

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090524\
 Data File : BG062667.D
 Acq On : 5 Sep 2024 15:10
 Operator : MA/JU
 Sample : P2403-09
 Misc : MDL-WATER-4 ng
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
 Supervised By :mohammad ahmed 09/07/2024

Quant Time: Sep 05 16:13:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	53402	20.000	ng	0.00
21) Naphthalene-d8	10.715	136	215385	20.000	ng	0.00
39) Acenaphthene-d10	14.546	164	174723	20.000	ng	0.00
64) Phenanthrene-d10	17.284	188	497380	20.000	ng	0.00
76) Chrysene-d12	21.532	240	585851	20.000	ng	0.00
86) Perylene-d12	24.599	264	664596	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	358924	116.178	ng	0.00
7) Phenol-d6	7.084	99	489410	109.656	ng	0.00
23) Nitrobenzene-d5	9.070	82	333632	83.424	ng	0.00
42) 2,4,6-Tribromophenol	16.032	330	336265	136.754	ng	0.00
45) 2-Fluorobiphenyl	13.165	172	870449	80.696	ng	0.00
79) Terphenyl-d14	19.904	244	2058710	69.678	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.412	88	5451	4.235	ng	97
3) Pyridine	3.811	79	13316	3.591	ng	# 80
4) n-Nitrosodimethylamine	3.717	42	6969	3.866	ng	# 76
6) Aniline	7.243	93	17717	4.249	ng	# 89
8) 2-Chlorophenol	7.489	128	12060	3.636	ng	98
9) Benzaldehyde	7.066	77	13070	5.034	ng	94
10) Phenol	7.113	94	16029	3.548	ng	95
11) bis(2-Chloroethyl)ether	7.342	93	12760	3.689	ng	98
12) 1,3-Dichlorobenzene	7.812	146	14374	3.949	ng	97
13) 1,4-Dichlorobenzene	7.953	146	14370	3.836	ng	92
14) 1,2-Dichlorobenzene	8.271	146	13403	3.640	ng	99
15) Benzyl Alcohol	8.159	79	11000	3.331	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.435	45	23586	3.577	ng	97
17) 2-Methylphenol	8.359	107	10342	3.284	ng	92
18) Hexachloroethane	9.005	117	4832	3.440	ng	# 84
19) n-Nitroso-di-n-propyla...	8.717	70	10843	3.083	ng	96
20) 3+4-Methylphenols	8.682	107	13977	3.008	ng	93
22) Acetophenone	8.735	105	20765	3.574	ng	# 92
24) Nitrobenzene	9.117	77	15794	3.714	ng	# 94
25) Isophorone	9.634	82	31141	3.547	ng	99
26) 2-Nitrophenol	9.828	139	5565	3.464	ng	# 84
27) 2,4-Dimethylphenol	9.886	122	8247	3.503	ng	# 87
28) bis(2-Chloroethoxy)met...	10.122	93	17226	3.665	ng	97
29) 2,4-Dichlorophenol	10.362	162	11959	3.633	ng	95
30) 1,2,4-Trichlorobenzene	10.574	180	15314	3.925	ng	# 91
31) Naphthalene	10.762	128	42308	3.963	ng	97
32) Benzoic acid	9.939	122	5133m	2.027	ng	
33) 4-Chloroaniline	10.868	127	15768	3.753	ng	90
34) Hexachlorobutadiene	11.050	225	10344	3.796	ng	98
35) Caprolactam	11.608	113	4315	3.400	ng	# 90
36) 4-Chloro-3-methylphenol	11.990	107	12530	3.156	ng	# 94
37) 2-Methylnaphthalene	12.372	142	30126	3.638	ng	95
38) 1-Methylnaphthalene	12.589	142	29944	3.601	ng	92
40) 1,2,4,5-Tetrachloroben...	12.736	216	21348	4.063	ng	96
41) Hexachlorocyclopentadiene	12.718	237	4995	3.332	ng	97
43) 2,4,6-Trichlorophenol	12.977	196	12157	3.650	ng	97

