadhyay

01/31/2023



#14

1,2-Dichlorobenzene

Concen: 9.681 ng

RT: 8.634 min Scan# 910

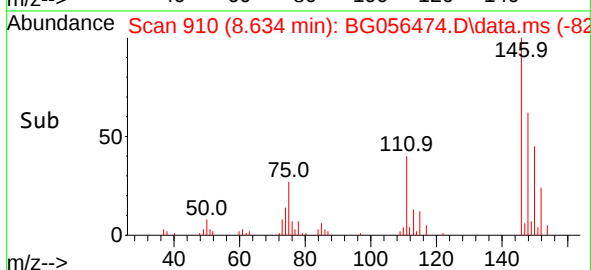
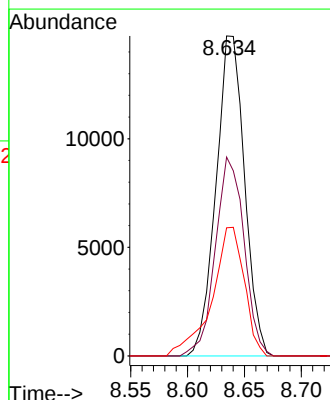
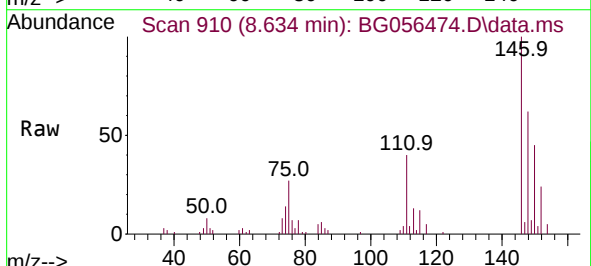
Delta R.T. -0.005 min

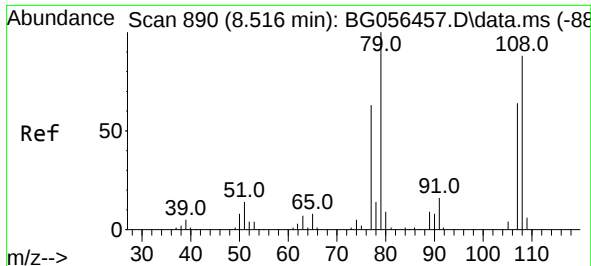
Lab File: BG056474.D

Acq: 30 Jan 2023 17:56

Tgt Ion:146 Resp: 25742

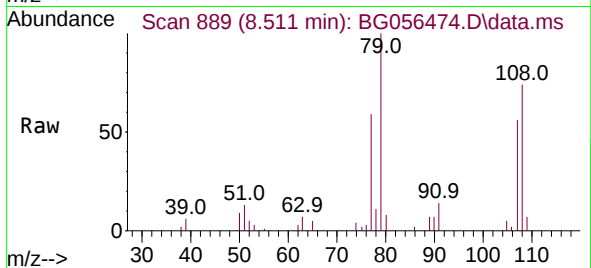
Ion	Ratio	Lower	Upper
146	100		
148	62.1	50.1	75.1
111	40.0	30.9	46.3





#15
Benzyl Alcohol
Concen: 8.794 ng
RT: 8.511 min Scan# 889
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

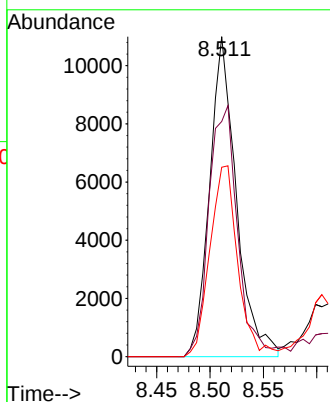
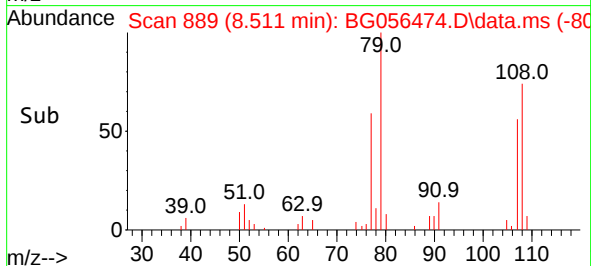
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 79 Resp: 19128
Ion Ratio Lower Upper
79 100
108 73.5 70.1 105.1
77 59.2 50.3 75.5

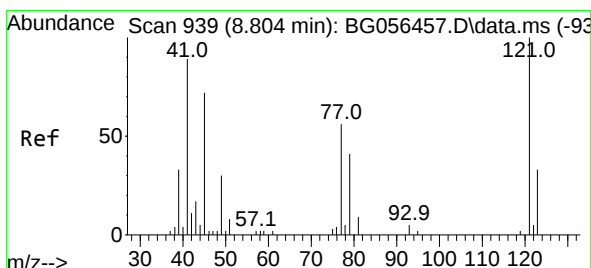
Manual Integrations
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Reviewed By :Christian
Giraldo



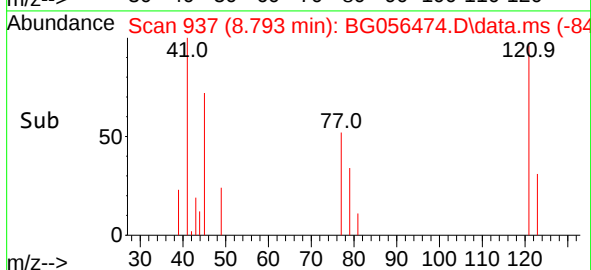
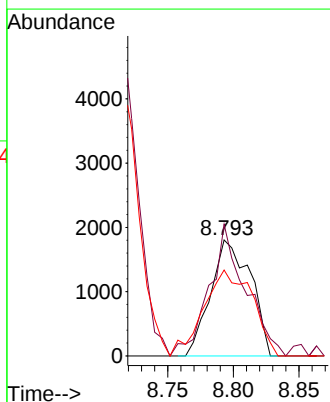
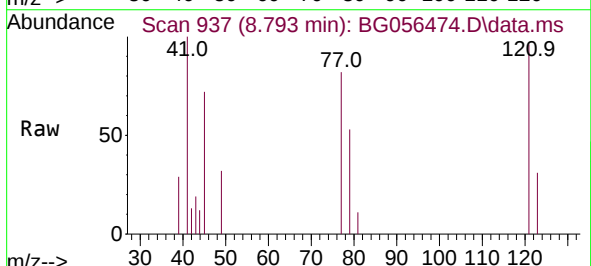
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Upadhyay

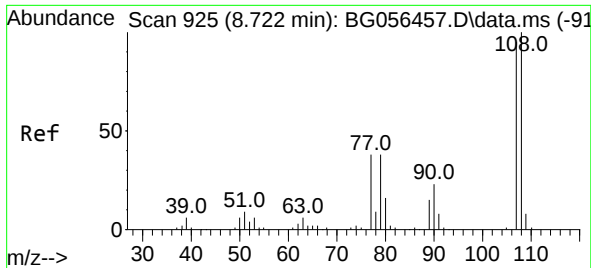
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.147 ng
RT: 8.793 min Scan# 937
Delta R.T. -0.011 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

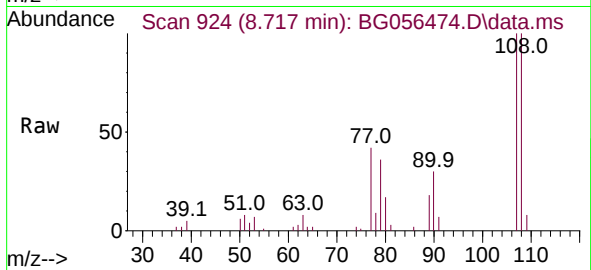
Tgt Ion: 45 Resp: 3823
Ion Ratio Lower Upper
45 100
77 113.5 62.1 102.1#
79 74.1 42.7 82.7





#17
2-Methylphenol
Concen: 8.162 ng
RT: 8.717 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

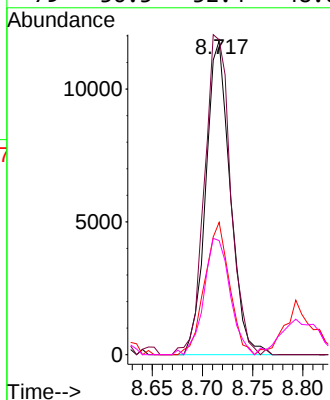
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:	107	Resp:	2000
Ion Ratio	Lower	Upper	
107	100		
108	100.3	83.9	125.9
77	42.2	31.6	47.4
79	36.3	32.4	48.6

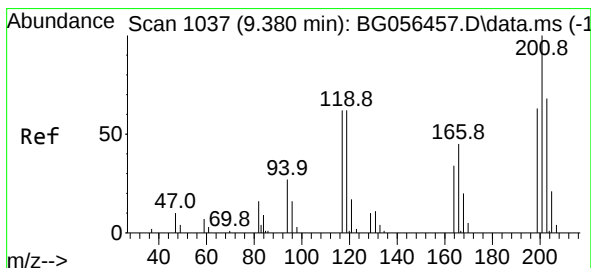
Manual Integrations
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Reviewed By :Christian
Giraldo



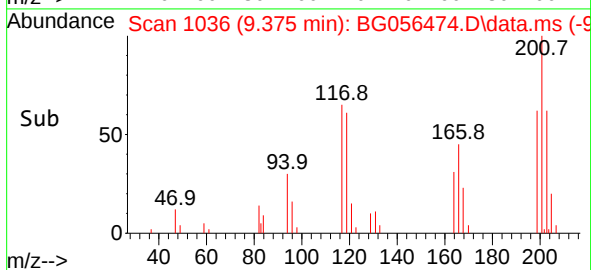
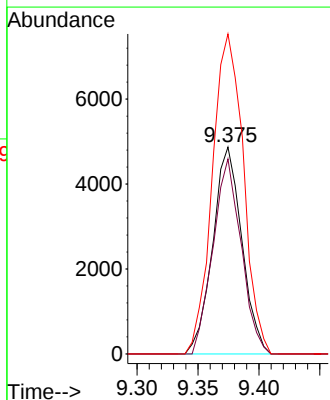
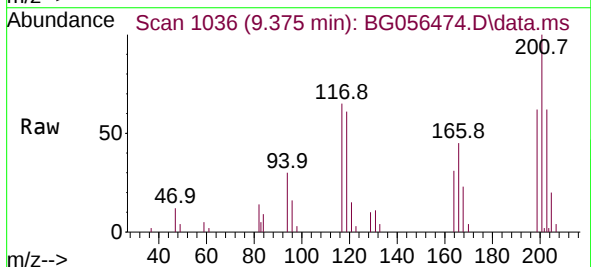
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Supervised By :Jagrut
Upadhyay

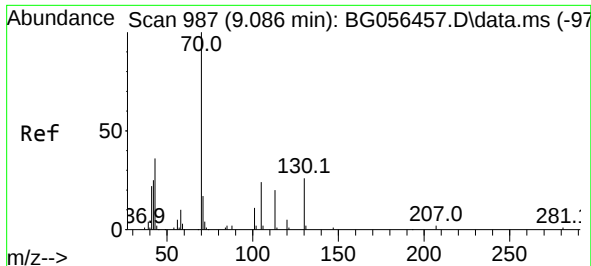
01/31/2023



#18
Hexachloroethane
Concen: 9.757 ng
RT: 9.375 min Scan# 1036
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

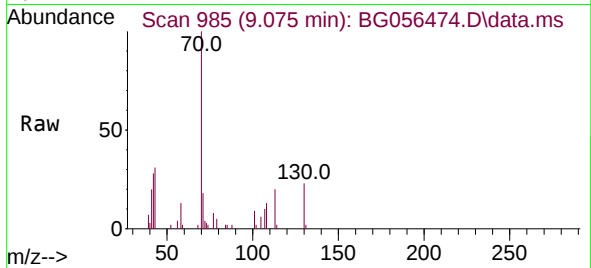
Tgt Ion:	117	Resp:	8088
Ion Ratio	Lower	Upper	
117	100		
119	94.3	79.4	119.0
201	158.4	128.5	192.7





#19
n-Nitroso-di-n-propylamine
Concen: 8.762 ng
RT: 9.075 min Scan# 985
Delta R.T. -0.011 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

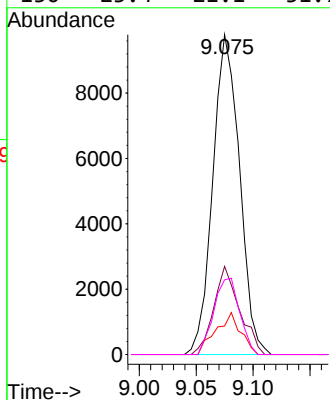
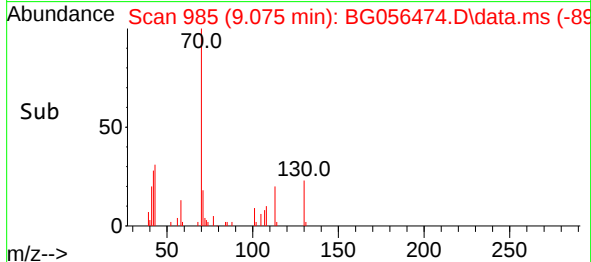
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 70 Resp: 1600
Ion Ratio Lower Upper
70 100
42 27.6 20.2 30.4
101 8.9 9.1 13.7
130 23.4 21.1 31.7

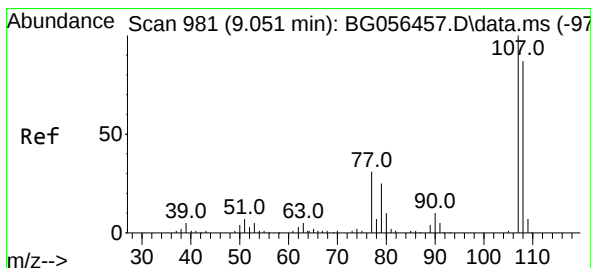
Manual Integrations
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Reviewed By :Christian
Giraldo



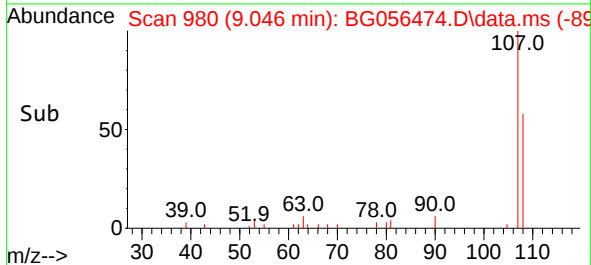
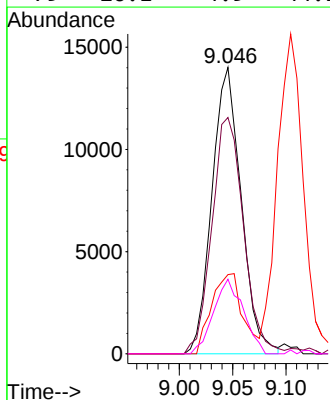
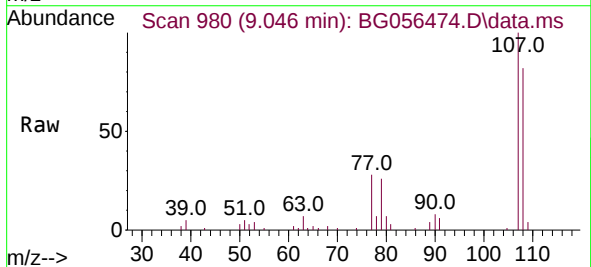
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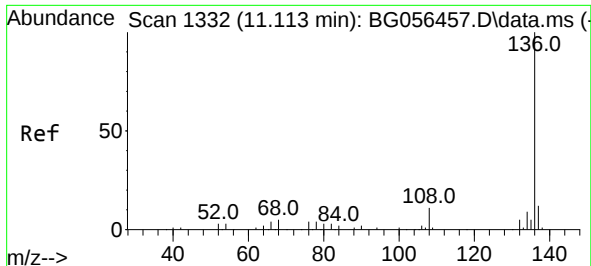
01/31/2023



#20
3+4-Methylphenols
Concen: 7.777 ng
RT: 9.046 min Scan# 980
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

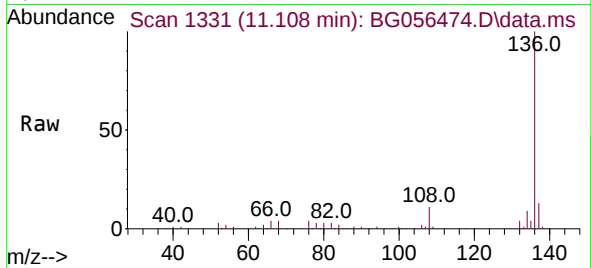
Tgt Ion:107 Resp: 26714
Ion Ratio Lower Upper
107 100
108 82.5 66.7 106.7
77 27.7 10.6 50.6
79 26.1 4.9 44.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.108 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

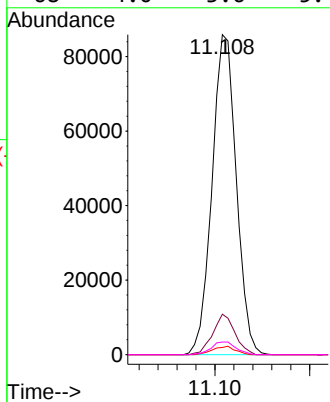
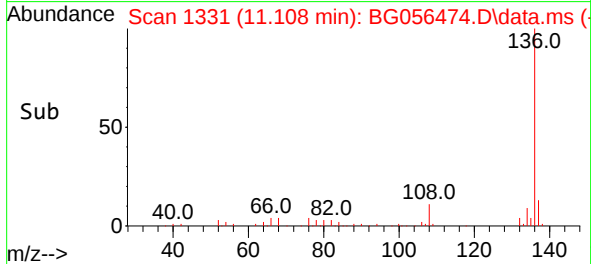
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:	136	Resp:	152593
Ion Ratio	Lower	Upper	
136	100		
137	12.6	9.4	14.0
54	2.3	2.2	3.4
68	4.0	3.6	5.4

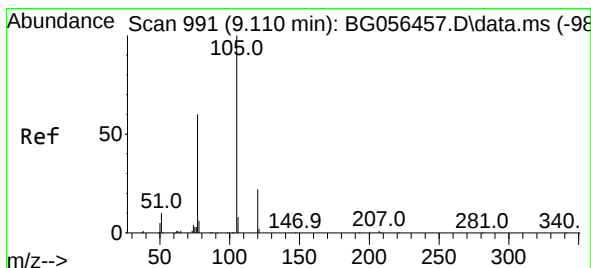
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



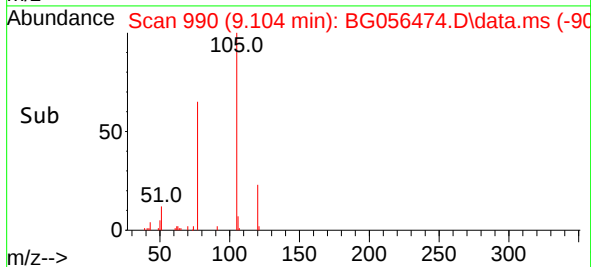
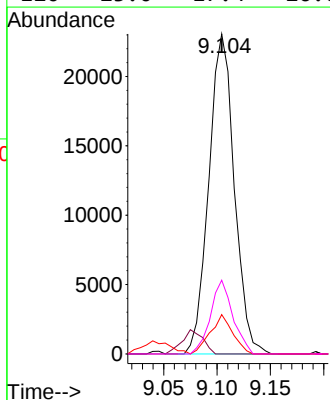
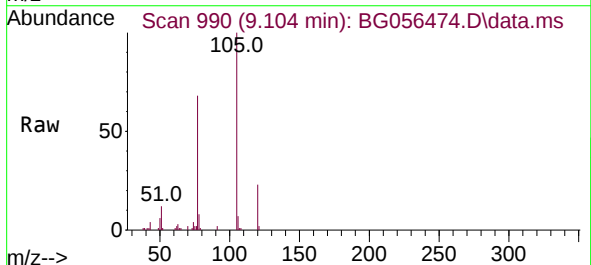
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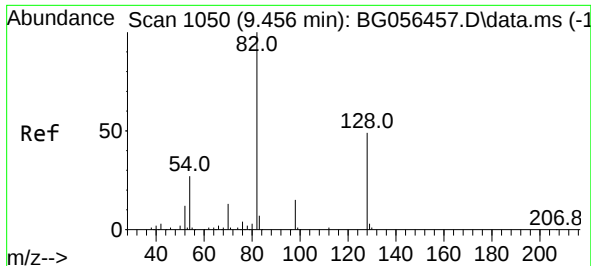
01/31/2023



#22
Acetophenone
Concen: 9.468 ng
RT: 9.104 min Scan# 990
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

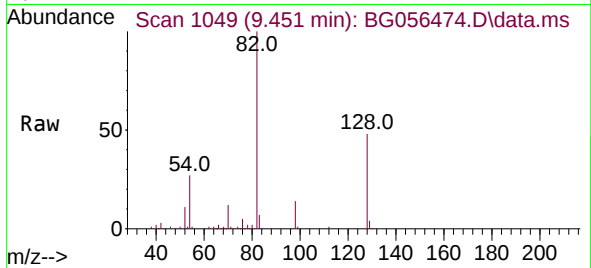
Tgt Ion:	105	Resp:	38385
Ion Ratio	Lower	Upper	
105	100		
71	0.0	0.6	0.8
51	12.3	9.2	13.8
120	23.0	17.4	26.0





#23
Nitrobenzene-d5
Concen: 69.557 ng
RT: 9.451 min Scan# 1049
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

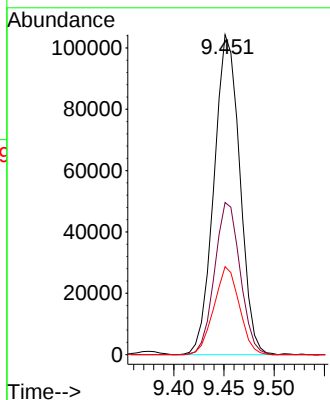
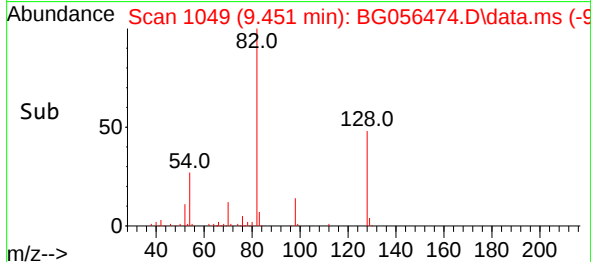
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 82 Resp: 186915
Ion Ratio Lower Upper
82 100
128 47.5 39.4 59.2
54 27.5 21.4 32.2