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Instrument :
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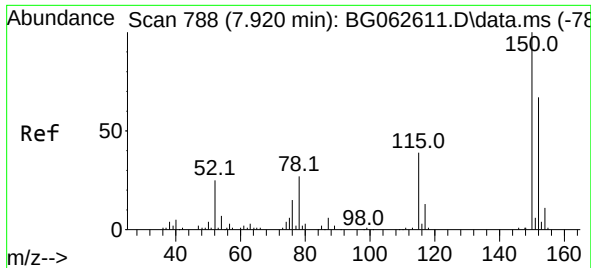
Quant Time: Sep 05 16:13:29 2024
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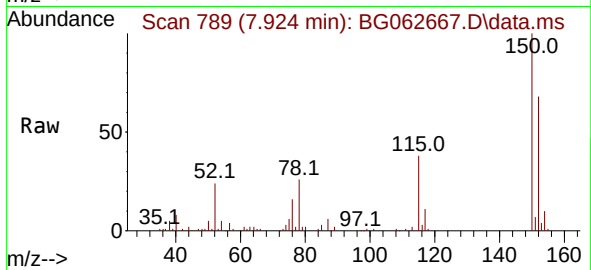
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.048	196	13088	3.470	ng	# 92
46) 1,1'-Biphenyl	13.377	154	46770	4.012	ng	97
47) 2-Chloronaphthalene	13.418	162	35609	3.769	ng	97
48) 2-Nitroaniline	13.623	65	8962	3.607	ng	87
49) Acenaphthylene	14.264	152	56713	4.054	ng	99
50) Dimethylphthalate	13.993	163	48982	3.834	ng	# 99
51) 2,6-Dinitrotoluene	14.111	165	8503	3.519	ng	# 91
52) Acenaphthene	14.610	154	33350	3.813	ng	96
53) 3-Nitroaniline	14.440	138	9079	3.883	ng	86
55) Dibenzofuran	14.939	168	59992	4.000	ng	100
56) 4-Nitrophenol	14.757	139	6268	3.163	ng	87
57) 2,4-Dinitrotoluene	14.898	165	11641	3.531	ng	# 97
58) Fluorene	15.592	166	47512	4.036	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	14531	4.066	ng	# 92
60) Diethylphthalate	15.357	149	48270	3.812	ng	99
61) 4-Chlorophenyl-phenyle...	15.586	204	27709	4.101	ng	95
62) 4-Nitroaniline	15.597	138	9564	3.709	ng	97
63) Azobenzene	15.874	77	44336	3.729	ng	96
65) 4,6-Dinitro-2-methylph...	15.668	198	5928	2.671	ng	83
66) n-Nitrosodiphenylamine	15.797	169	40725	3.406	ng	97
67) 4-Bromophenyl-phenylether	16.479	248	18578	3.619	ng	93
68) Hexachlorobenzene	16.596	284	23756	3.908	ng	94
69) Atrazine	16.743	200	19669	4.843	ng	94
70) Pentachlorophenol	16.937	266	8542m	2.194	ng	
71) Phenanthrene	17.325	178	92237	3.973	ng	98
72) Anthracene	17.419	178	89550	3.923	ng	99
73) Carbazole	17.689	167	82362	3.925	ng	98
74) Di-n-butylphthalate	18.253	149	88089	3.722	ng	100
75) Fluoranthene	19.340	202	122398	4.169	ng	96
77) Benzidine	19.522	184	47911	4.537	ng	98
78) Pyrene	19.704	202	133570	3.587	ng	95
80) Butylbenzylphthalate	20.597	149	34646	3.167	ng	95
81) Benzo(a)anthracene	21.514	228	143355	3.880	ng	97
82) 3,3'-Dichlorobenzidine	21.432	252	46407	3.855	ng	96
83) Chrysene	21.573	228	140970	3.983	ng	98
84) Bis(2-ethylhexyl)phtha...	21.432	149	53553	3.223	ng	96
85) Di-n-octyl phthalate	22.595	149	88111	3.028	ng	99
87) Indeno(1,2,3-cd)pyrene	28.053	276	161082	3.780	ng	98
88) Benzo(b)fluoranthene	23.629	252	132303	3.604	ng	99
89) Benzo(k)fluoranthene	23.694	252	138489	3.857	ng	97
90) Benzo(a)pyrene	24.446	252	122053	3.764	ng	98
91) Dibenzo(a,h)anthracene	28.106	278	131114	3.735	ng	# 95
92) Benzo(g,h,i)perylene	29.129	276	126081	3.562	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.924 min Scan# 71
Delta R.T. 0.004 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

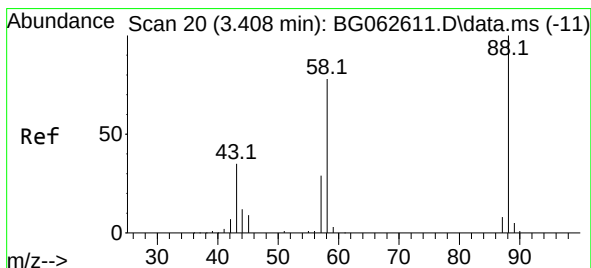
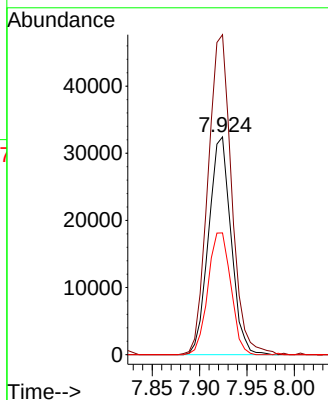
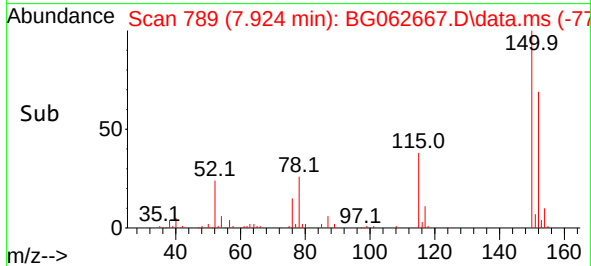
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2024



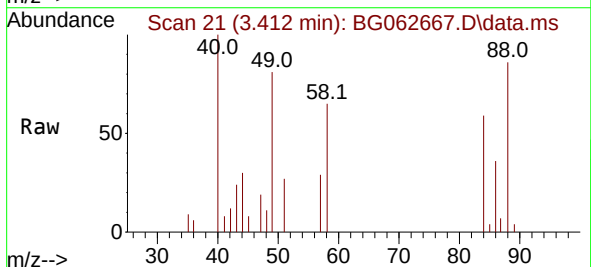
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Ion Ratio Lower Upper
152 100
150 147.0 119.9 179.9
115 55.9 46.6 69.8

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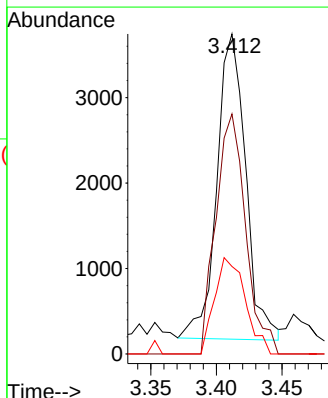
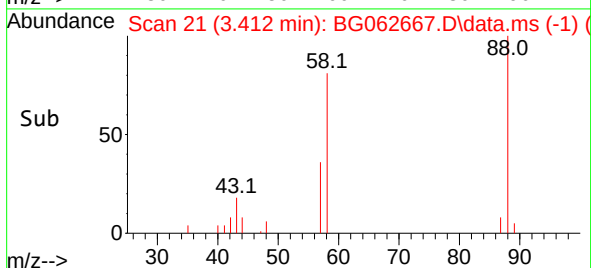
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

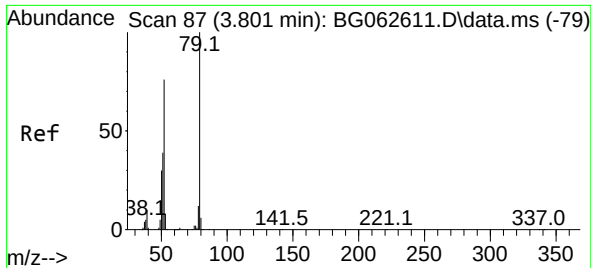


#2
1,4-Dioxane
Concen: 4.235 ng
RT: 3.412 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10



Tgt Ion: 88 Resp: 5451
Ion Ratio Lower Upper
88 100
58 81.2 62.3 93.5
43 33.6 27.5 41.3





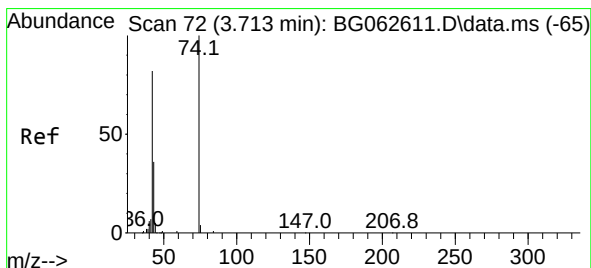
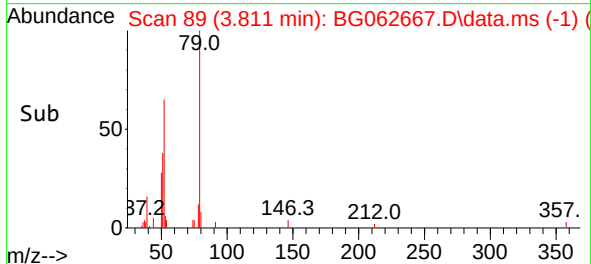
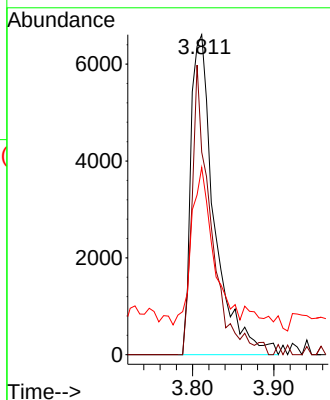
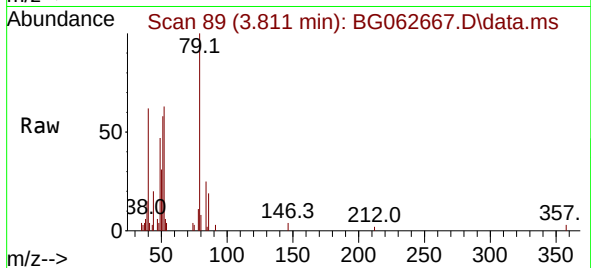
#3
Pyridine
Concen: 3.591 ng
RT: 3.811 min Scan# 89
Delta R.T. 0.010 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion: 79 Resp: 13310
Ion Ratio Lower Upper
79 100
52 63.3 60.9 91.3
51 58.5 31.5 47.3