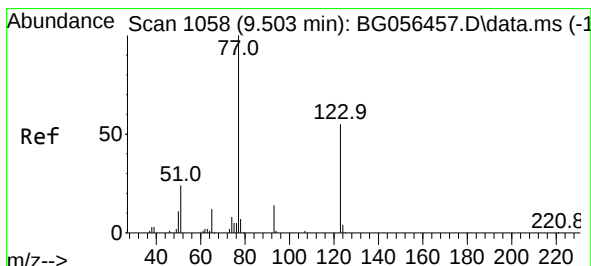
Manual Integrations
APPROVED

Reviewed By :Christian
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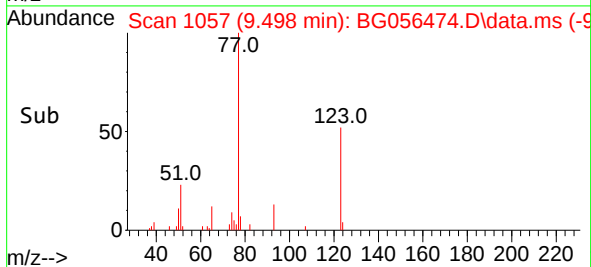
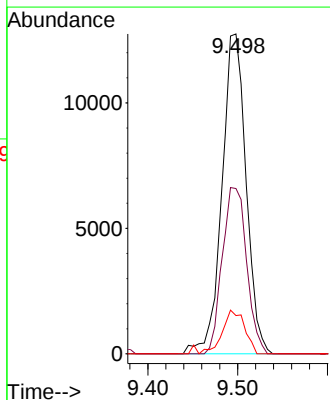
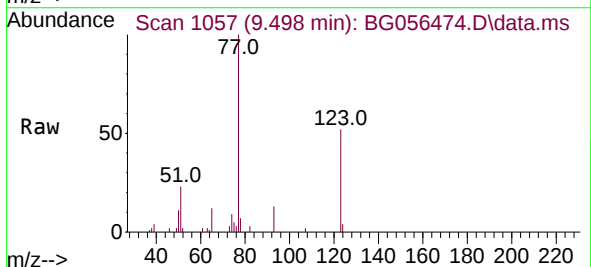
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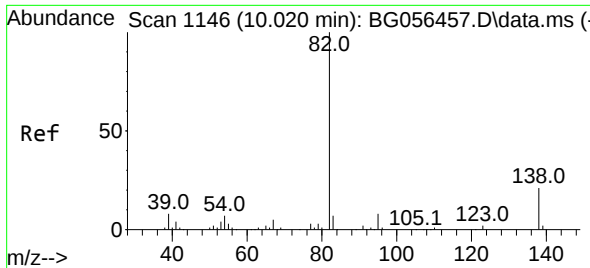
01/31/2023



#24
Nitrobenzene
Concen: 9.231 ng
RT: 9.498 min Scan# 1057
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

Tgt Ion: 77 Resp: 23927
Ion Ratio Lower Upper
77 100
123 51.7 44.0 66.0
65 12.0 9.7 14.5





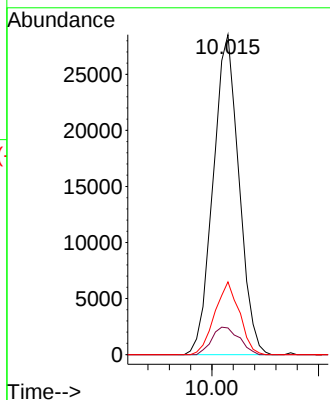
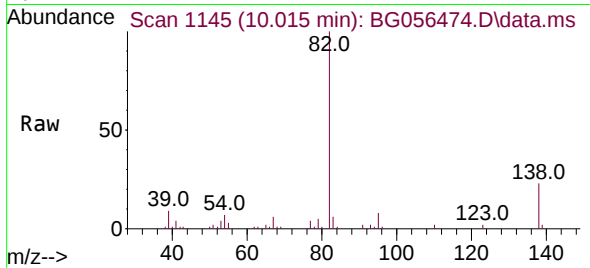
#25
Isophorone
Concen: 8.670 ng
RT: 10.015 min Scan# 1145
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion: 82 Resp: 48063
Ion Ratio Lower Upper
82 100
95 8.4 6.3 9.5
138 22.7 16.6 25.0

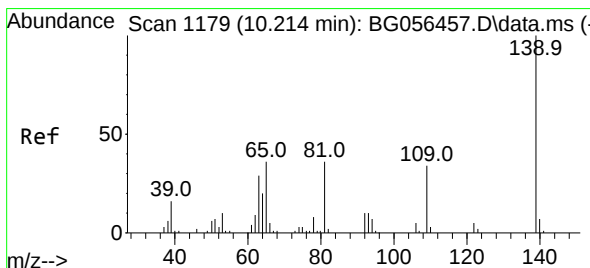
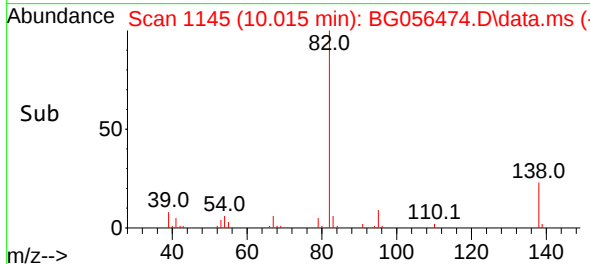
Manual Integrations
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Giraldo



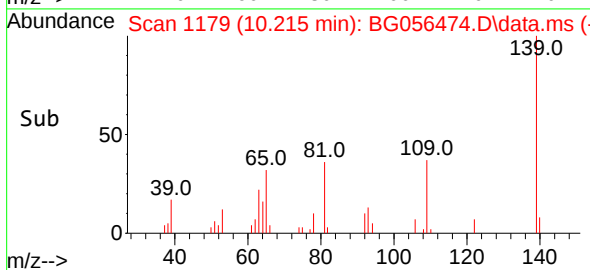
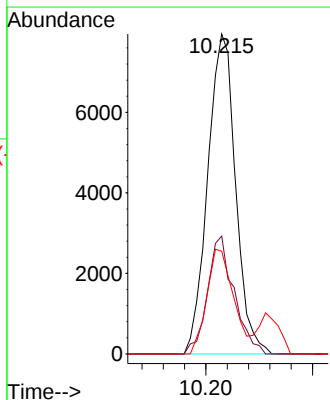
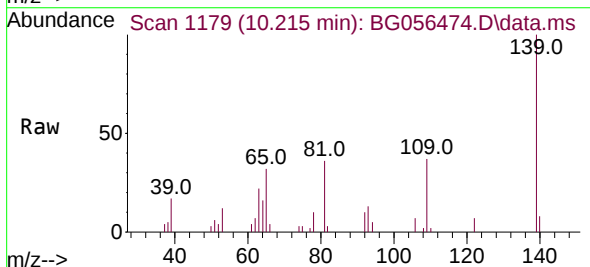
01/31/2023
Supervised By :Jagrut
Upadhyay

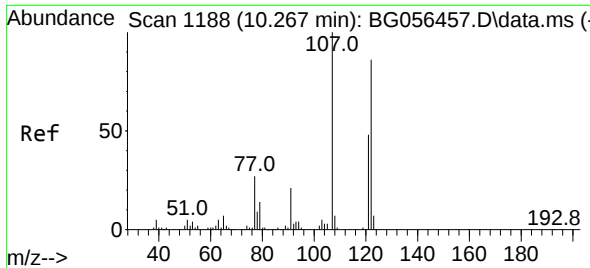
01/31/2023



#26
2-Nitrophenol
Concen: 9.172 ng
RT: 10.215 min Scan# 1179
Delta R.T. 0.001 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

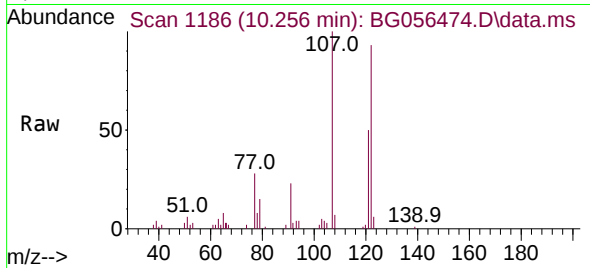
Tgt Ion:139 Resp: 14425
Ion Ratio Lower Upper
139 100
109 36.8 26.9 40.3
65 32.1 29.0 43.4





#27
2,4-Dimethylphenol
Concen: 7.982 ng
RT: 10.256 min Scan# 1186
Delta R.T. -0.011 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

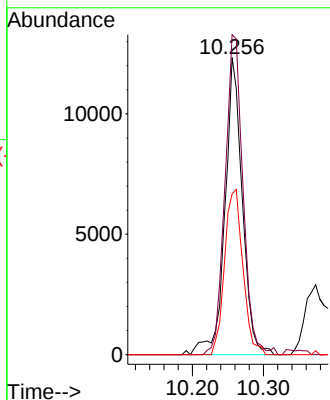
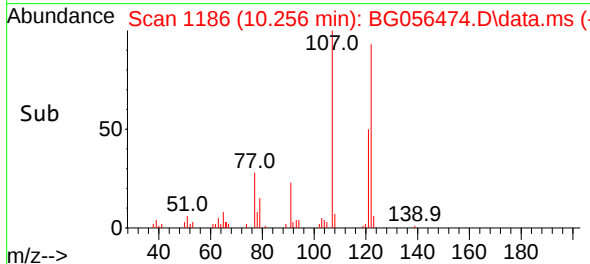
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT3-2022



Tgt Ion: 122 Resp: 2100
Ion Ratio Lower Upper
122 100
107 107.7 92.9 139.3
121 54.2 45.0 67.4

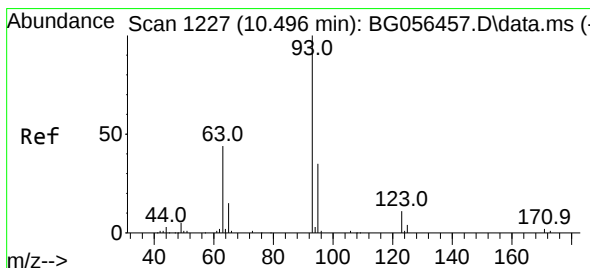
Manual Integrations
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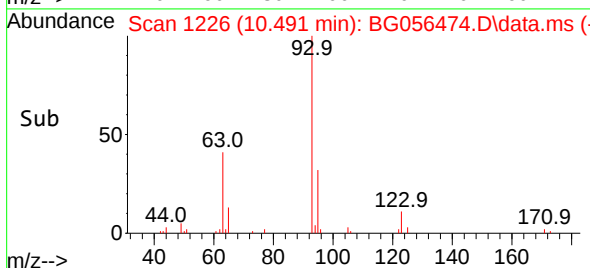
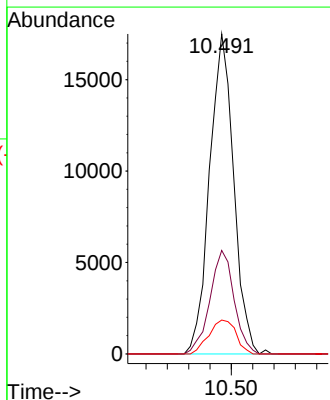
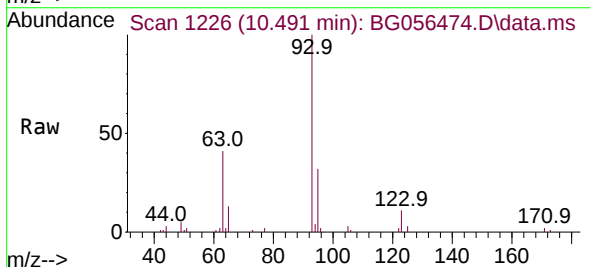
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Supervised By :Jagrut
Upadhyay

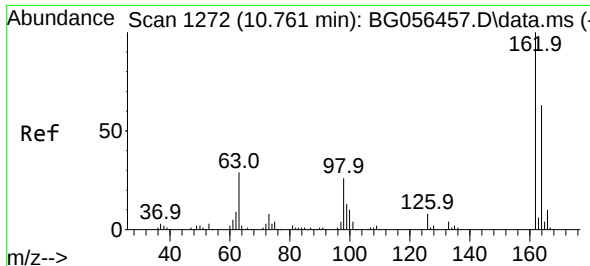
01/31/2023



#28
bis(2-Chloroethoxy)methane
Concen: 8.966 ng
RT: 10.491 min Scan# 1226
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

Tgt Ion: 93 Resp: 27460
Ion Ratio Lower Upper
93 100
95 32.3 27.9 41.9
123 10.6 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 8.649 ng

RT: 10.755 min Scan# 1271

Delta R.T. -0.005 min

Lab File: BG056474.D

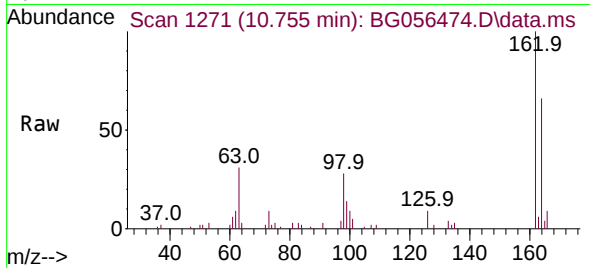
Acq: 30 Jan 2023 17:56

Instrument :

BNA_G

ClientSampleId :

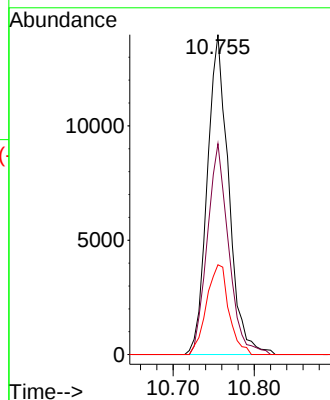
LOQ-WATER-02-QT3-2022



Tgt Ion:	162	Resp:	25624
Ion Ratio	Lower	Upper	
162	100		
164	65.9	42.8	82.8
98	28.1	6.5	46.5

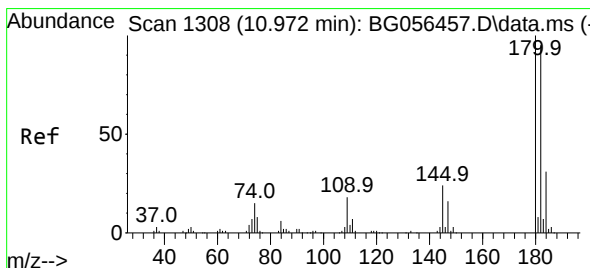
Manual Integrations
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Upadhyay

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#30

1,2,4-Trichlorobenzene

Concen: 9.322 ng

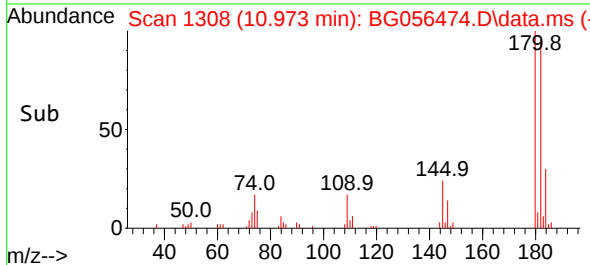
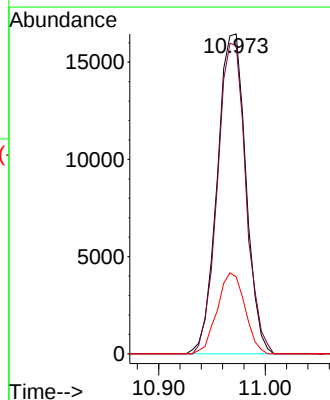
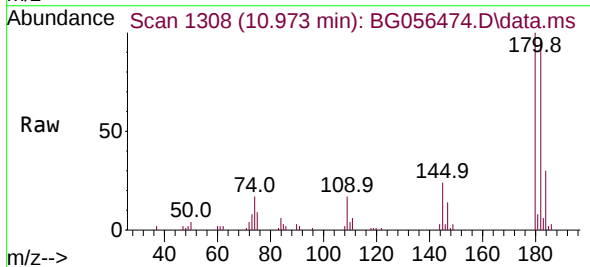
RT: 10.973 min Scan# 1308

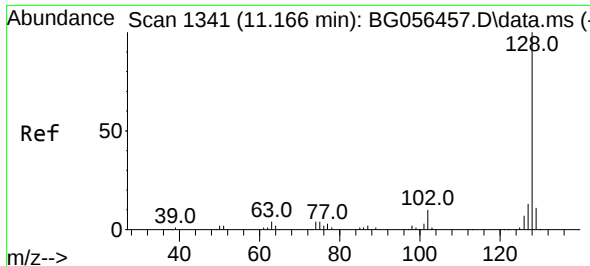
Delta R.T. 0.001 min

Lab File: BG056474.D

Acq: 30 Jan 2023 17:56

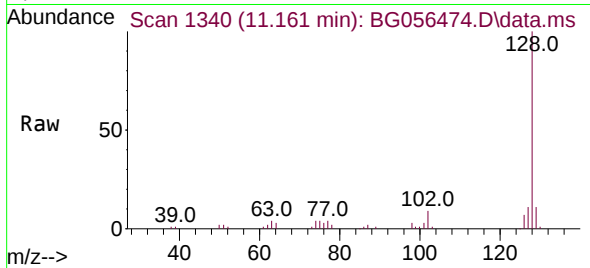
Tgt Ion:	180	Resp:	30689
Ion Ratio	Lower	Upper	
180	100		
182	96.5	75.9	113.9
145	24.1	19.4	29.0





#31
Naphthalene
Concen: 9.102 ng
RT: 11.161 min Scan# 1341
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

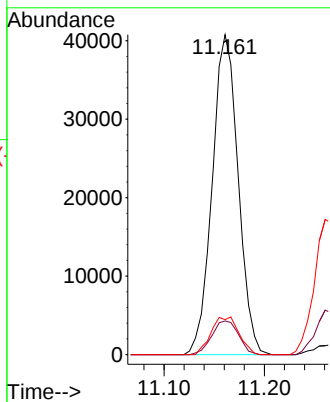
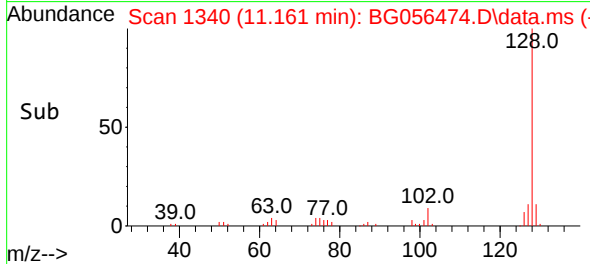
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:128 Resp: 73309
Ion Ratio Lower Upper
128 100
129 10.5 8.7 13.1
127 11.0 10.4 15.6

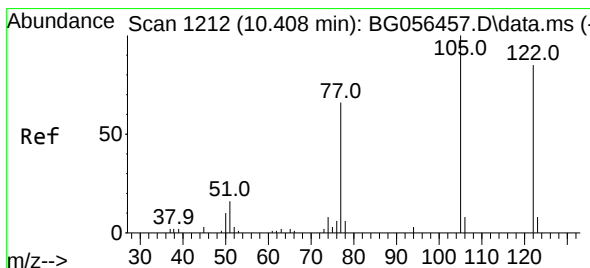
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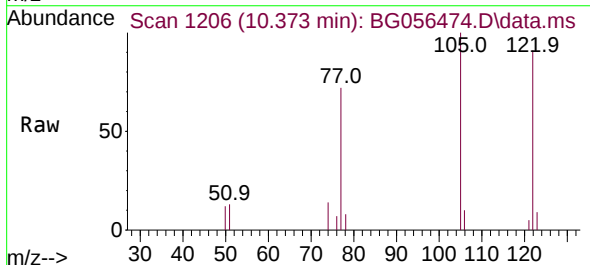


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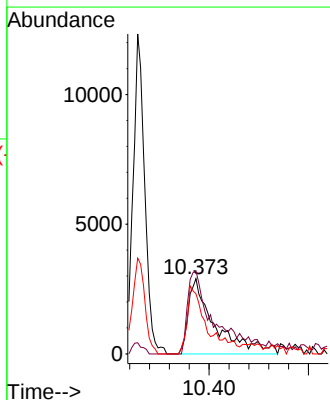
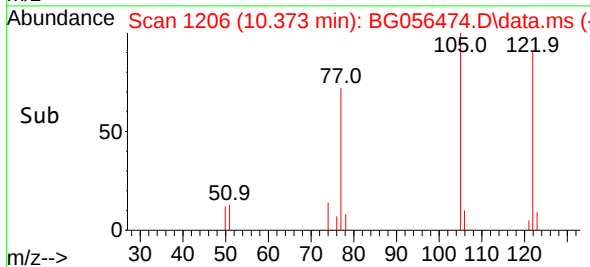
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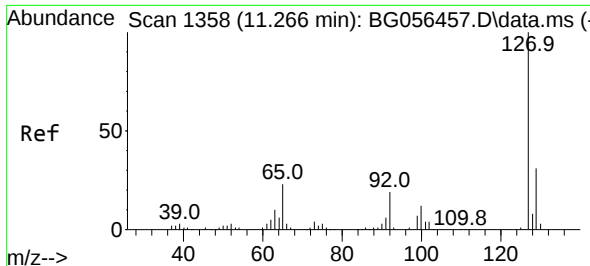


#32
Benzoic acid
Concen: 7.365 ng m
RT: 10.373 min Scan# 1206
Delta R.T. -0.035 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56



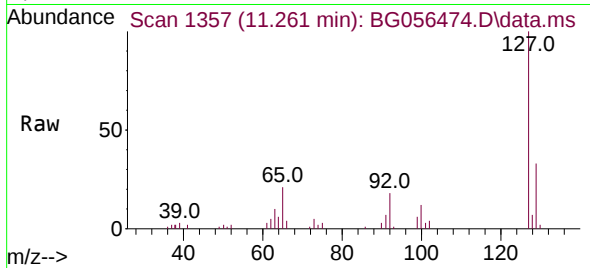
Tgt Ion:122 Resp: 10845
Ion Ratio Lower Upper
122 100
105 110.3 96.5 136.5
77 79.7 57.3 97.3





#33
4-Chloroaniline
Concen: 8.722 ng
RT: 11.261 min Scan# 1358
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