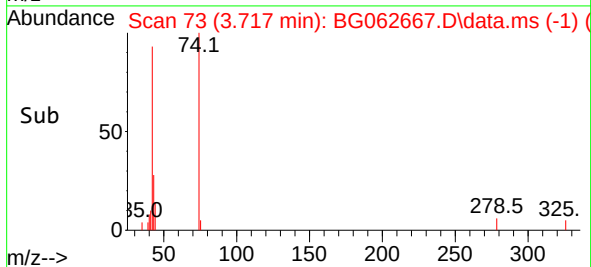
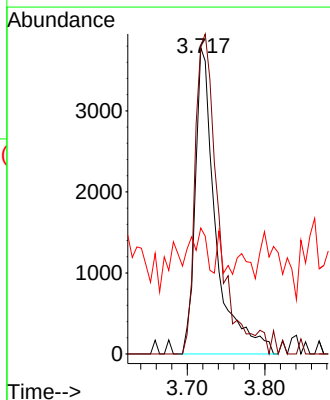
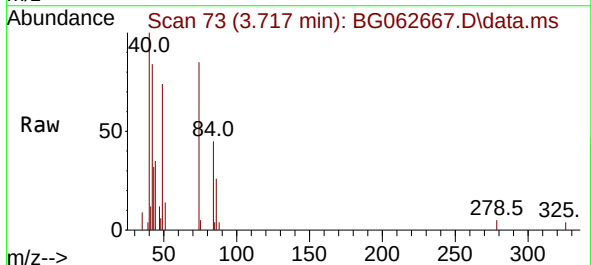
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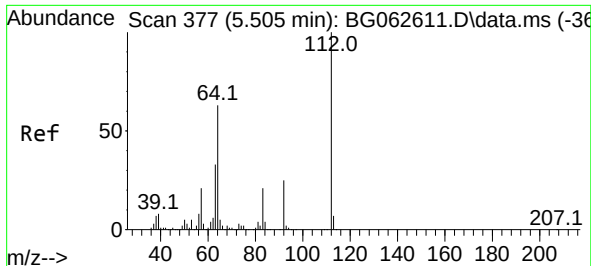
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#4
n-Nitrosodimethylamine
Concen: 3.866 ng
RT: 3.717 min Scan# 73
Delta R.T. 0.004 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

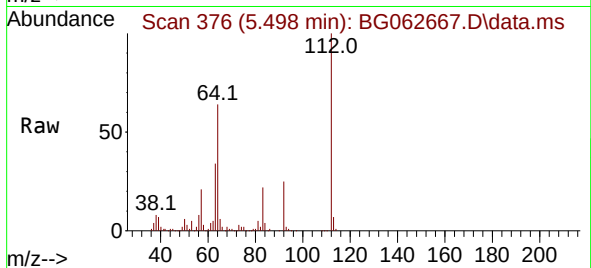
Tgt Ion: 42 Resp: 6969
Ion Ratio Lower Upper
42 100
74 100.6 98.0 147.0
44 41.1 7.4 11.2





#5
2-Fluorophenol
Concen: 116.178 ng
RT: 5.498 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

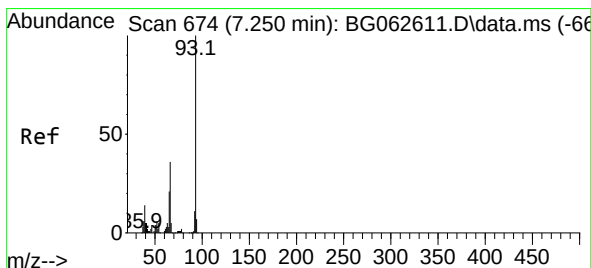
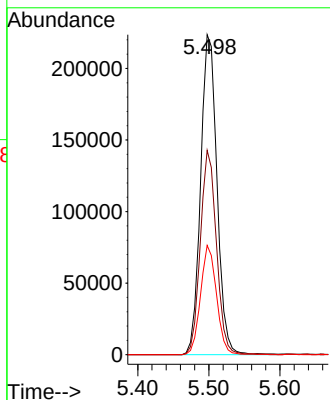
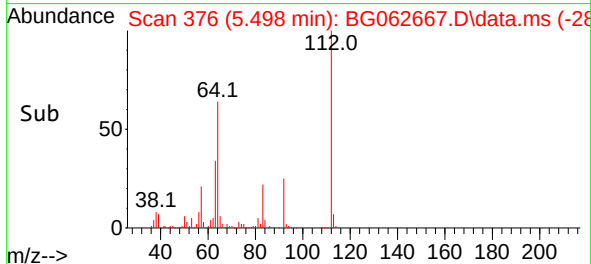
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion: 112 Resp: 358924
Ion Ratio Lower Upper
112 100
64 63.9 50.2 75.2
63 34.2 26.6 39.8