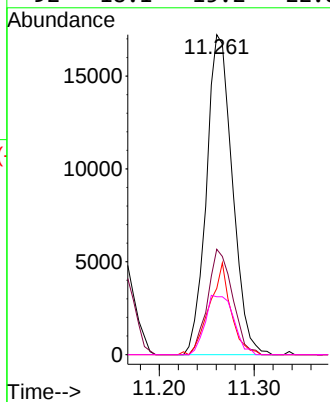
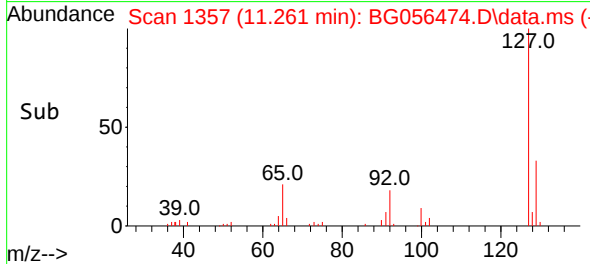
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:127 Resp: 32789
Ion Ratio Lower Upper
127 100
129 32.9 25.0 37.6
65 20.7 18.5 27.7
92 18.1 15.2 22.8

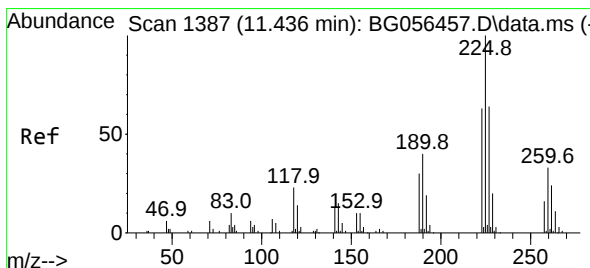
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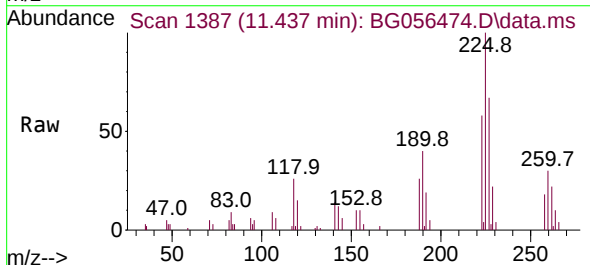


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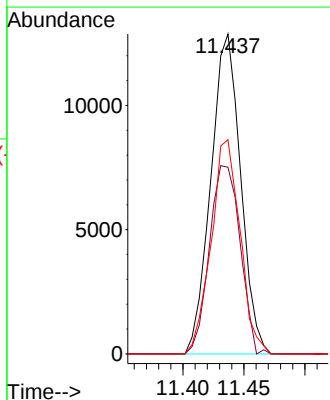
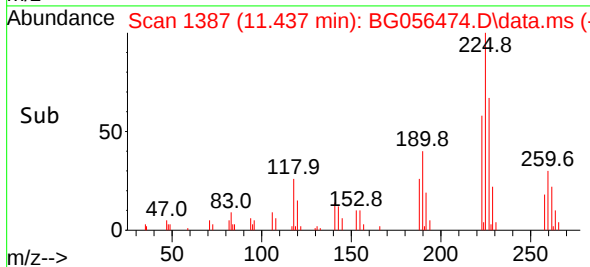
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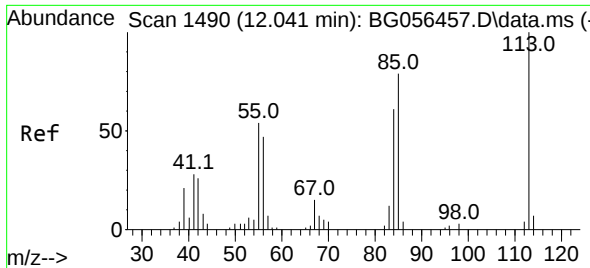


#34
Hexachlorobutadiene
Concen: 9.468 ng
RT: 11.437 min Scan# 1387
Delta R.T. 0.001 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56



Tgt Ion:225 Resp: 21880
Ion Ratio Lower Upper
225 100
223 58.3 50.6 75.8
227 66.9 53.7 80.5





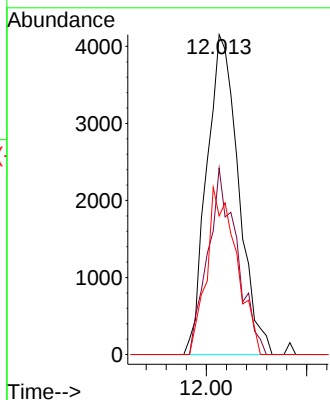
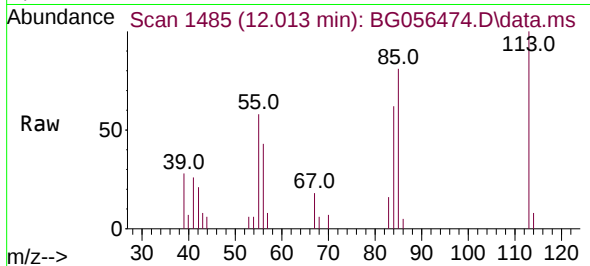
#35
Caprolactam
Concen: 9.135 ng
RT: 12.013 min Scan# 1490
Delta R.T. -0.029 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion:113 Resp: 912
Ion Ratio Lower Upper
113 100
55 58.3 33.7 73.7
56 43.3 27.1 67.1

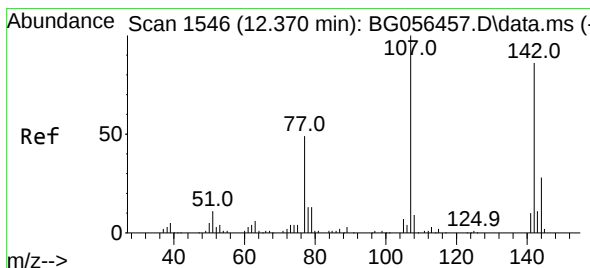
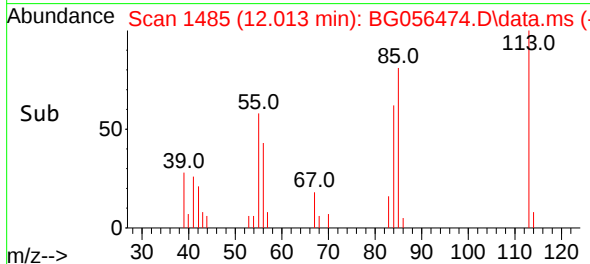
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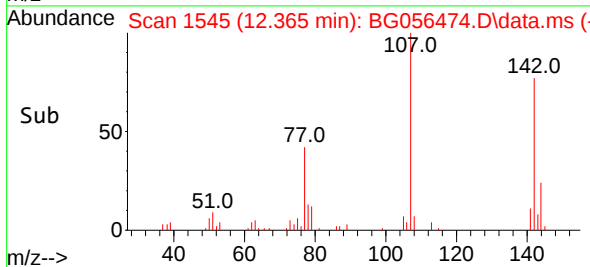
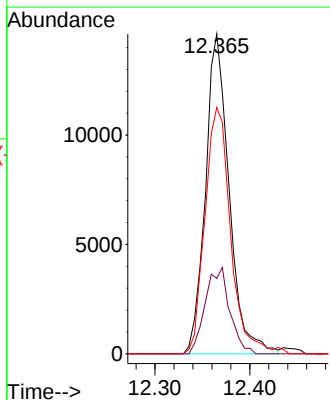
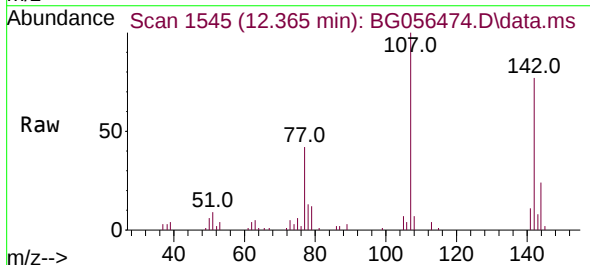
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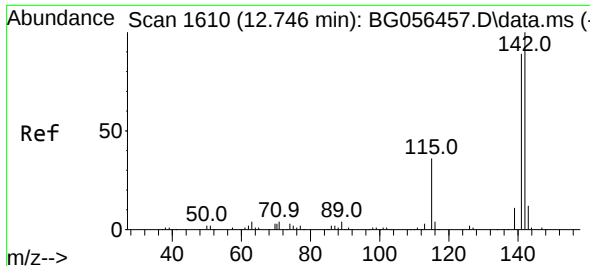
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#36
4-Chloro-3-methylphenol
Concen: 8.882 ng
RT: 12.365 min Scan# 1545
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

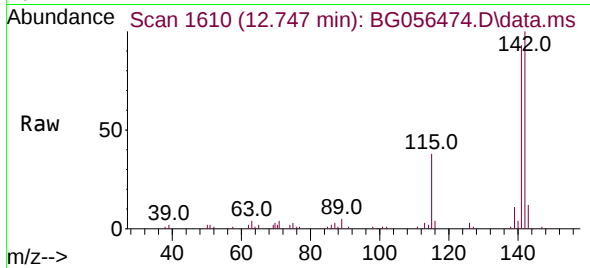
Tgt Ion:107 Resp: 25412
Ion Ratio Lower Upper
107 100
144 23.6 22.3 33.5
142 77.0 68.9 103.3





#37
2-Methylnaphthalene
Concen: 8.597 ng
RT: 12.747 min Scan# 1610
Delta R.T. 0.001 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

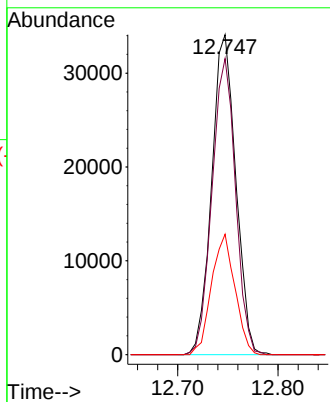
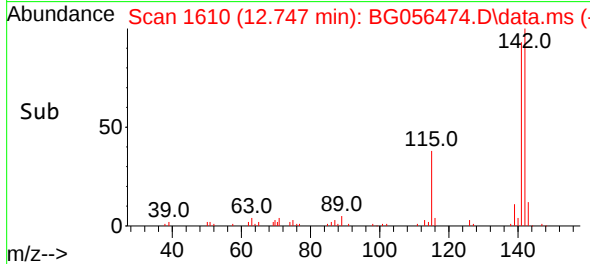
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:142 Resp: 57079
Ion Ratio Lower Upper
142 100
141 92.5 71.4 107.0
115 37.6 28.4 42.6

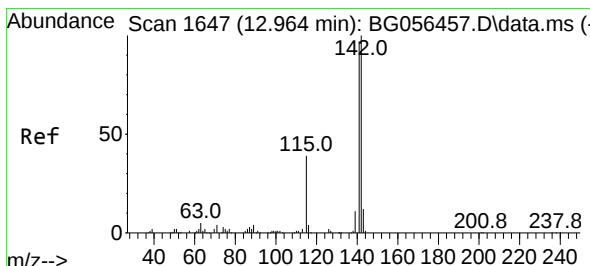
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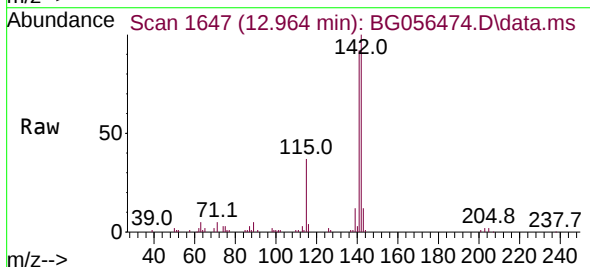


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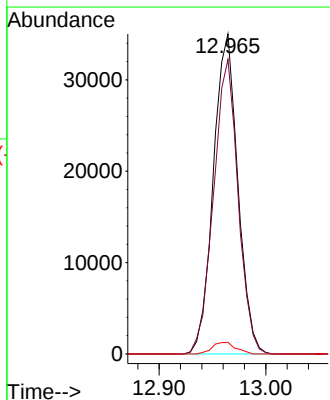
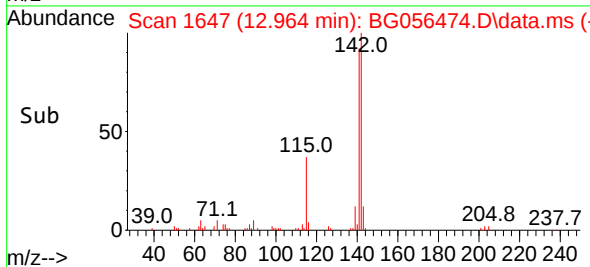
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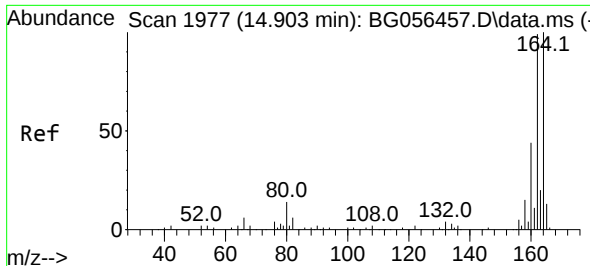


#38
1-Methylnaphthalene
Concen: 9.024 ng
RT: 12.964 min Scan# 1647
Delta R.T. 0.000 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56



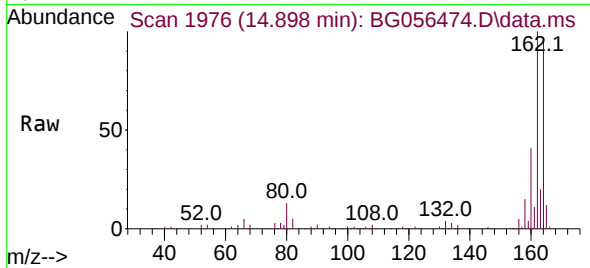
Tgt Ion:142 Resp: 55960
Ion Ratio Lower Upper
142 100
141 92.0 77.7 116.5
116 3.6 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.898 min Scan# 1976
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

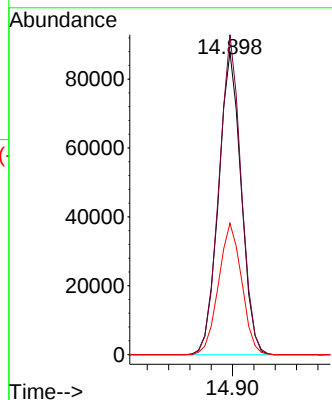
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:164 Resp: 12926
Ion Ratio Lower Upper
164 100
162 105.7 79.6 119.4
160 43.4 34.9 52.3

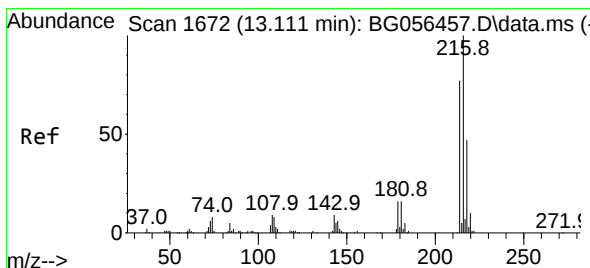
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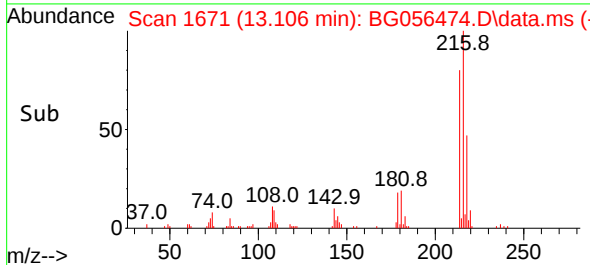
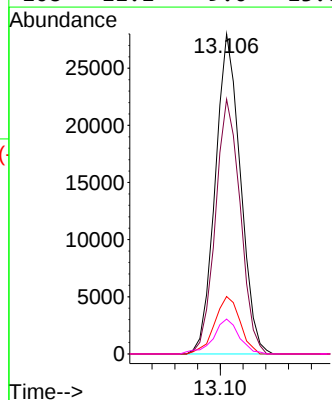
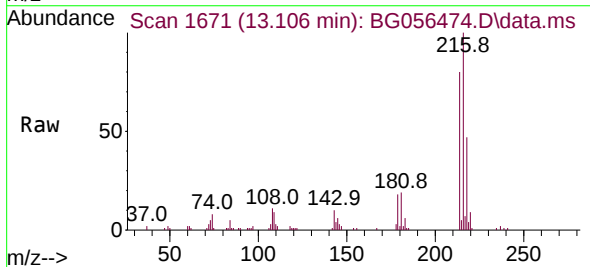
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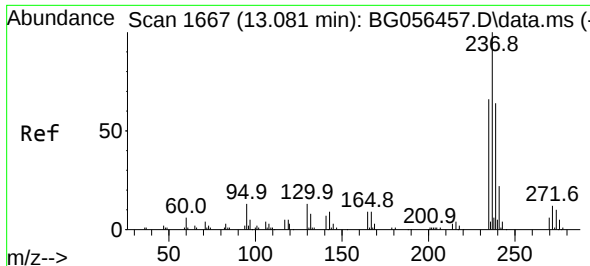
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.103 ng
RT: 13.106 min Scan# 1671
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

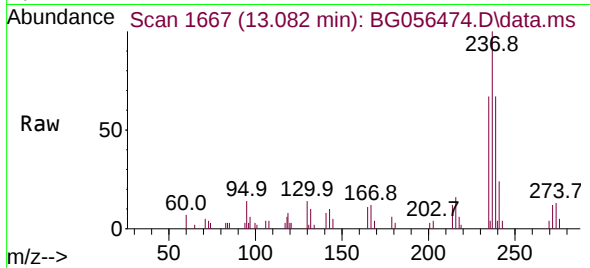
Tgt Ion:216 Resp: 42987
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.6
179 18.0 14.1 21.1
108 11.1 9.0 13.6





#41
Hexachlorocyclopentadiene
Concen: 11.103 ng
RT: 13.082 min Scan# 1667
Delta R.T. 0.001 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

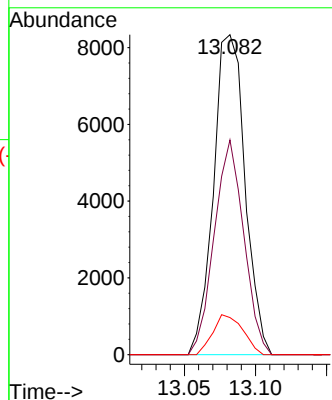
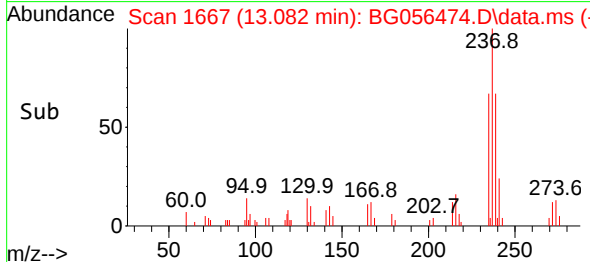
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:237 Resp: 12870
Ion Ratio Lower Upper
237 100
235 71.0 45.6 85.6
272 11.6 0.0 32.3

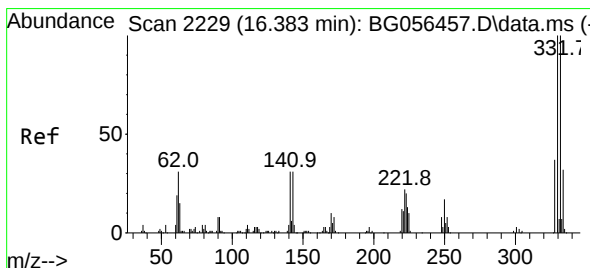
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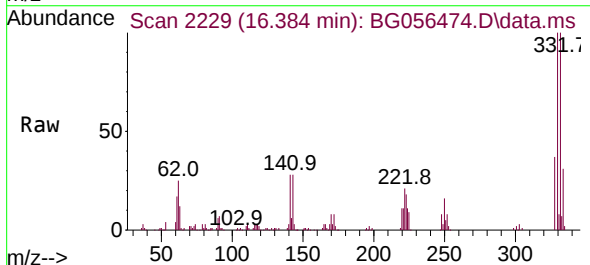


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Upadhyay

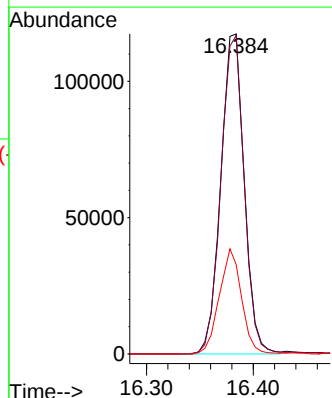
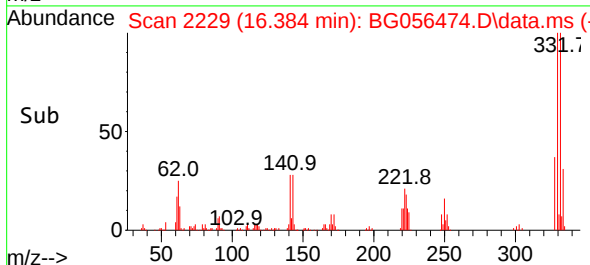
01/31/2023

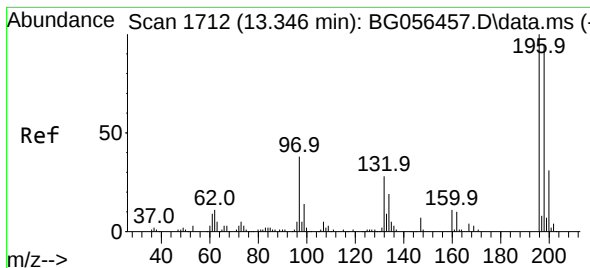


#42
2,4,6-Tribromophenol
Concen: 104.372 ng
RT: 16.384 min Scan# 2229
Delta R.T. 0.001 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56



Tgt Ion:330 Resp: 179357
Ion Ratio Lower Upper
330 100
332 99.4 79.0 118.6
141 31.1 24.2 36.4





#43

2,4,6-Trichlorophenol

Concen: 8.475 ng

RT: 13.341 min Scan# 1712

Delta R.T. -0.005 min

Lab File: BG056474.D

Acq: 30 Jan 2023 17:56

Instrument :

BNA_G

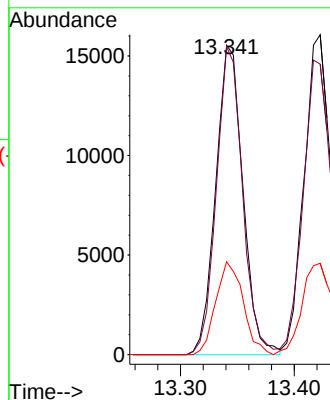
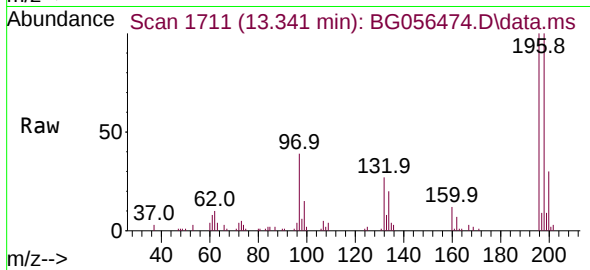
ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion:196 Resp: 25791
 Ion Ratio Lower Upper
 196 100
 198 99.5 75.4 113.0
 200 31.8 25.0 37.6