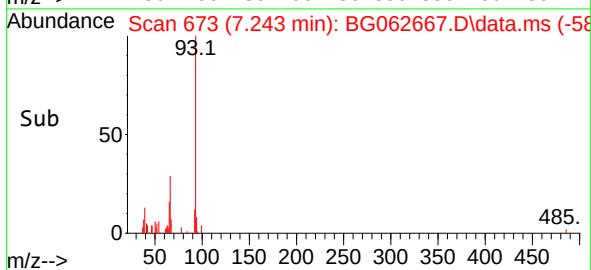
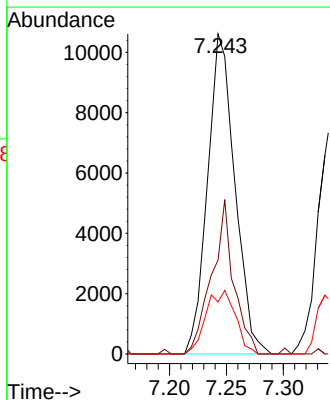
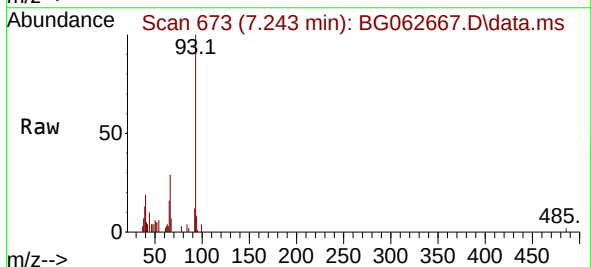
Manual Integrations
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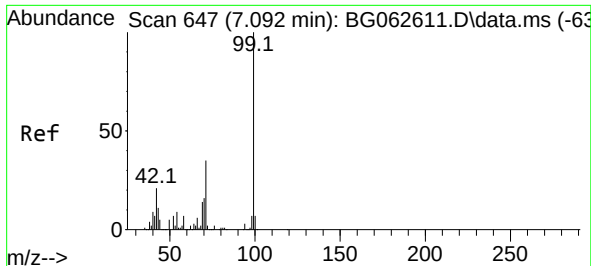
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#6
Aniline
Concen: 4.249 ng
RT: 7.243 min Scan# 673
Delta R.T. -0.008 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

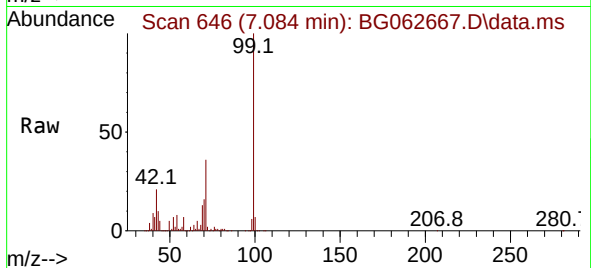
Tgt Ion: 93 Resp: 17717
Ion Ratio Lower Upper
93 100
66 29.3 29.1 43.7
65 16.3 16.6 25.0#





#7
Phenol-d6
Concen: 109.656 ng
RT: 7.084 min Scan# 647
Delta R.T. -0.008 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

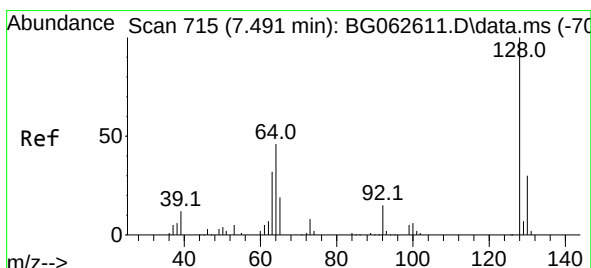
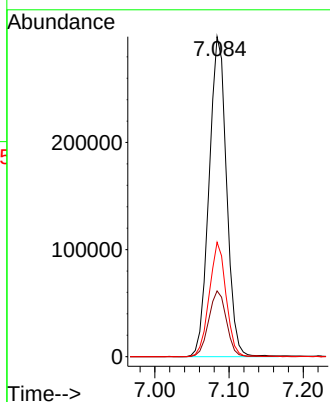
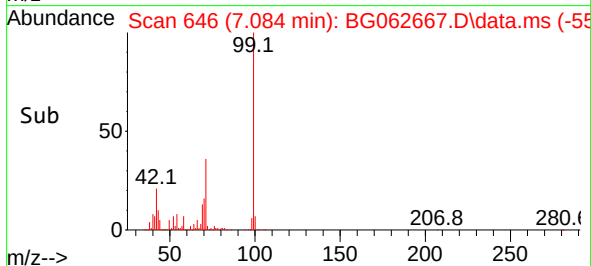
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion: 99 Resp: 489410
Ion Ratio Lower Upper
99 100
42 20.6 16.9 25.3
71 35.8 27.9 41.9