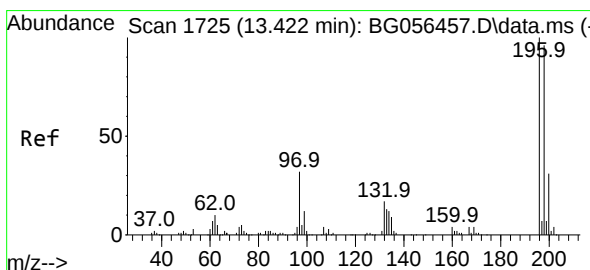
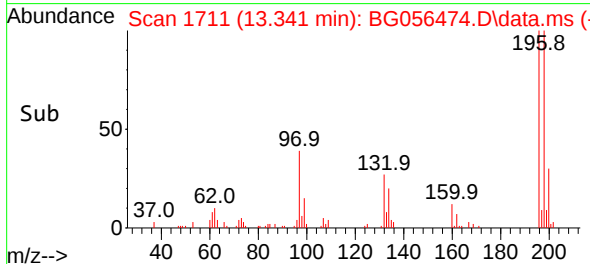
Manual Integrations
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 Supervised By :Jagrut
 Upadhyay

01/31/2023



#44

2,4,5-Trichlorophenol

Concen: 7.843 ng

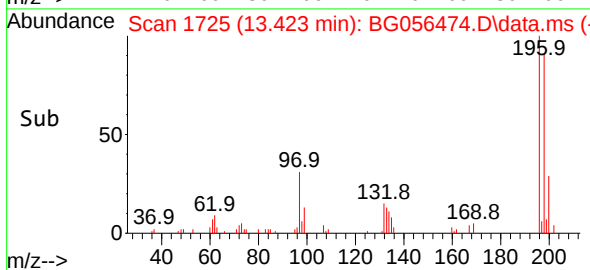
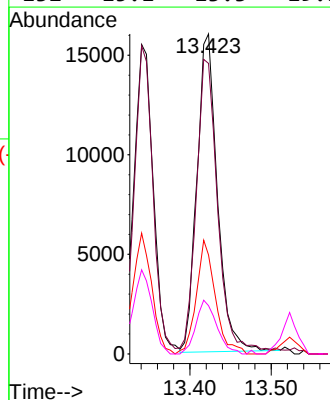
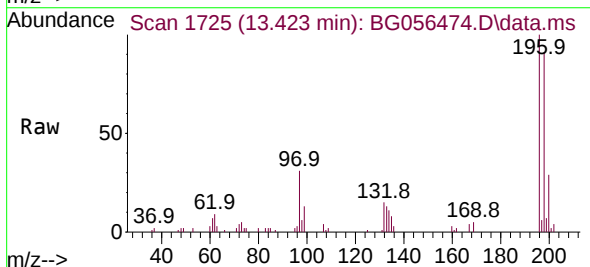
RT: 13.423 min Scan# 1725

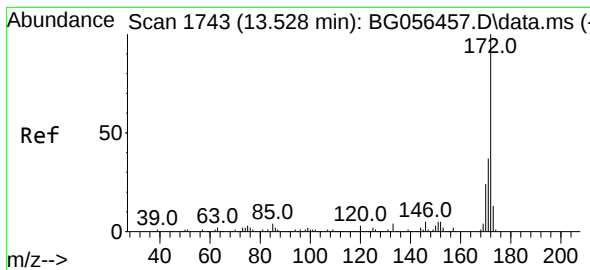
Delta R.T. 0.001 min

Lab File: BG056474.D

Acq: 30 Jan 2023 17:56

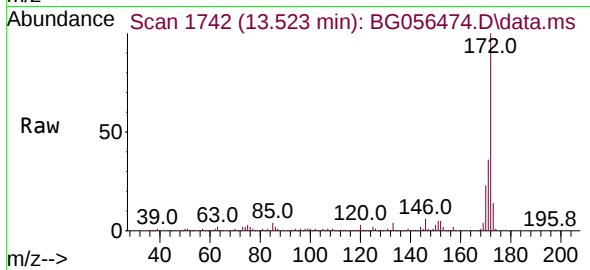
Tgt Ion:196 Resp: 27945
 Ion Ratio Lower Upper
 196 100
 198 90.8 76.9 115.3
 97 30.9 25.8 38.6
 132 15.1 13.3 19.9





#45
2-Fluorobiphenyl
Concen: 68.824 ng
RT: 13.523 min Scan# 1742
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

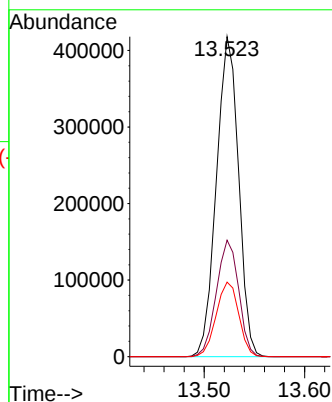
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT3-2022



Tgt Ion:172 Resp: 641666
Ion Ratio Lower Upper
172 100
171 36.4 29.5 44.3
170 23.3 19.2 28.8

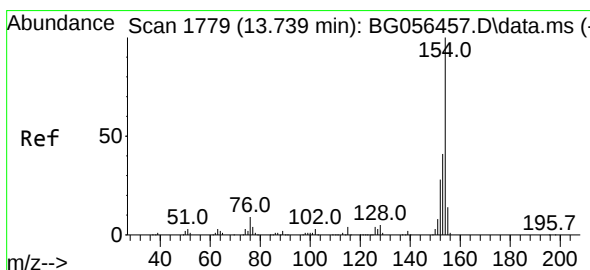
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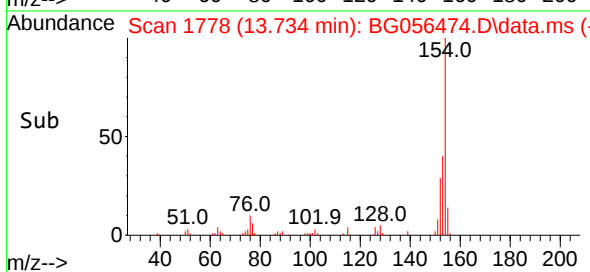
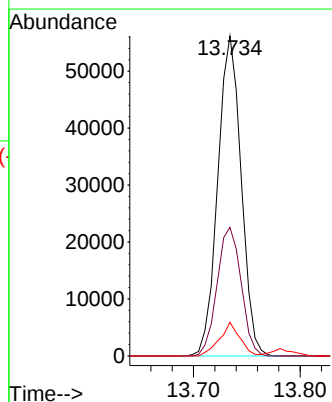
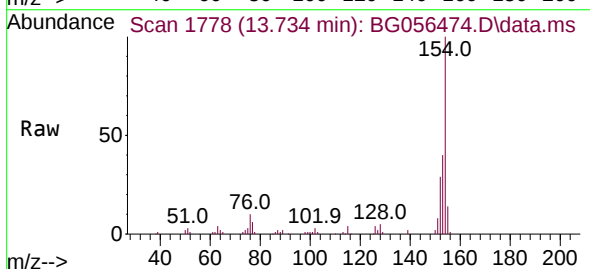
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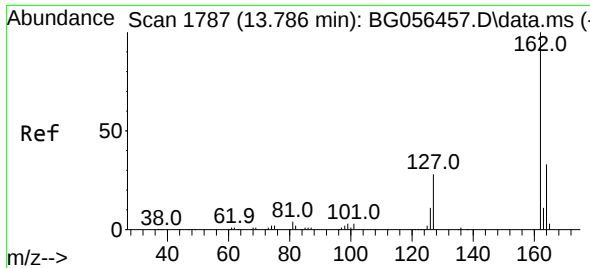
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#46
1,1'-Biphenyl
Concen: 9.132 ng
RT: 13.734 min Scan# 1778
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

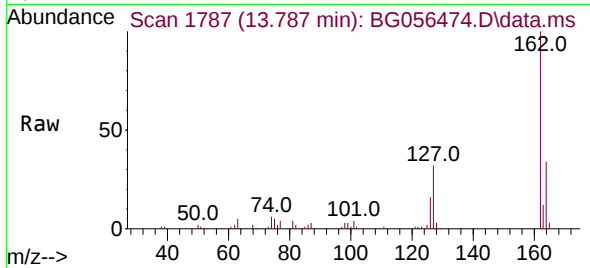
Tgt Ion:154 Resp: 85617
Ion Ratio Lower Upper
154 100
153 40.2 21.5 61.5
76 10.5 0.0 28.8





#47
2-Chloronaphthalene
Concen: 9.072 ng
RT: 13.787 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

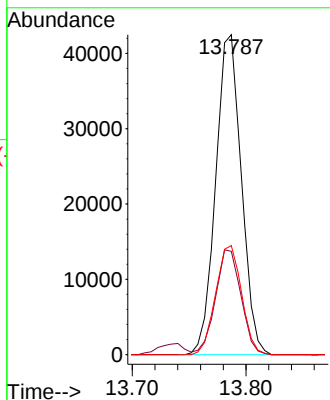
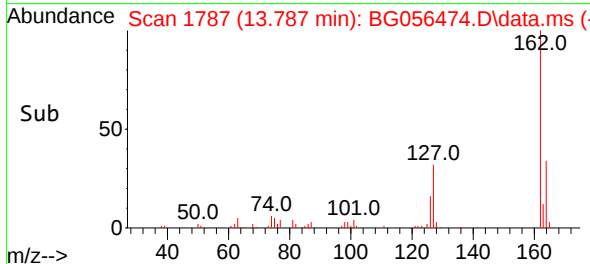
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:162 Resp: 66482
Ion Ratio Lower Upper
162 100
127 32.3 25.2 37.8
164 34.1 26.2 39.2

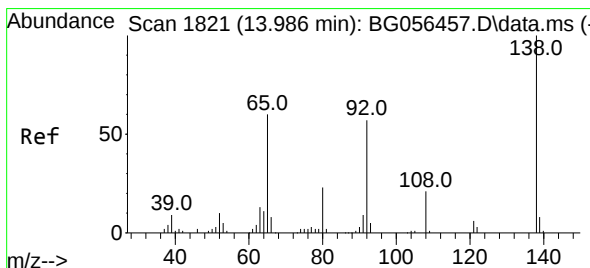
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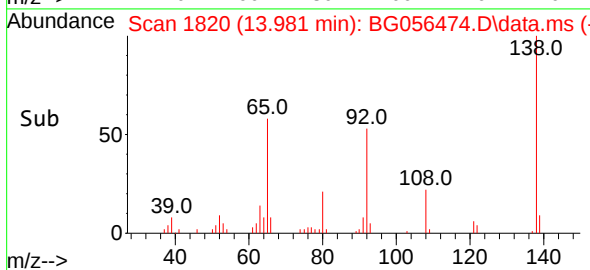
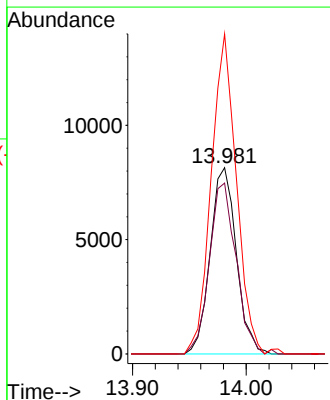
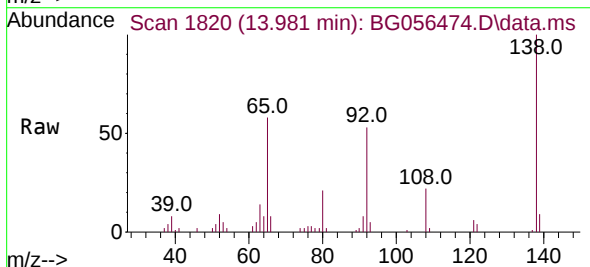
01/31/2023
Supervised By :Jagrut
Upadhyay

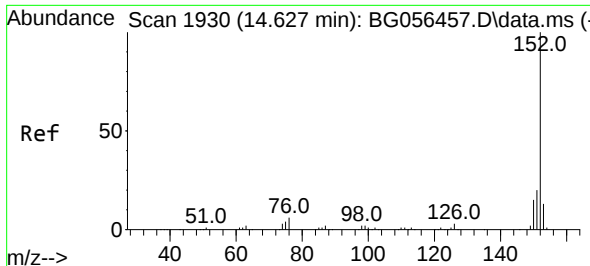
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#48
2-Nitroaniline
Concen: 8.588 ng
RT: 13.981 min Scan# 1820
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

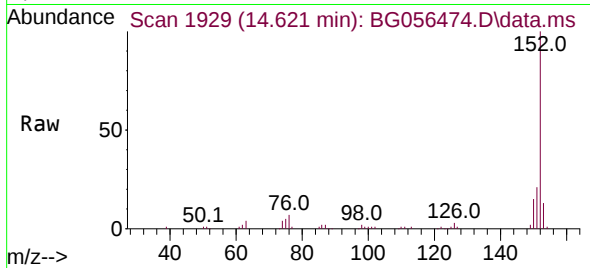
Tgt Ion: 65 Resp: 13011
Ion Ratio Lower Upper
65 100
92 91.7 75.8 113.6
138 171.9 133.2 199.8





#49
Acenaphthylene
Concen: 8.927 ng
RT: 14.621 min Scan# 1930
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

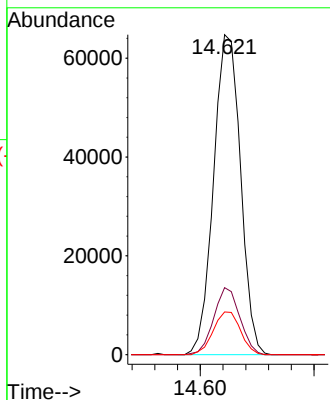
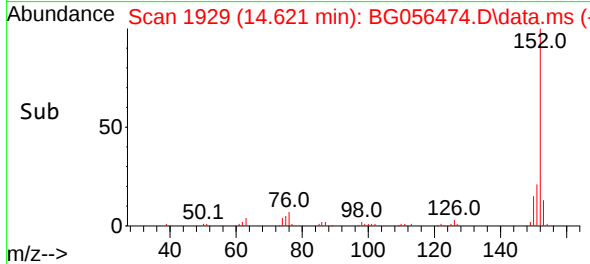
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:152 Resp: 106435
Ion Ratio Lower Upper
152 100
151 20.9 15.9 23.9
153 13.3 10.5 15.7

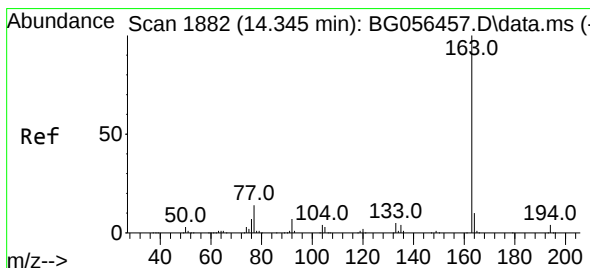
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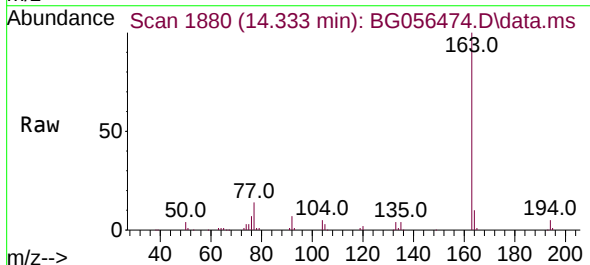


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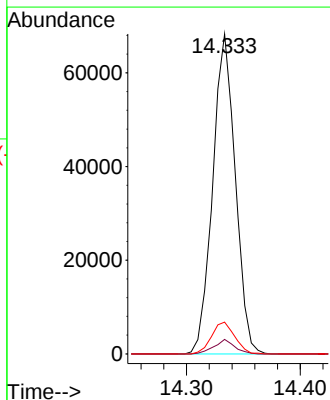
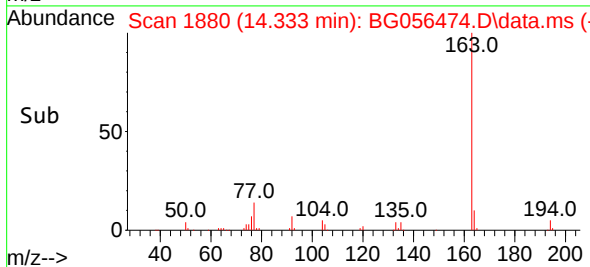
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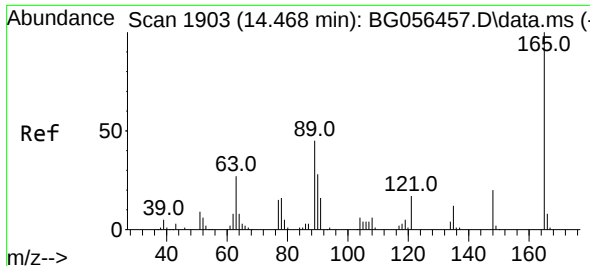


#50
Dimethylphthalate
Concen: 9.001 ng
RT: 14.333 min Scan# 1880
Delta R.T. -0.011 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56



Tgt Ion:163 Resp: 94127
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 9.9 8.1 12.1





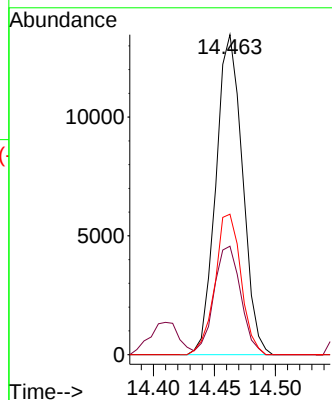
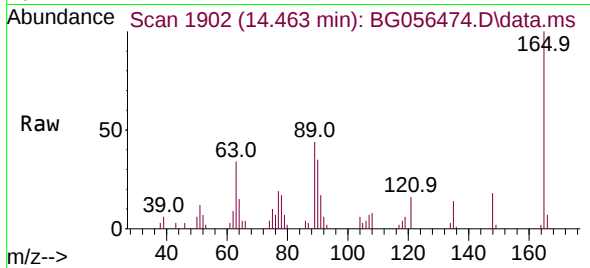
#51
2,6-Dinitrotoluene
Concen: 8.964 ng
RT: 14.463 min Scan# 1903
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion:165 Resp: 20443
Ion Ratio Lower Upper
165 100
63 33.9 26.9 40.3
89 43.9 35.6 53.4

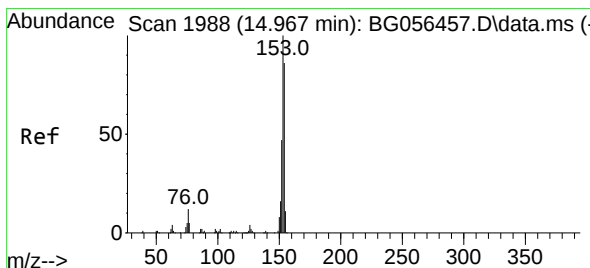
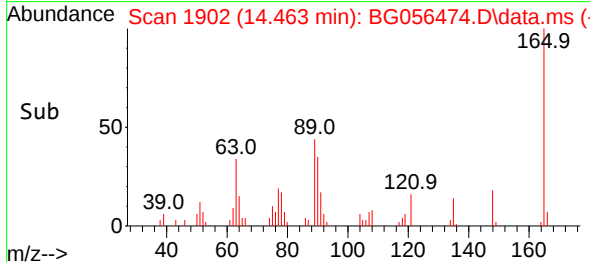
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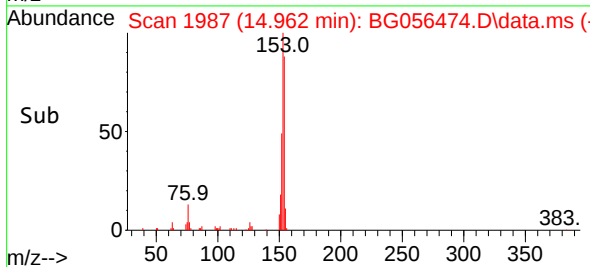
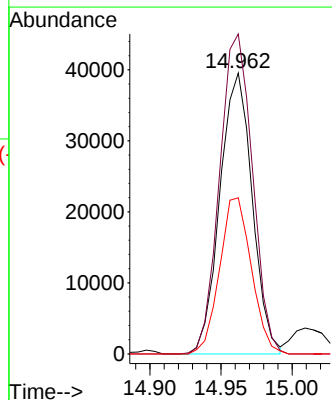
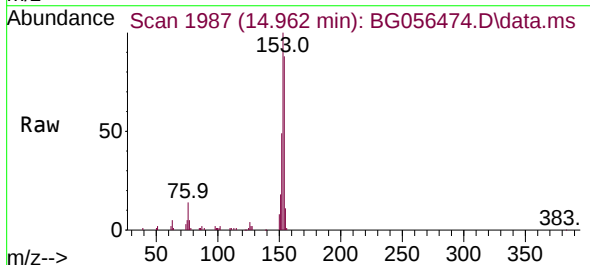
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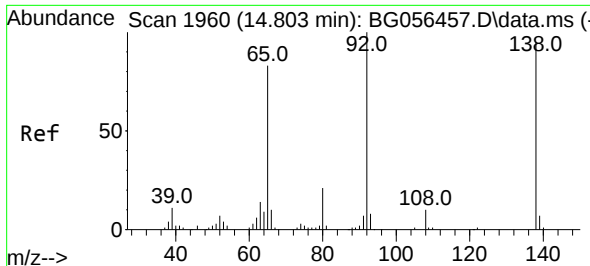
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#52
Acenaphthene
Concen: 8.845 ng
RT: 14.962 min Scan# 1987
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

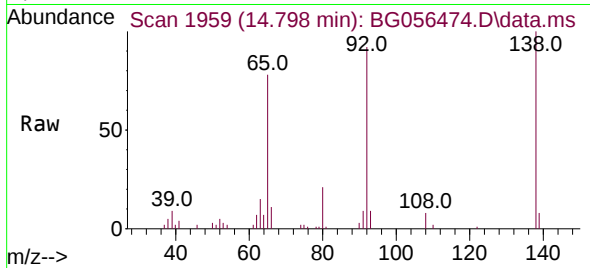
Tgt Ion:154 Resp: 62538
Ion Ratio Lower Upper
154 100
153 113.9 93.4 140.0
152 55.6 43.4 65.2





#53
3-Nitroaniline
Concen: 8.713 ng
RT: 14.798 min Scan# 1959
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

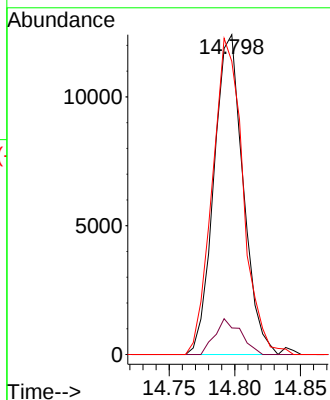
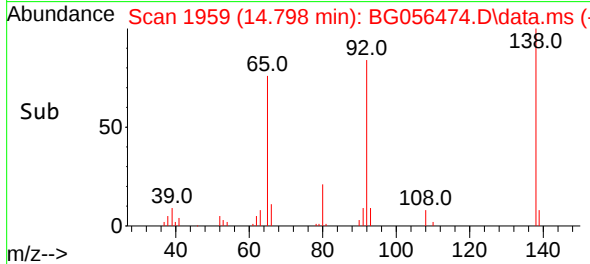
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:138 Resp: 19264
Ion Ratio Lower Upper
138 100
108 8.3 8.0 12.0
92 91.6 84.1 126.1

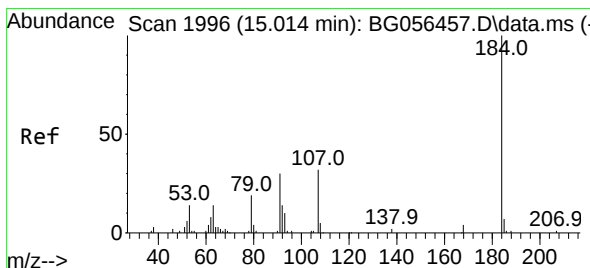
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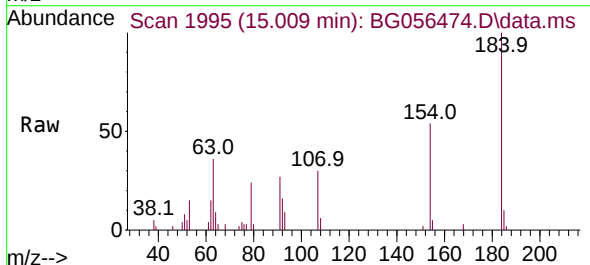


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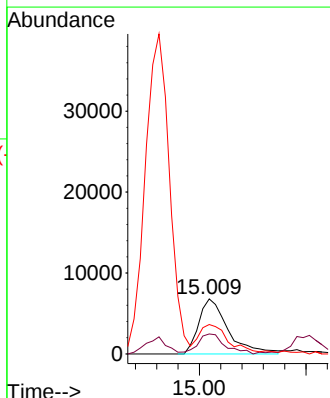
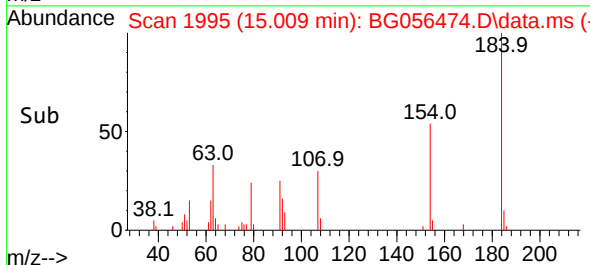
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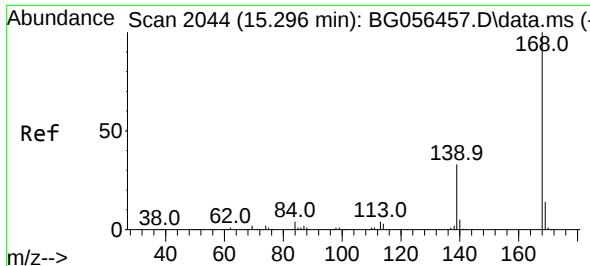


#54
2,4-Dinitrophenol
Concen: 9.037 ng
RT: 15.009 min Scan# 1995
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56



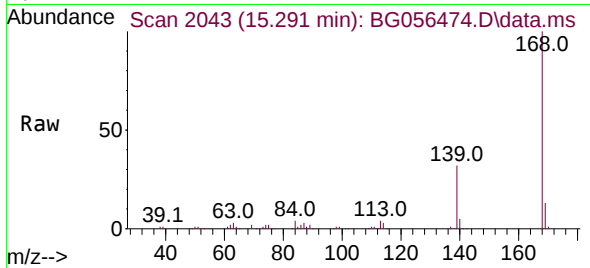
Tgt Ion:184 Resp: 12921
Ion Ratio Lower Upper
184 100
63 36.4 25.1 37.7
154 53.6 44.8 67.2





#55
Dibenzenofuran
Concen: 9.044 ng
RT: 15.291 min Scan# 2044
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

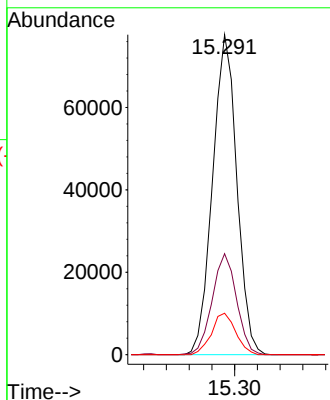
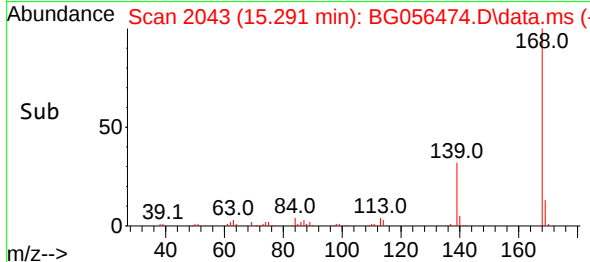
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:168 Resp: 114680
Ion Ratio Lower Upper
168 100
139 31.5 26.2 39.2
169 12.9 11.0 16.6

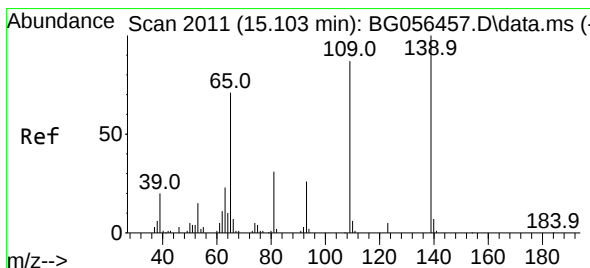
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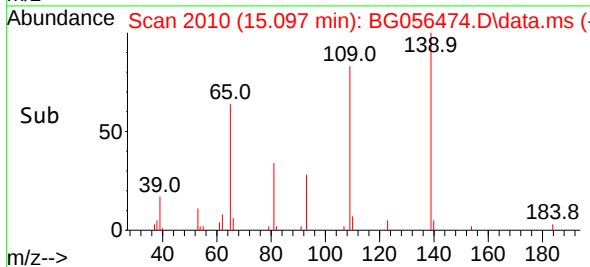
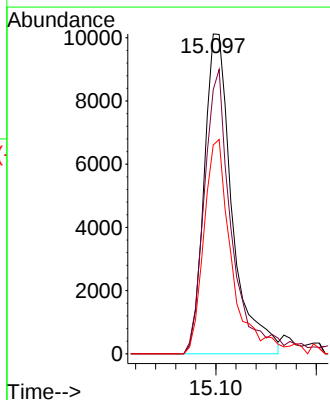
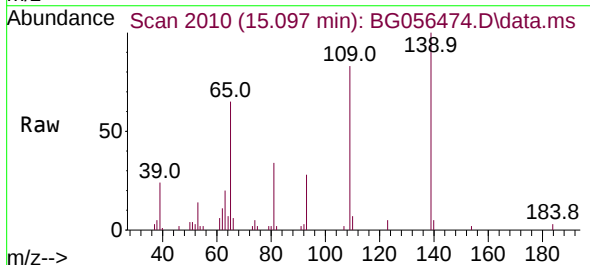
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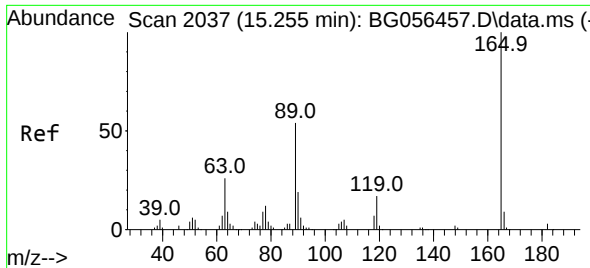
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#56
4-Nitrophenol
Concen: 12.955 ng
RT: 15.097 min Scan# 2010
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

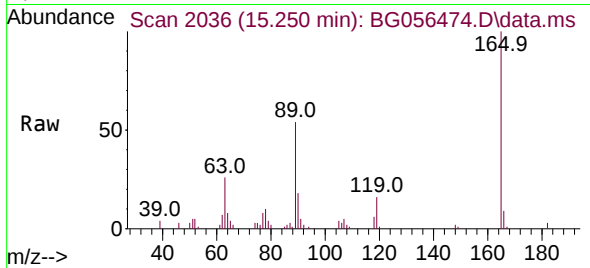
Tgt Ion:139 Resp: 19572
Ion Ratio Lower Upper
139 100
109 82.6 67.5 107.5
65 65.3 50.7 90.7





#57
2,4-Dinitrotoluene
Concen: 8.945 ng
RT: 15.250 min Scan# 2037
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

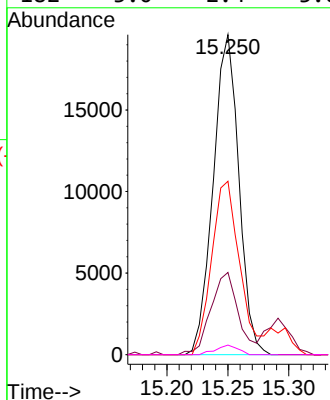
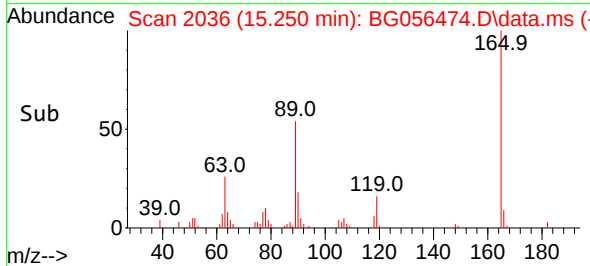
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT3-2022



Tgt Ion:165 Resp: 28735
Ion Ratio Lower Upper
165 100
63 25.7 20.6 31.0
89 54.2 43.1 64.7
182 3.0 2.4 3.6

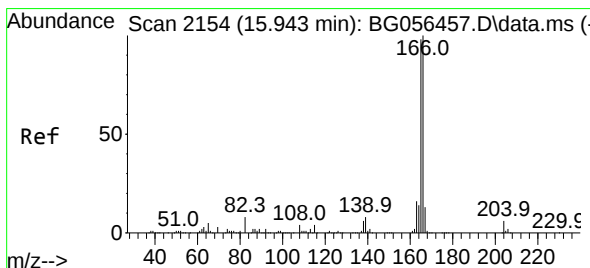
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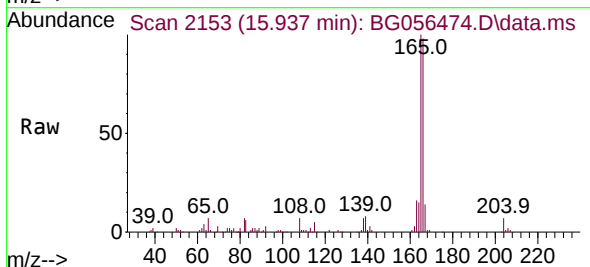


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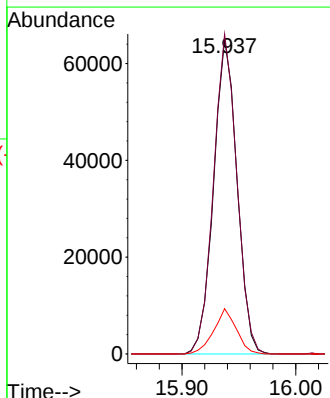
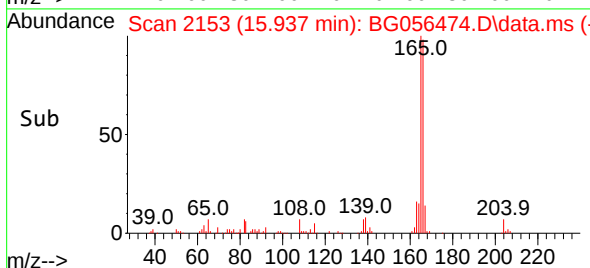
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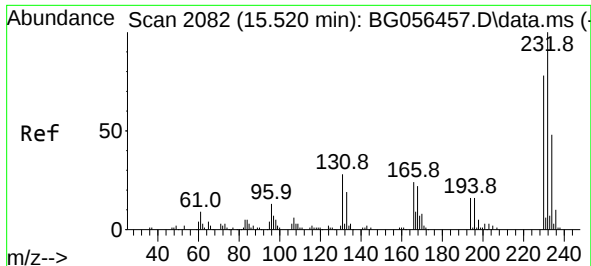


#58
Fluorene
Concen: 9.207 ng
RT: 15.937 min Scan# 2153
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56



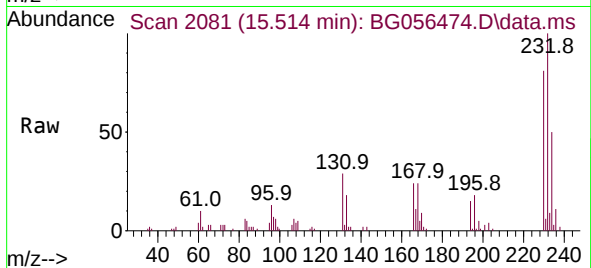
Tgt Ion:166 Resp: 92900
Ion Ratio Lower Upper
166 100
165 101.6 78.8 118.2
167 14.4 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 8.676 ng
RT: 15.514 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

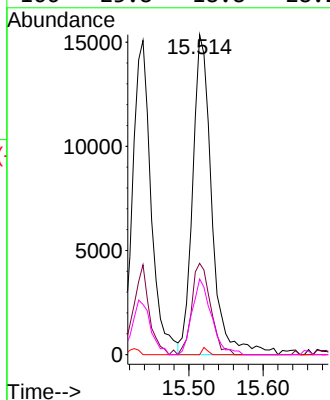
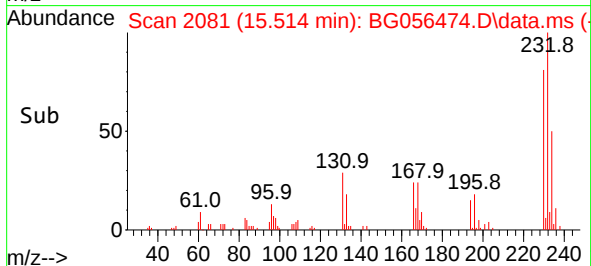
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:232 Resp: 27485
Ion Ratio Lower Upper
232 100
131 28.4 22.8 34.2
130 0.6 1.4 2.0
166 23.8 18.8 28.2

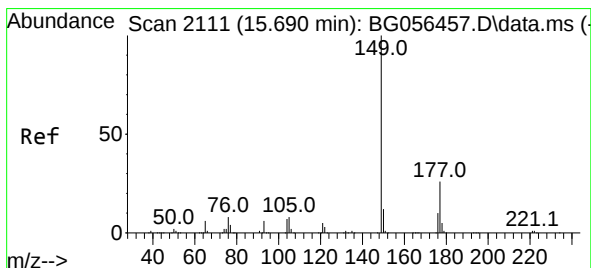
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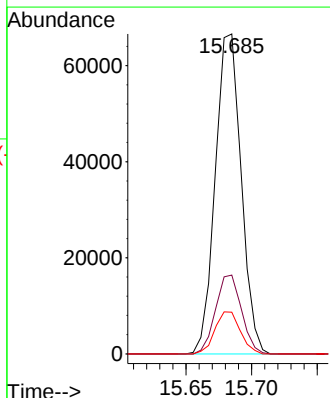
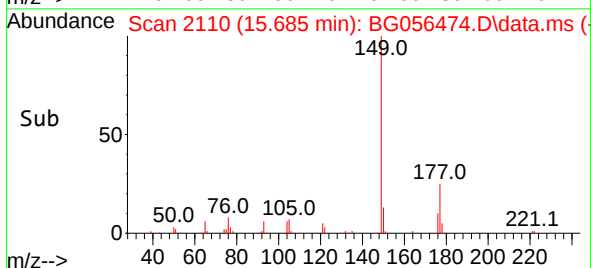
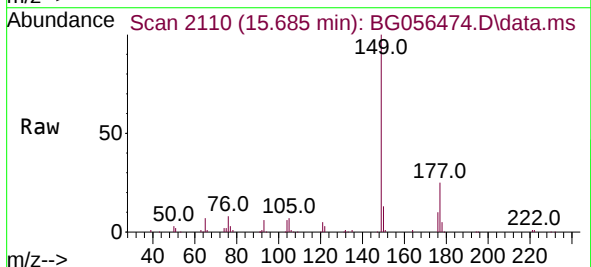
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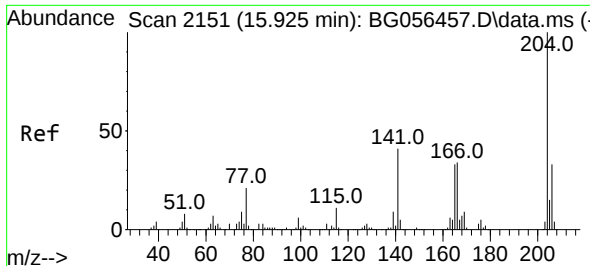
01/31/2023



#60
Diethylphthalate
Concen: 9.323 ng
RT: 15.685 min Scan# 2110
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

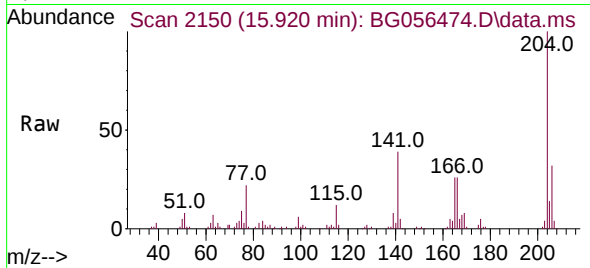
Tgt Ion:149 Resp: 91555
Ion Ratio Lower Upper
149 100
177 24.6 21.0 31.4
150 13.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 8.920 ng
RT: 15.920 min Scan# 2151
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

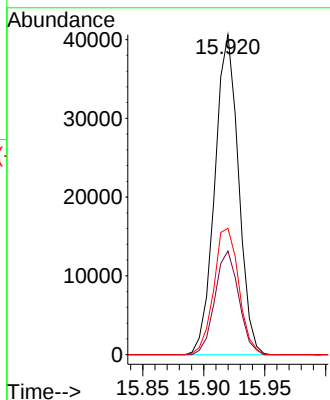
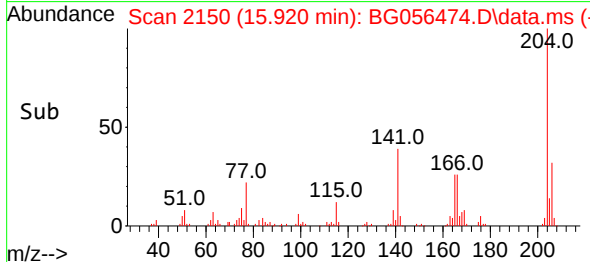
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:204 Resp: 54920
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.4
141 39.5 32.7 49.1

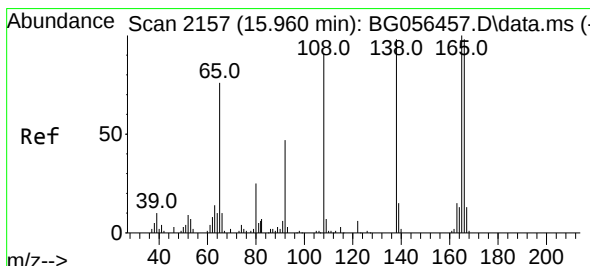
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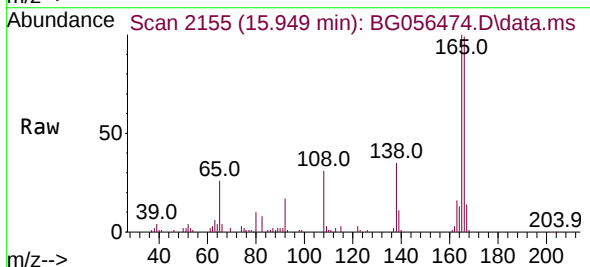


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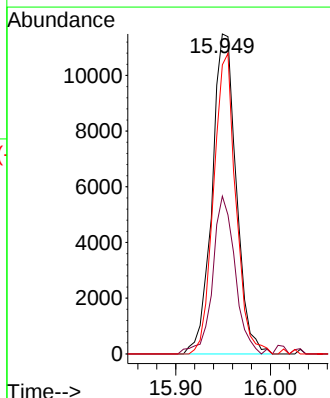
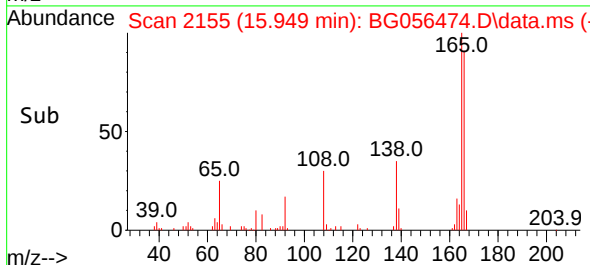
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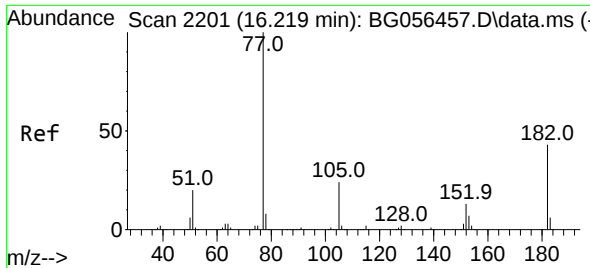


#62
4-Nitroaniline
Concen: 9.184 ng
RT: 15.949 min Scan# 2155
Delta R.T. -0.011 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56



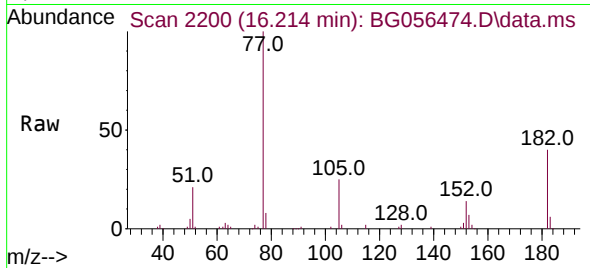
Tgt Ion:138 Resp: 20319
Ion Ratio Lower Upper
138 100
92 49.3 27.8 67.8
108 90.3 72.6 112.6