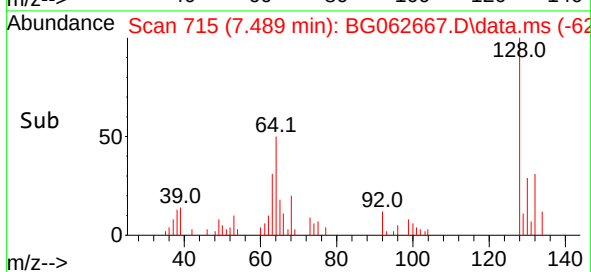
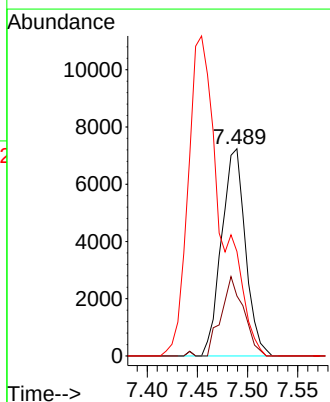
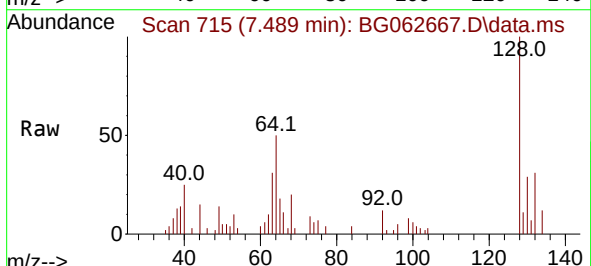
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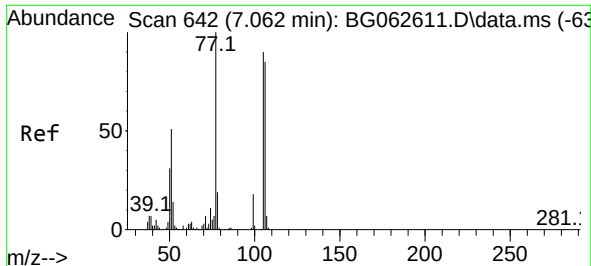
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#8
2-Chlorophenol
Concen: 3.636 ng
RT: 7.489 min Scan# 715
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

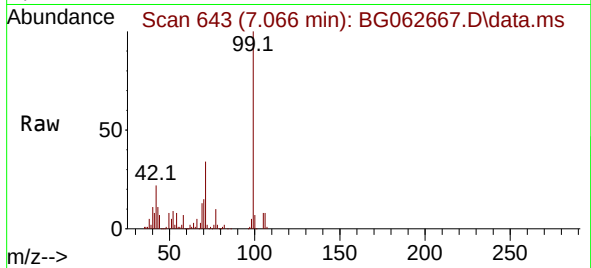
Tgt Ion:128 Resp: 12060
Ion Ratio Lower Upper
128 100
130 29.0 10.0 50.0
64 50.4 28.8 68.8





#9
Benzaldehyde
Concen: 5.034 ng
RT: 7.066 min Scan# 642
Delta R.T. 0.004 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

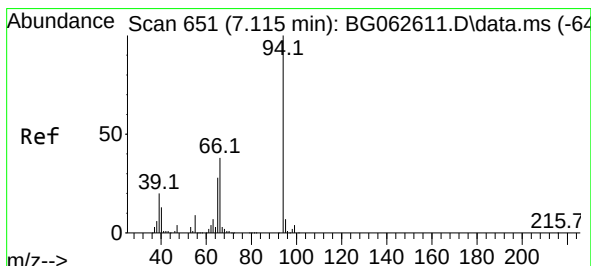
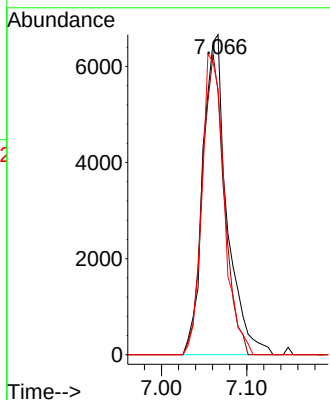
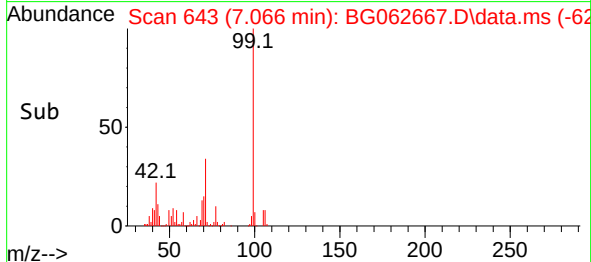
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion: 77 Resp: 13070
Ion Ratio Lower Upper
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105 82.2 70.2 110.2
106 83.1 65.4 105.4