#63
Azobenzene
Concen: 9.151 ng
RT: 16.214 min Scan# 2201
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

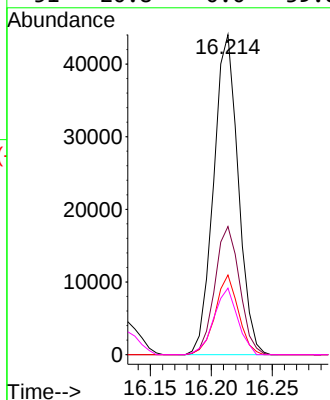
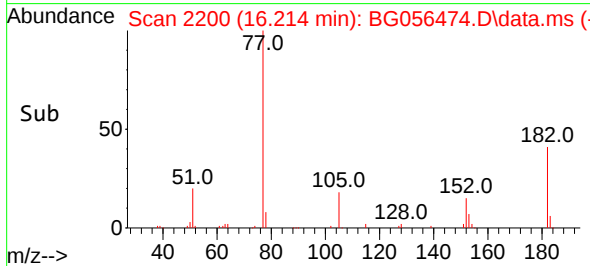
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 77 Resp: 61830
Ion Ratio Lower Upper
77 100
182 40.0 23.1 63.1
105 24.9 4.2 44.2
51 20.8 0.0 39.8

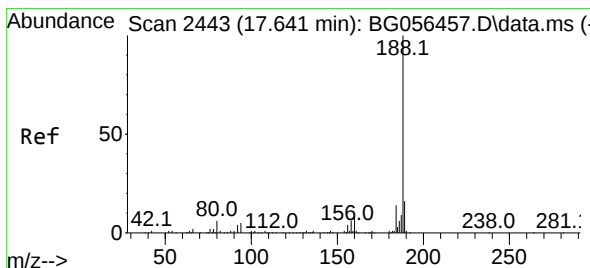
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Reviewed By :Christian
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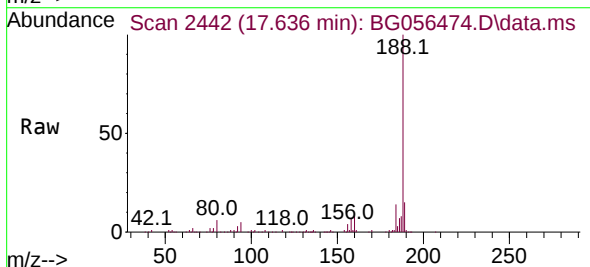


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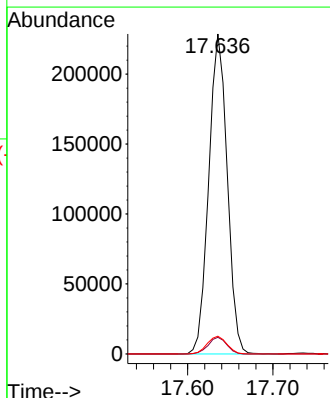
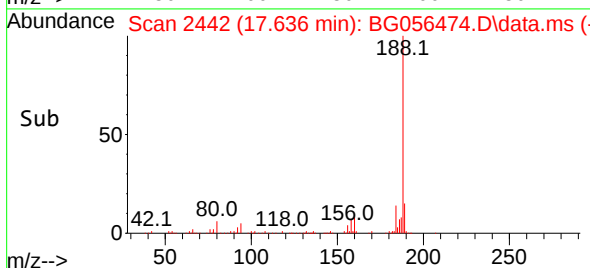
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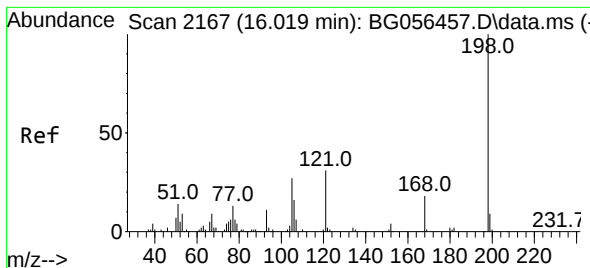


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.636 min Scan# 2442
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56



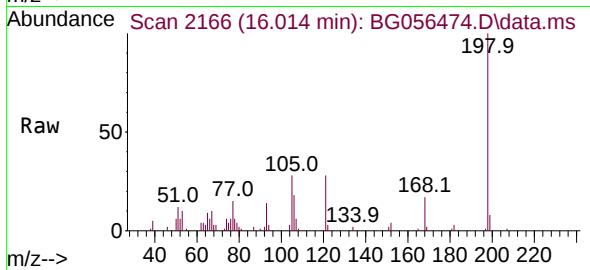
Tgt Ion:188 Resp: 343838
Ion Ratio Lower Upper
188 100
94 5.2 4.1 6.1
80 5.5 5.0 7.4





#65
4,6-Dinitro-2-methylphenol
Concen: 10.071 ng
RT: 16.014 min Scan# 2166
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

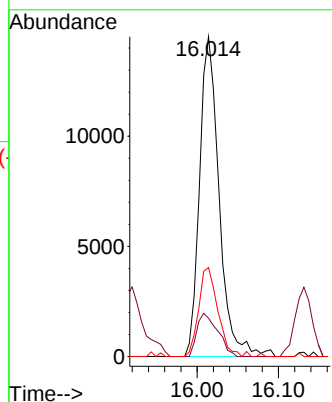
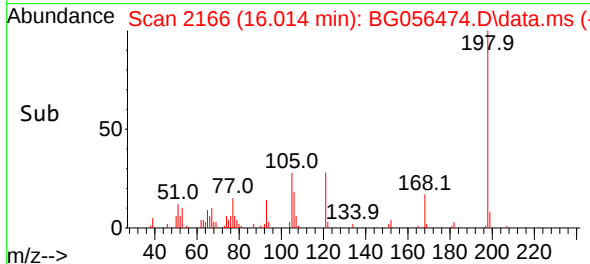
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:198 Resp: 24346
Ion Ratio Lower Upper
198 100
51 12.0 0.0 35.0
105 27.8 7.4 47.4

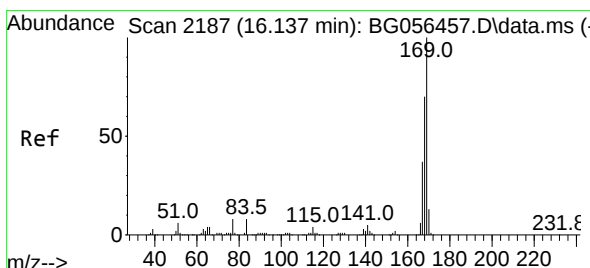
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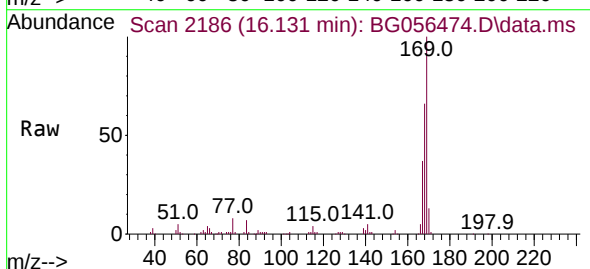


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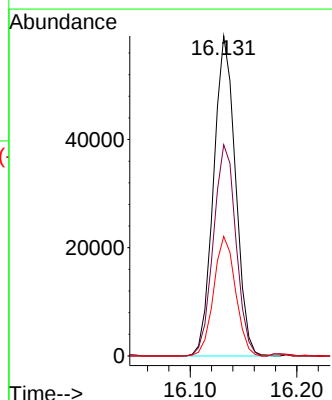
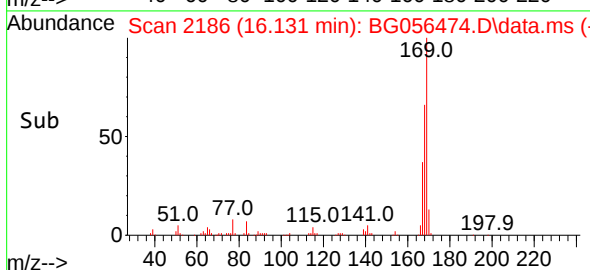
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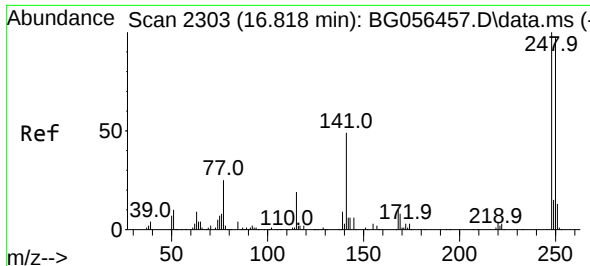


#66
n-Nitrosodiphenylamine
Concen: 8.680 ng
RT: 16.131 min Scan# 2186
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56



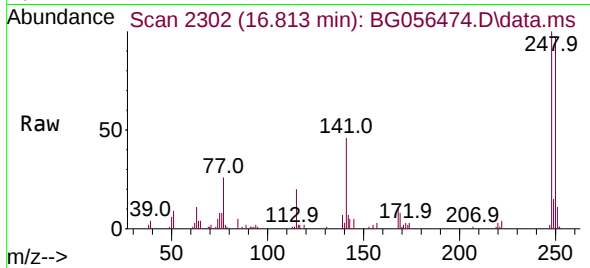
Tgt Ion:169 Resp: 84504
Ion Ratio Lower Upper
169 100
168 66.0 55.8 83.6
167 37.3 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 8.615 ng
RT: 16.813 min Scan# 2303
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

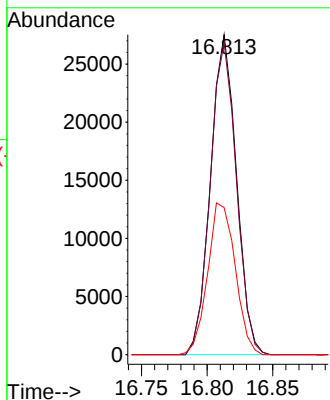
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:248 Resp: 37919
Ion Ratio Lower Upper
248 100
250 97.4 77.6 116.4
141 45.9 39.0 58.4

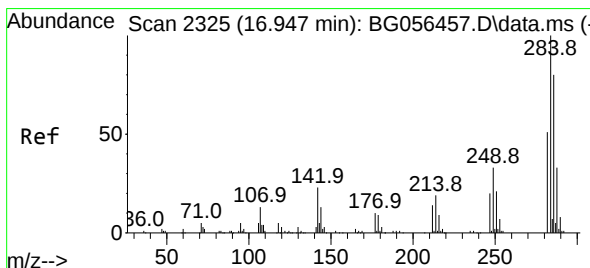
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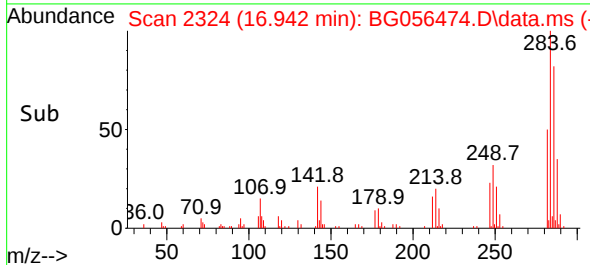
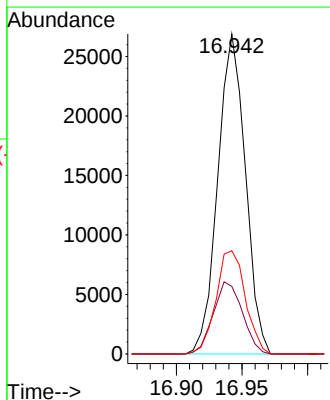
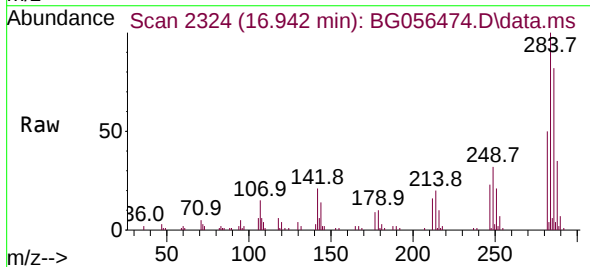
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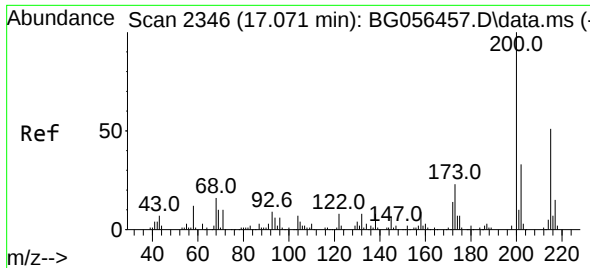
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#68
Hexachlorobenzene
Concen: 9.112 ng
RT: 16.942 min Scan# 2324
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

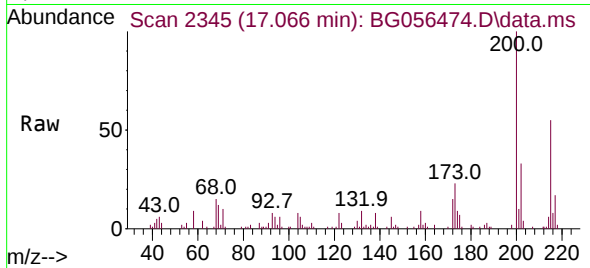
Tgt Ion:284 Resp: 39282
Ion Ratio Lower Upper
284 100
142 21.1 18.0 27.0
249 35.0 26.7 40.1





#69
 Atrazine
 Concen: 10.057 ng
 RT: 17.066 min Scan# 2345
 Delta R.T. -0.005 min
 Lab File: BG056474.D
 Acq: 30 Jan 2023 17:56

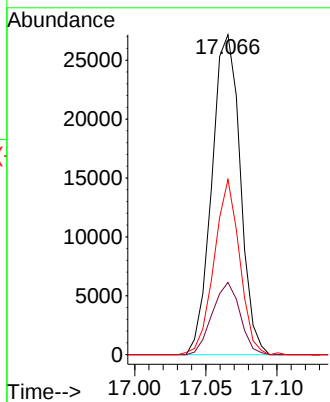
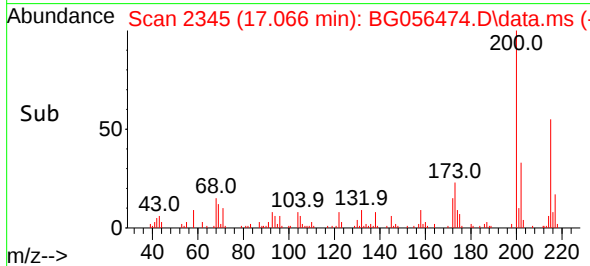
Instrument : BNA_G
 ClientSampleId : LOQ-WATER-02-QT3-2022



Tgt Ion:200 Resp: 37769
 Ion Ratio Lower Upper
 200 100
 173 22.6 3.2 43.2
 215 54.7 30.7 70.7

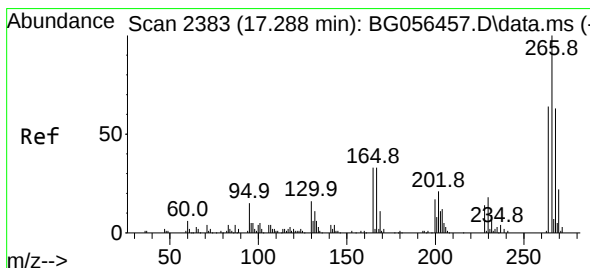
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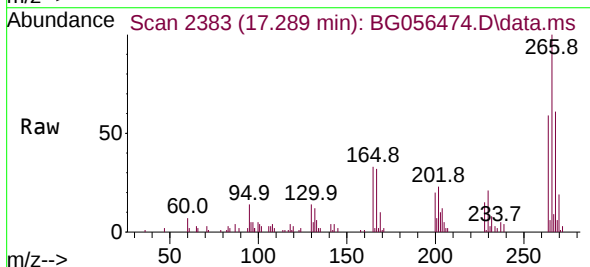


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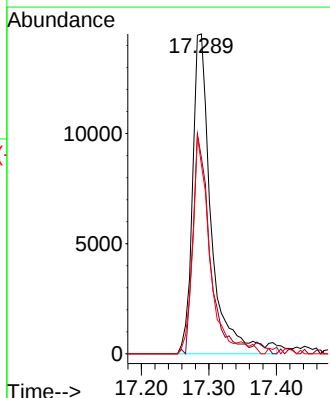
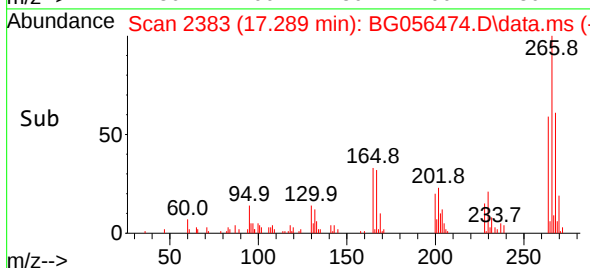
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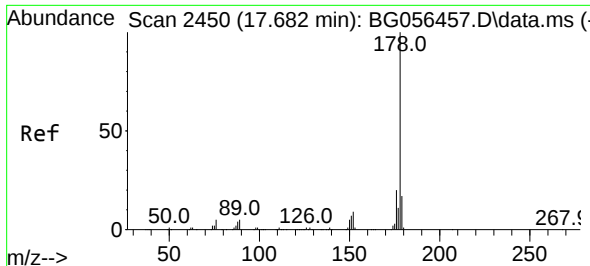


#70
 Pentachlorophenol
 Concen: 10.752 ng m
 RT: 17.289 min Scan# 2383
 Delta R.T. 0.001 min
 Lab File: BG056474.D
 Acq: 30 Jan 2023 17:56



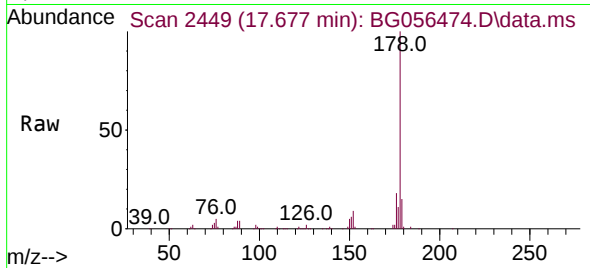
Tgt Ion:266 Resp: 28049
 Ion Ratio Lower Upper
 266 100
 268 61.3 50.2 75.4
 264 59.0 51.4 77.0





#71
Phenanthrene
Concen: 9.085 ng
RT: 17.677 min Scan# 2449
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

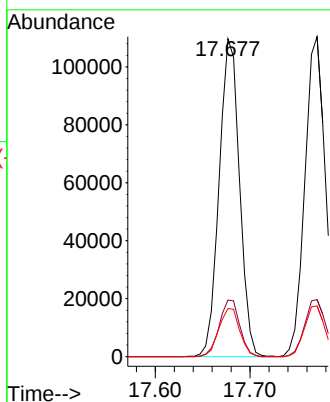
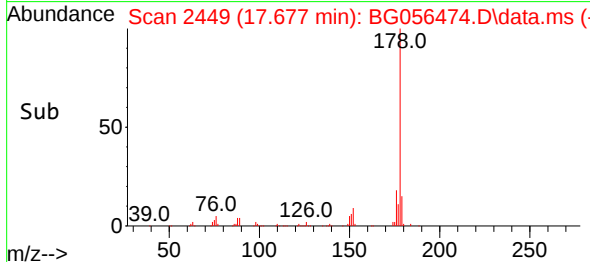
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:178 Resp: 163497
Ion Ratio Lower Upper
178 100
176 17.8 15.6 23.4
179 15.1 13.3 19.9

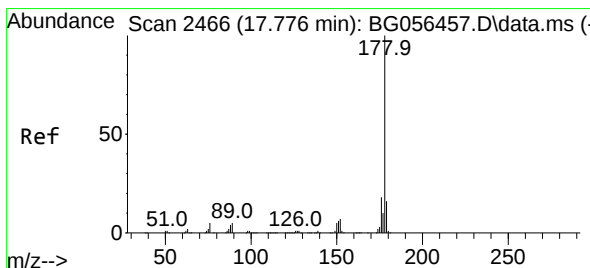
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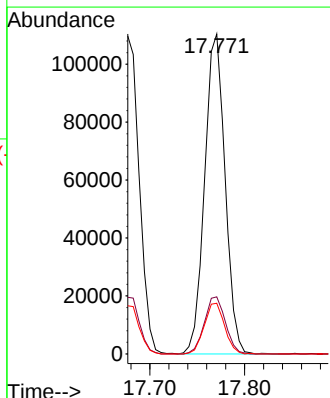
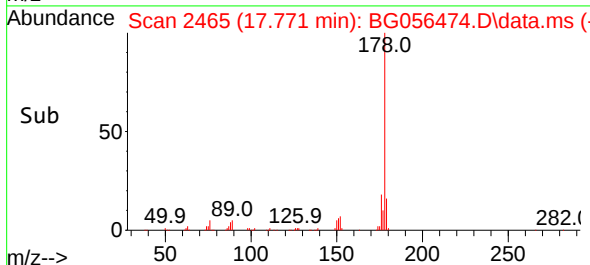
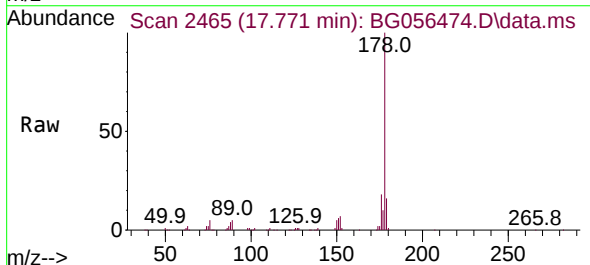
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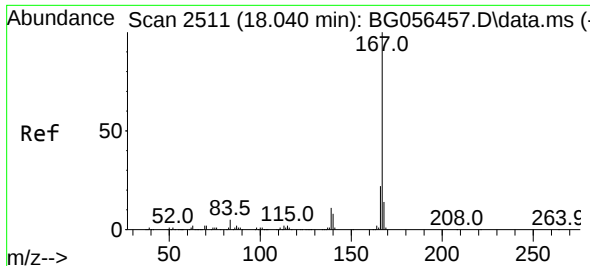
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#72
Anthracene
Concen: 8.951 ng
RT: 17.771 min Scan# 2465
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

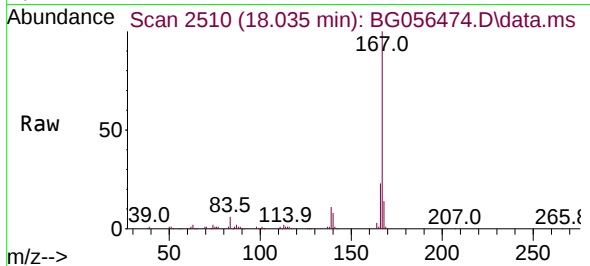
Tgt Ion:178 Resp: 165350
Ion Ratio Lower Upper
178 100
176 17.8 14.5 21.7
179 15.8 12.5 18.7





#73
 Carbazole
 Concen: 9.106 ng
 RT: 18.035 min Scan# 2510
 Delta R.T. -0.005 min
 Lab File: BG056474.D
 Acq: 30 Jan 2023 17:56

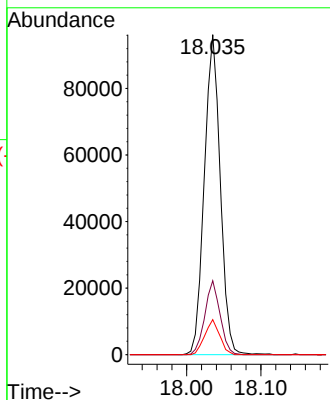
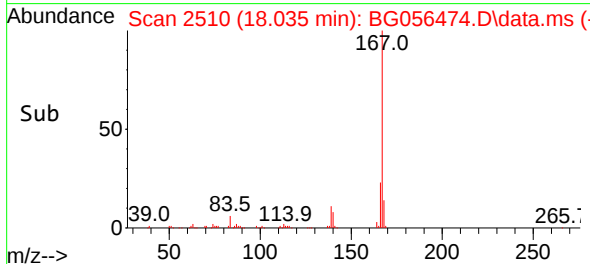
Instrument : BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2022



Tgt Ion:167 Resp: 14327
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.8 26.6
 139 10.9 8.9 13.3

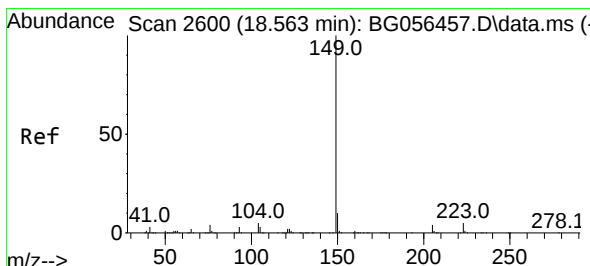
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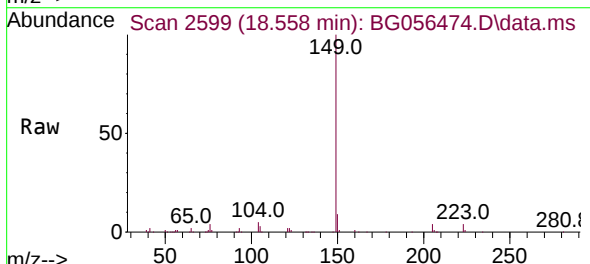


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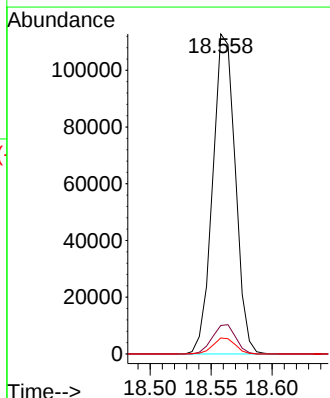
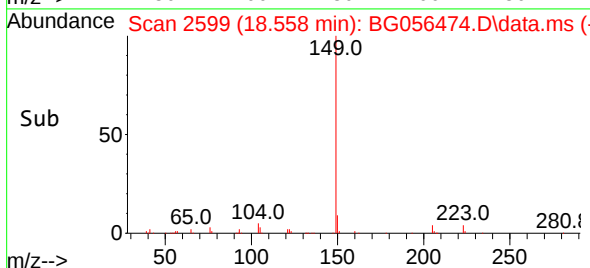
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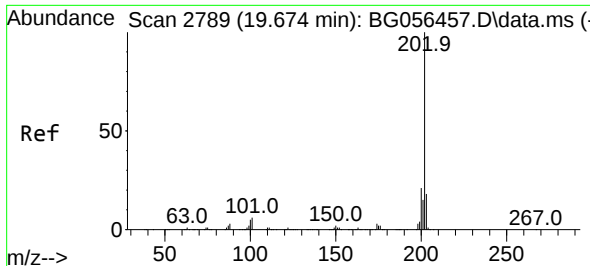


#74
 Di-n-butylphthalate
 Concen: 8.808 ng
 RT: 18.558 min Scan# 2599
 Delta R.T. -0.005 min
 Lab File: BG056474.D
 Acq: 30 Jan 2023 17:56



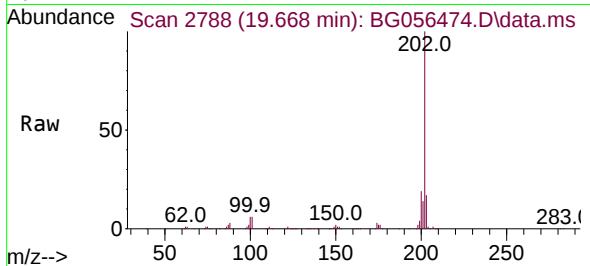
Tgt Ion:149 Resp: 145514
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.8 11.6
 104 5.0 4.0 6.0





#75
Fluoranthene
Concen: 9.260 ng
RT: 19.668 min Scan# 210325
Delta R.T. -0.006 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

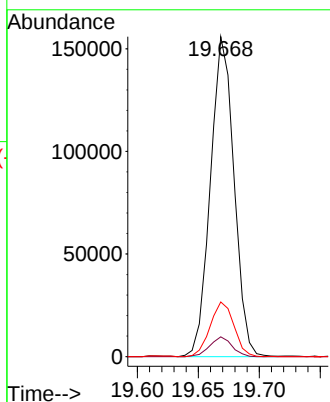
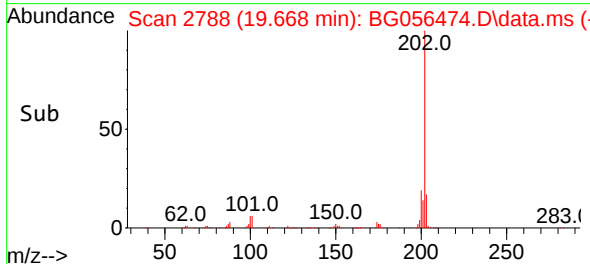
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT3-2022



Tgt Ion:202 Resp: 210325
Ion Ratio Lower Upper
202 100
101 6.2 0.0 25.6
203 17.1 0.0 38.1

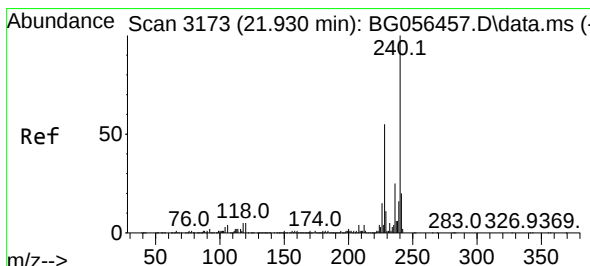
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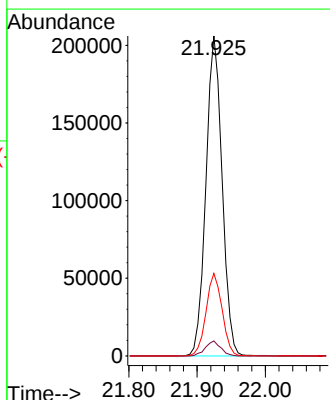
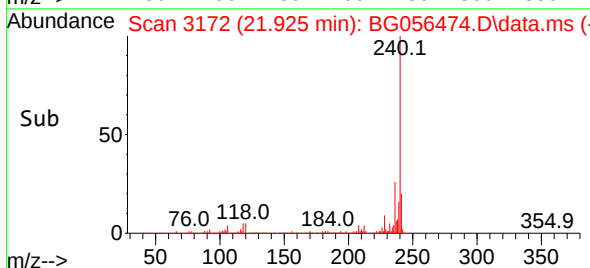
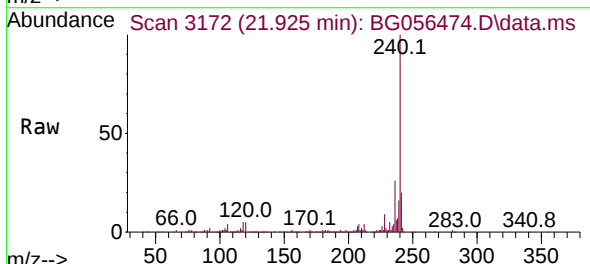
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Supervised By :Jagrut
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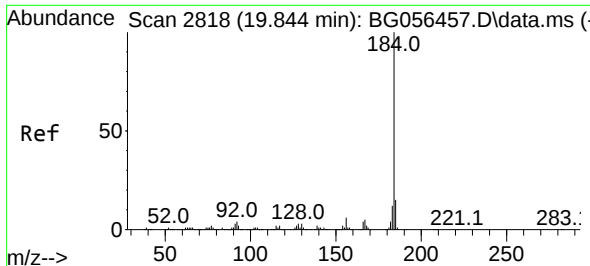
01/31/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.925 min Scan# 3172
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

Tgt Ion:240 Resp: 339387
Ion Ratio Lower Upper
240 100
120 4.7 3.8 5.8
236 25.8 20.2 30.2





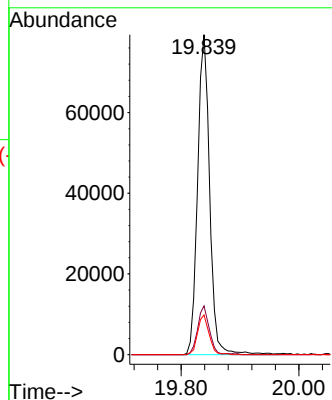
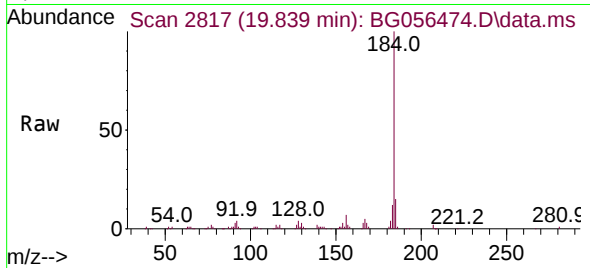
#77
Benzidine
Concen: 12.261 ng
RT: 19.839 min Scan# 2817
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion:184 Resp: 112604
Ion Ratio Lower Upper
184 100
185 15.2 12.3 18.5
183 12.4 9.8 14.8

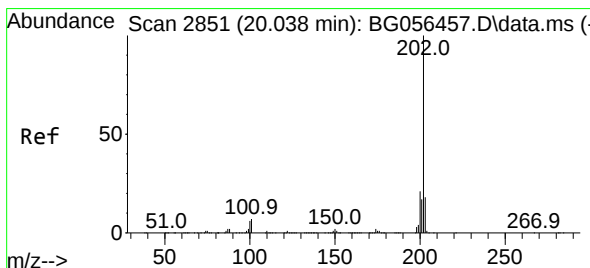
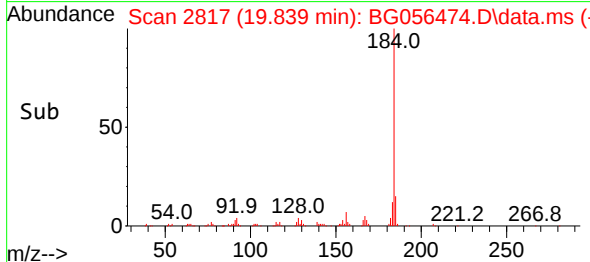
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Giraldo



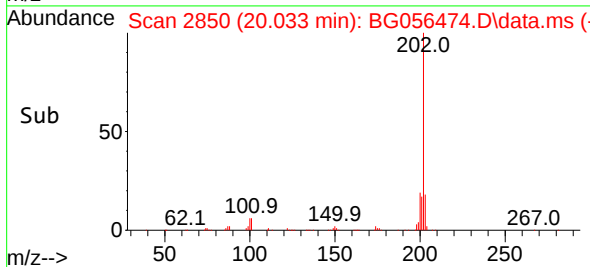
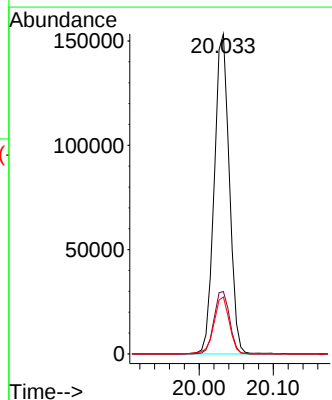
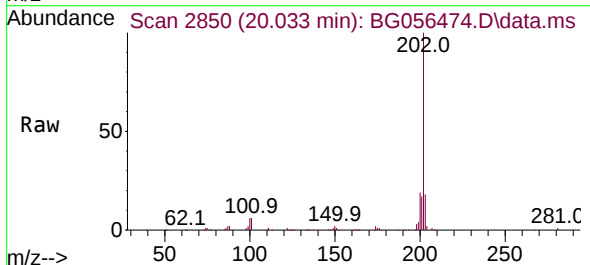
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Supervised By :Jagrut
Upadhyay

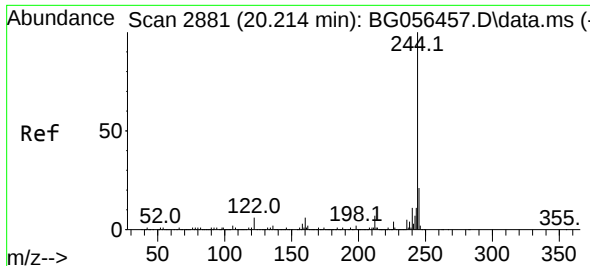
01/31/2023



#78
Pyrene
Concen: 8.949 ng
RT: 20.033 min Scan# 2850
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

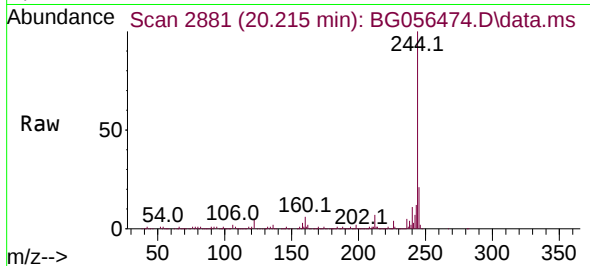
Tgt Ion:202 Resp: 216012
Ion Ratio Lower Upper
202 100
200 19.5 16.7 25.1
203 17.8 14.4 21.6





#79
 Terphenyl-d14
 Concen: 67.198 ng
 RT: 20.215 min Scan# 2881
 Delta R.T. 0.001 min
 Lab File: BG056474.D
 Acq: 30 Jan 2023 17:56

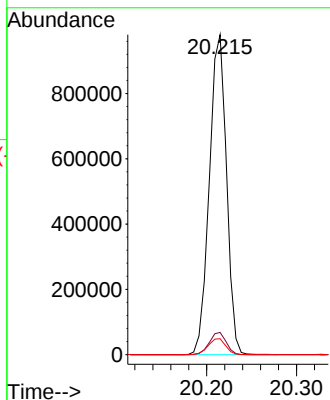
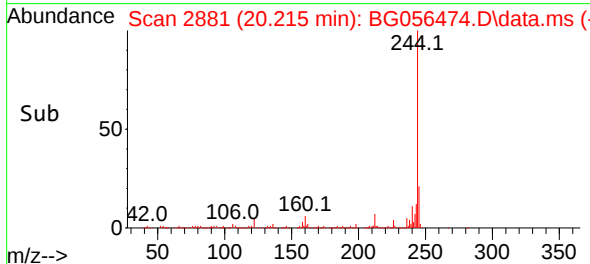
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2022



Tgt Ion:244 Resp: 129847
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 5.0 4.4 6.6

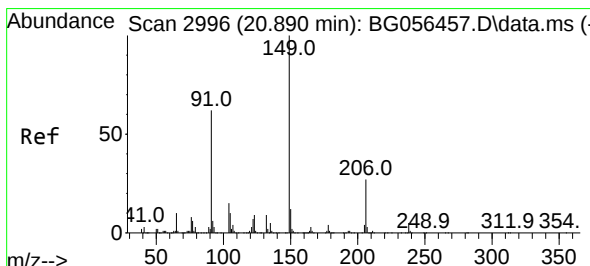
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Reviewed By :Christian
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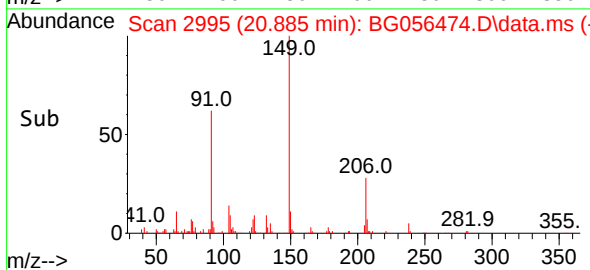
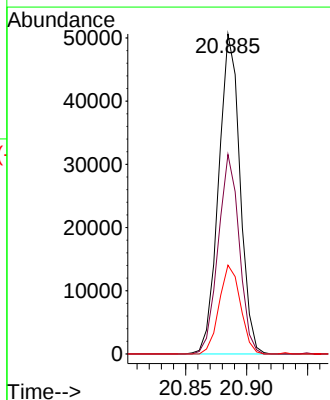
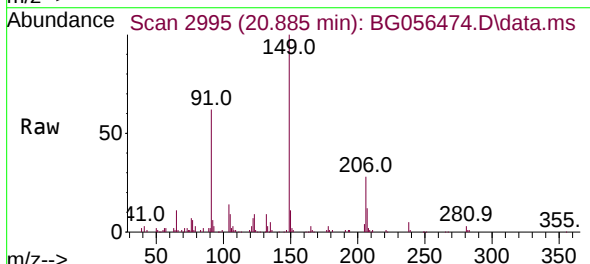
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 Upadhyay

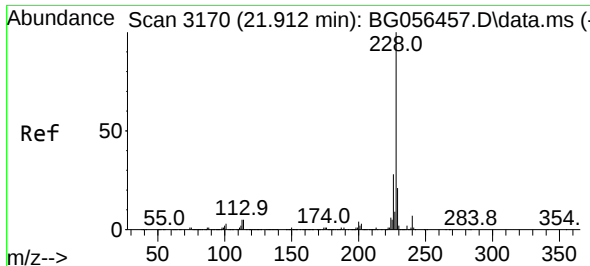
01/31/2023



#80
 Butylbenzylphthalate
 Concen: 8.359 ng
 RT: 20.885 min Scan# 2995
 Delta R.T. -0.005 min
 Lab File: BG056474.D
 Acq: 30 Jan 2023 17:56

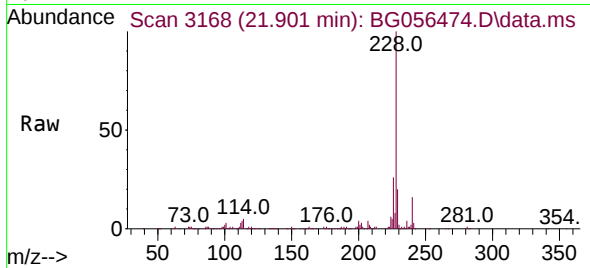
Tgt Ion:149 Resp: 61618
 Ion Ratio Lower Upper
 149 100
 91 62.3 49.4 74.0
 206 27.7 22.0 33.0





#81
Benzo(a)anthracene
Concen: 9.006 ng
RT: 21.901 min Scan# 3168
Delta R.T. -0.011 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

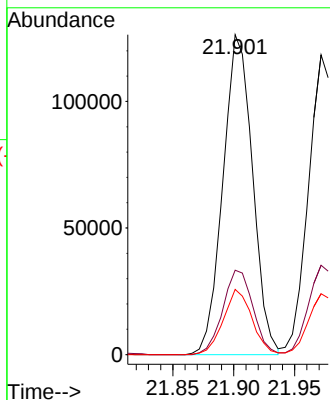
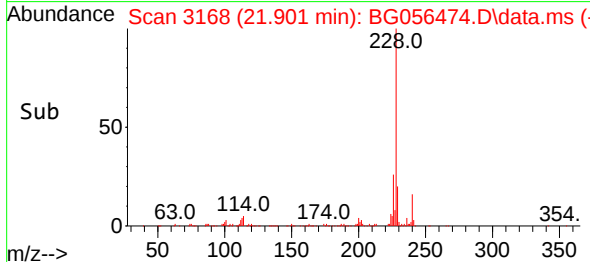
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:228 Resp: 213675
Ion Ratio Lower Upper
228 100
226 26.4 22.4 33.6
229 20.4 16.5 24.7

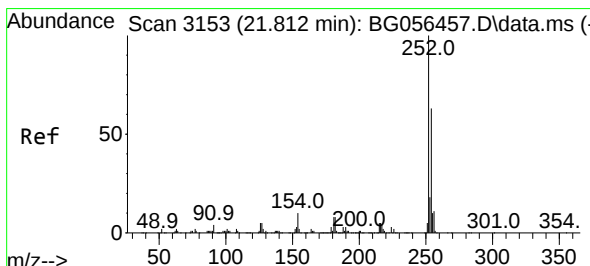
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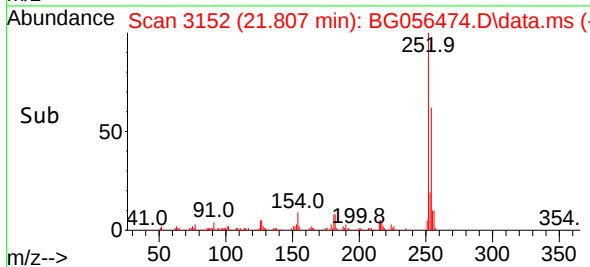
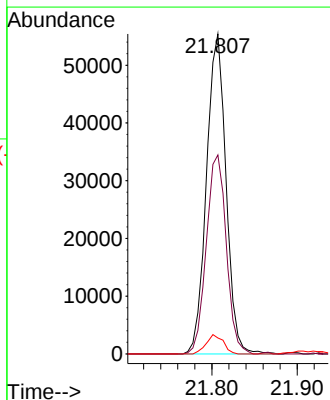
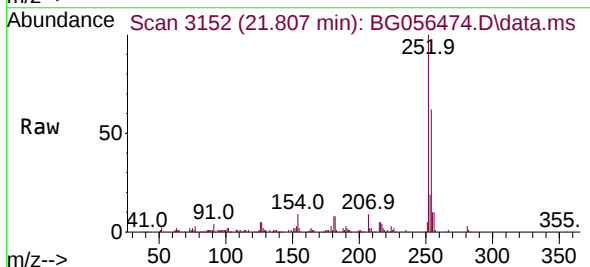
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Upadhyay