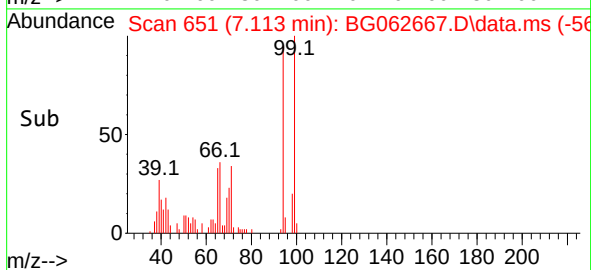
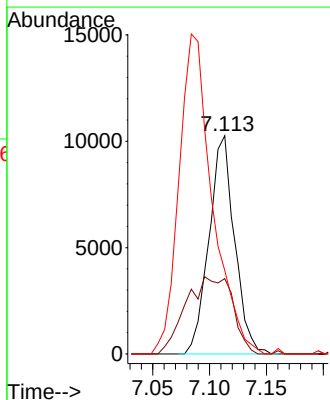
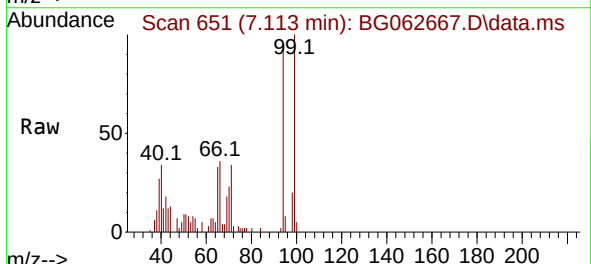
Manual Integrations
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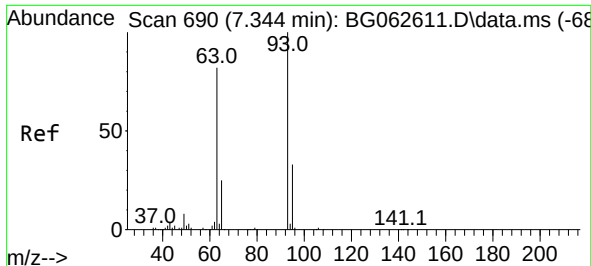
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#10
Phenol
Concen: 3.548 ng
RT: 7.113 min Scan# 651
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

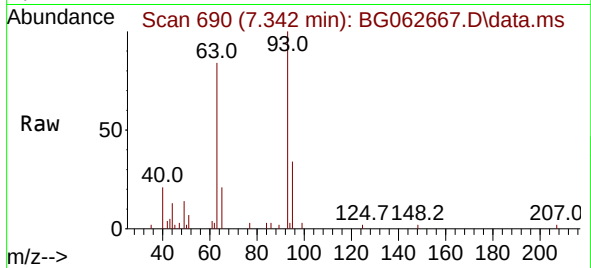
Tgt Ion: 94 Resp: 16029
Ion Ratio Lower Upper
94 100
65 34.5 8.6 48.6
66 38.2 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 3.689 ng
RT: 7.342 min Scan# 690
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

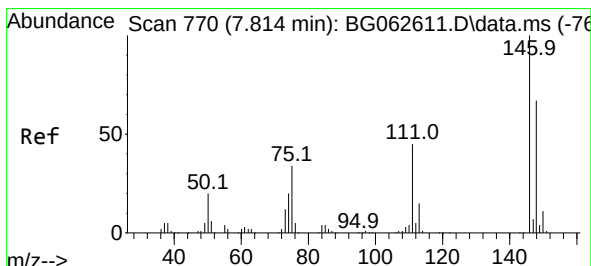
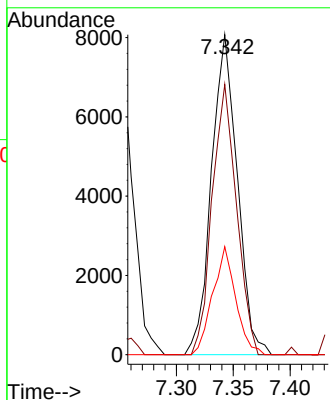
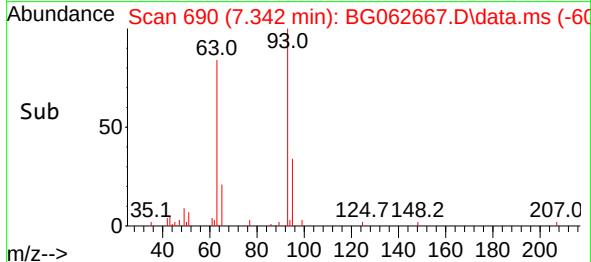
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion: 93 Resp: 12760
Ion Ratio Lower Upper
93 100
63 84.4 61.9 101.9
95 33.8 12.9 52.9