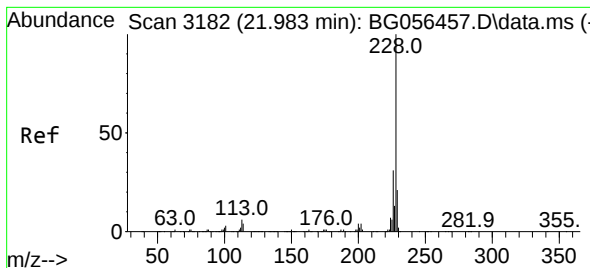
01/31/2023



#82
3,3'-Dichlorobenzidine
Concen: 10.313 ng
RT: 21.807 min Scan# 3152
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

Tgt Ion:252 Resp: 88115
Ion Ratio Lower Upper
252 100
254 62.2 50.0 75.0
126 5.0 4.3 6.5





#83

Chrysene

Concen: 8.828 ng

RT: 21.972 min Scan# 3180

Delta R.T. -0.011 min

Lab File: BG056474.D

Acq: 30 Jan 2023 17:56

Instrument :

BNA_G

ClientSampleId :

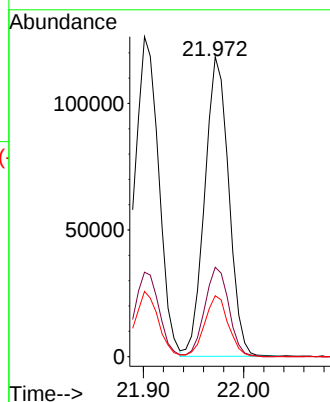
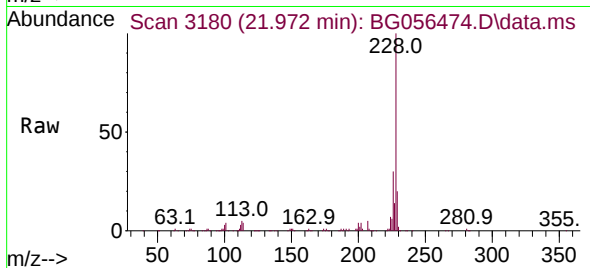
LOQ-WATER-02-QT3-2022

Tgt Ion:228 Resp: 196776

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.4
229	20.3	16.4	24.6

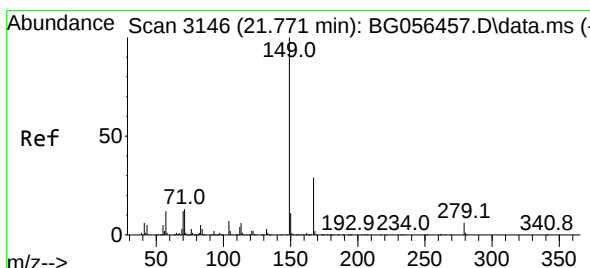
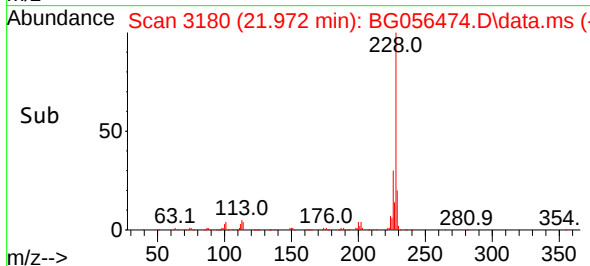
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#84

Bis(2-ethylhexyl)phthalate

Concen: 8.443 ng

RT: 21.766 min Scan# 3145

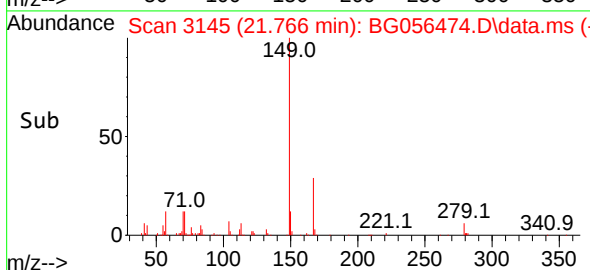
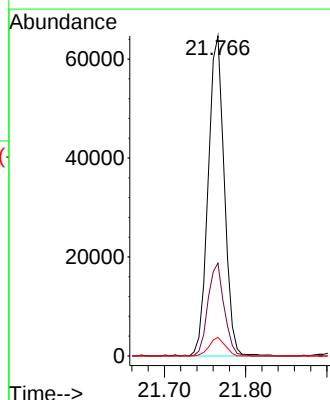
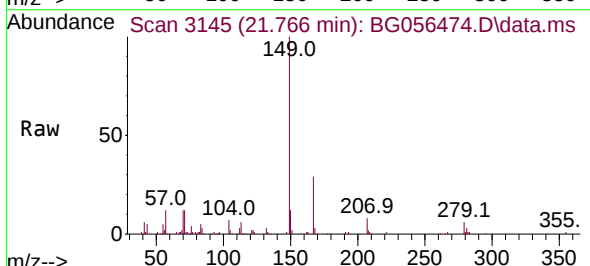
Delta R.T. -0.005 min

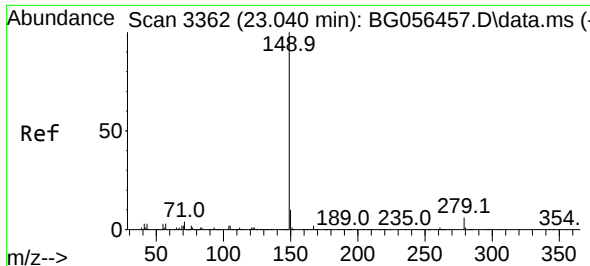
Lab File: BG056474.D

Acq: 30 Jan 2023 17:56

Tgt Ion:149 Resp: 89232

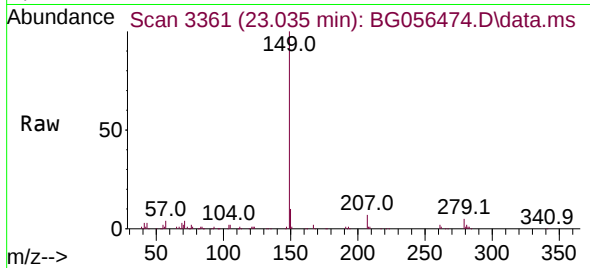
Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.4	35.2
279	5.8	4.4	6.6





#85
Di-n-octyl phthalate
Concen: 8.534 ng
RT: 23.035 min Scan# 3361
Delta R.T. -0.005 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

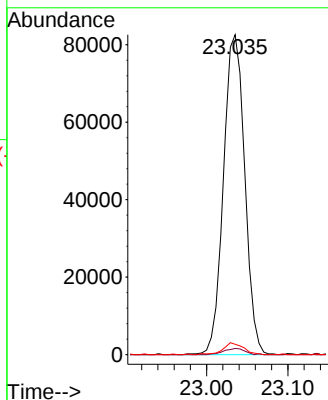
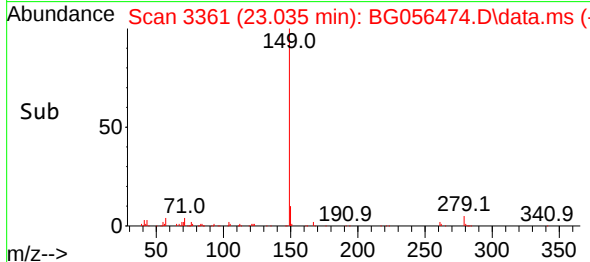
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:149 Resp: 150207
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 3.5 2.7 4.1

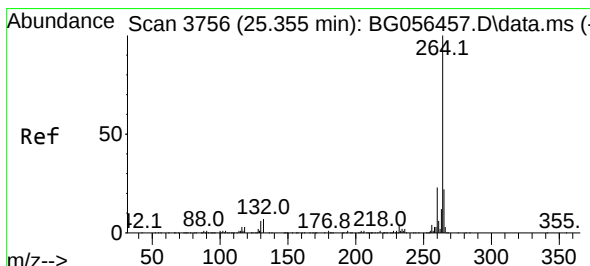
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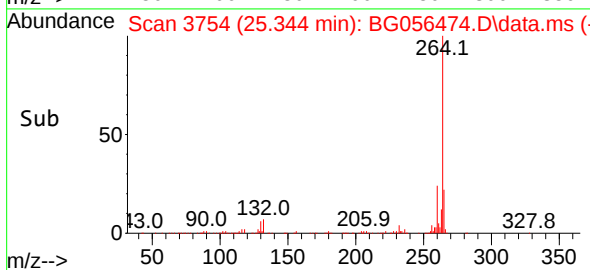
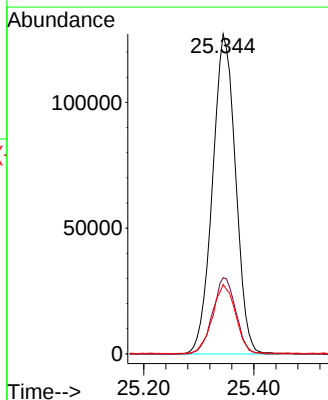
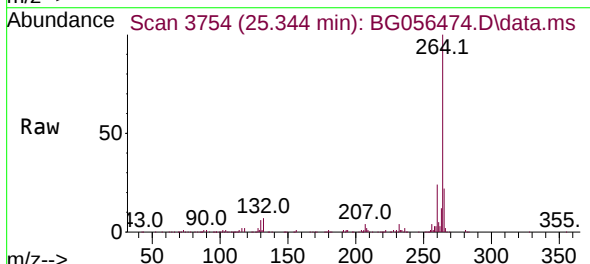
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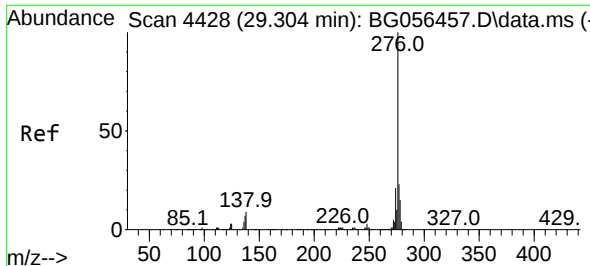
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#86
Perylene-d12
Concen: 20.000 ng
RT: 25.344 min Scan# 3754
Delta R.T. -0.011 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

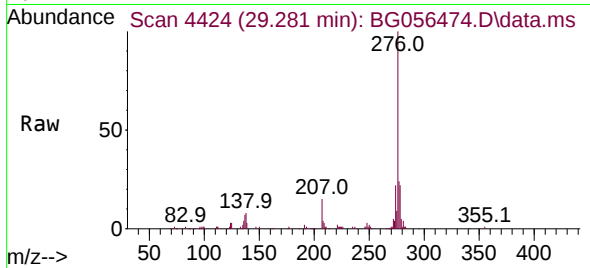
Tgt Ion:264 Resp: 370147
Ion Ratio Lower Upper
264 100
260 23.8 18.2 27.4
265 21.7 18.1 27.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 8.798 ng
RT: 29.281 min Scan# 4428
Delta R.T. -0.023 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

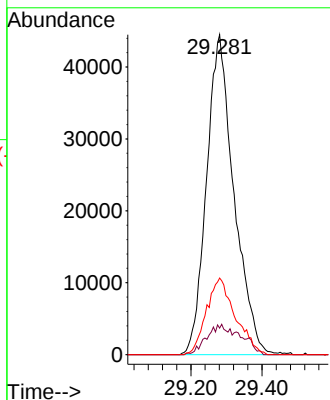
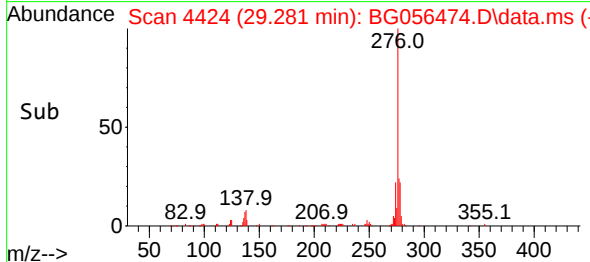
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:276 Resp: 238372
Ion Ratio Lower Upper
276 100
138 8.2 9.4 14.2
277 25.2 20.3 30.5

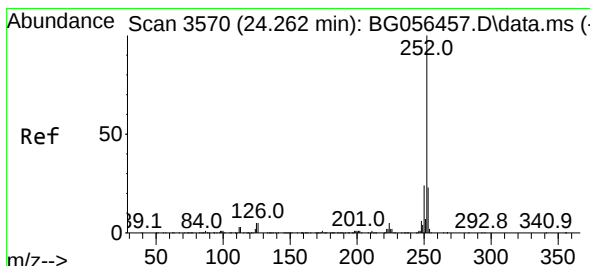
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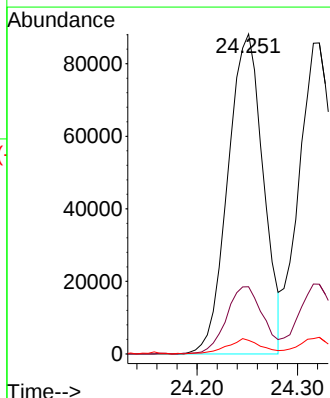
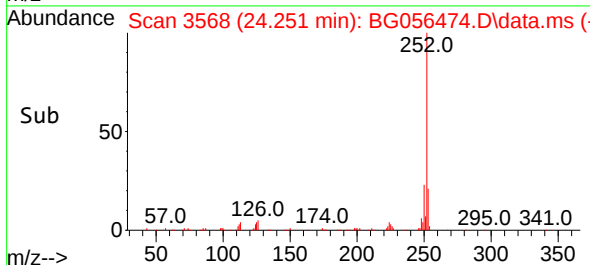
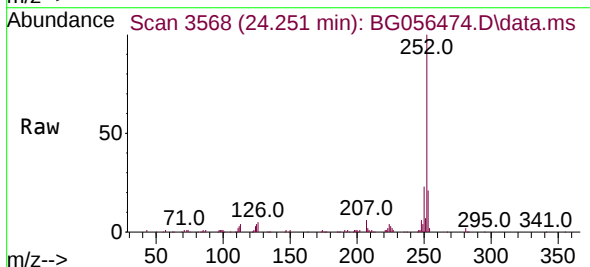
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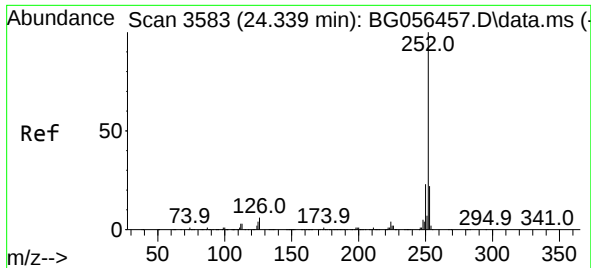
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#88
Benzo(b)fluoranthene
Concen: 9.394 ng
RT: 24.251 min Scan# 3568
Delta R.T. -0.011 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

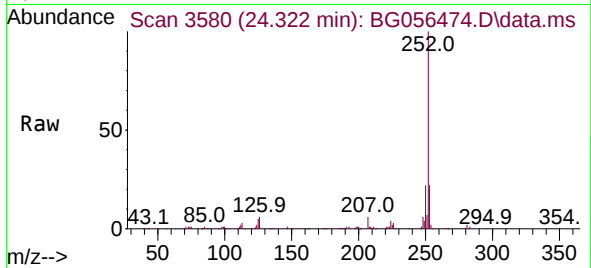
Tgt Ion:252 Resp: 215826
Ion Ratio Lower Upper
252 100
253 21.0 18.1 27.1
125 4.2 3.9 5.9





#89
Benzo(k)fluoranthene
Concen: 9.350 ng m
RT: 24.322 min Scan# 31
Delta R.T. -0.017 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

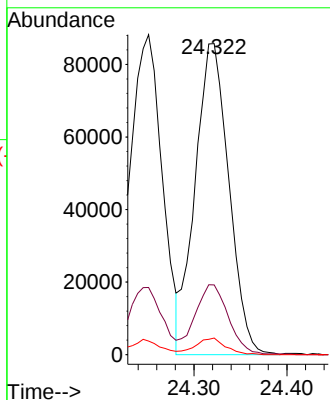
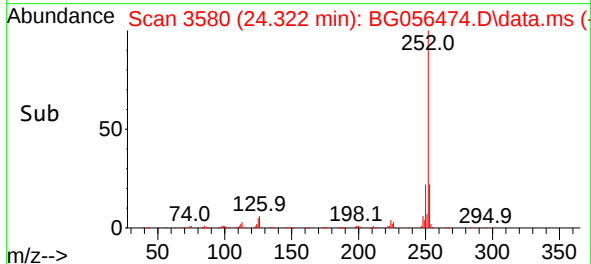
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:252 Resp: 216885
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 5.3 3.4 5.0

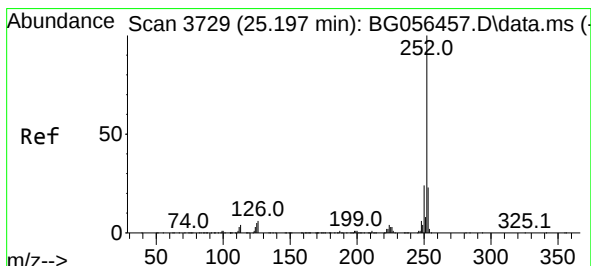
Manual Integrations
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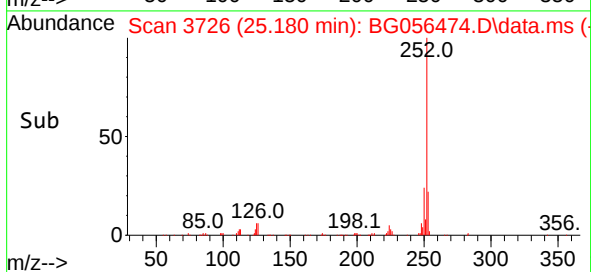
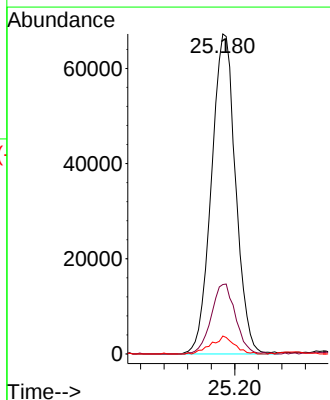
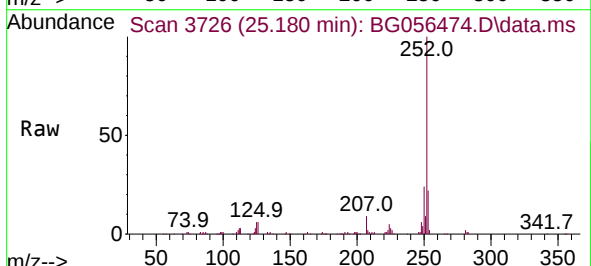
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Supervised By :Jagrut
Upadhyay

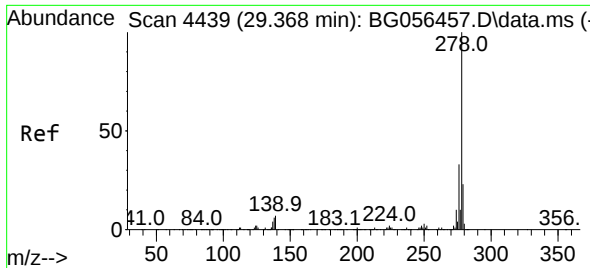
01/31/2023



#90
Benzo(a)pyrene
Concen: 8.474 ng
RT: 25.180 min Scan# 3726
Delta R.T. -0.017 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

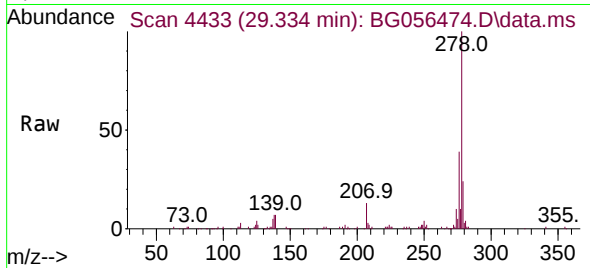
Tgt Ion:252 Resp: 191771
Ion Ratio Lower Upper
252 100
253 21.7 18.4 27.6
125 5.6 4.1 6.1





#91
Dibenzo(a,h)anthracene
Concen: 9.138 ng
RT: 29.334 min Scan# 4433
Delta R.T. -0.035 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

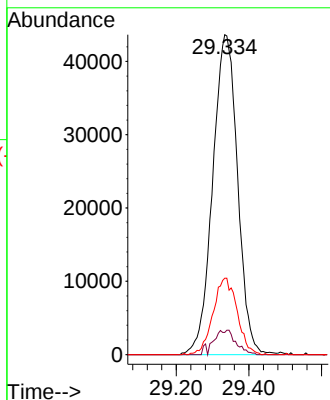
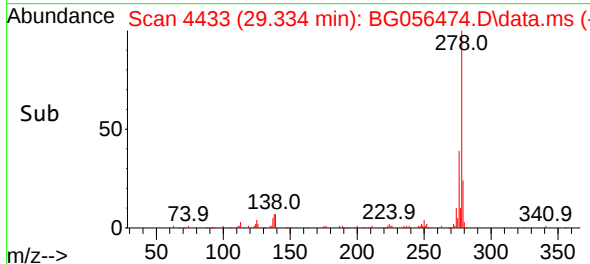
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:278 Resp: 207842
Ion Ratio Lower Upper
278 100
139 6.9 5.5 8.3
279 23.9 18.8 28.2

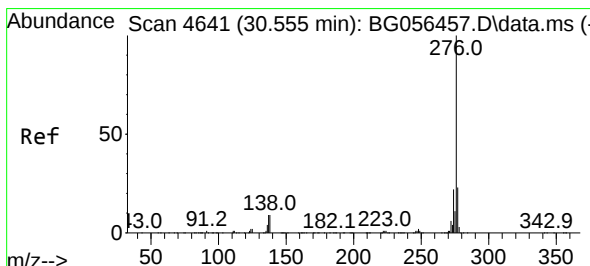
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Supervised By :Jagrut
Upadhyay

01/31/2023



#92
Benzo(g,h,i)perylene
Concen: 9.106 ng
RT: 30.515 min Scan# 4634
Delta R.T. -0.041 min
Lab File: BG056474.D
Acq: 30 Jan 2023 17:56

Tgt Ion:276 Resp: 199824
Ion Ratio Lower Upper
276 100
277 23.6 18.5 27.7
138 7.7 7.4 11.0