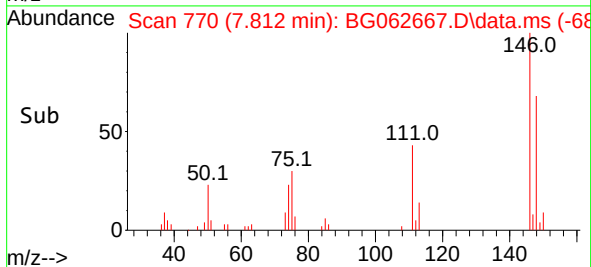
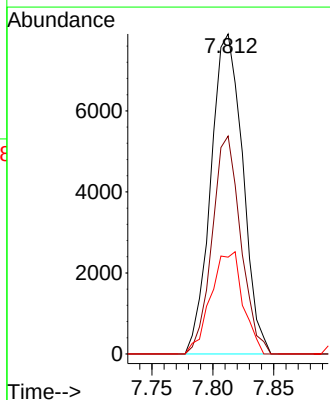
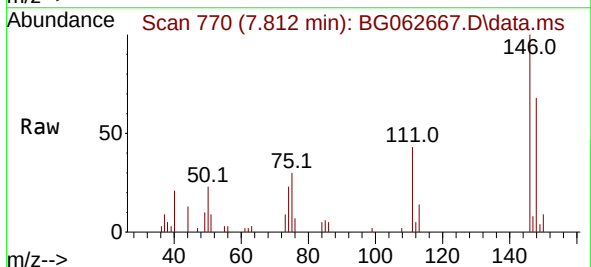
Manual Integrations
APPROVED

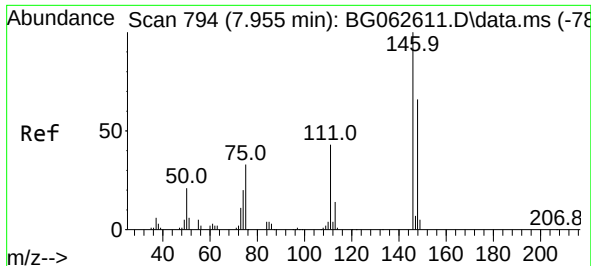
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#12
1,3-Dichlorobenzene
Concen: 3.949 ng
RT: 7.812 min Scan# 770
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

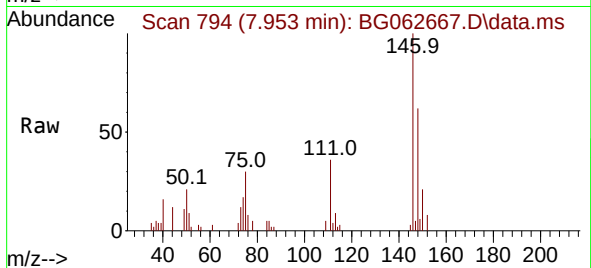
Tgt Ion:146 Resp: 14374
Ion Ratio Lower Upper
146 100
148 68.1 53.9 80.9
75 30.2 27.0 40.4





#13
1,4-Dichlorobenzene
Concen: 3.836 ng
RT: 7.953 min Scan# 794
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

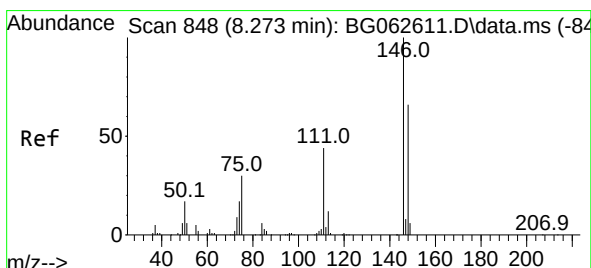
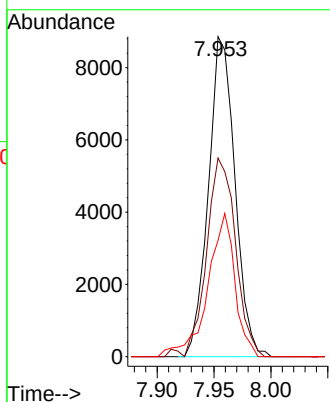
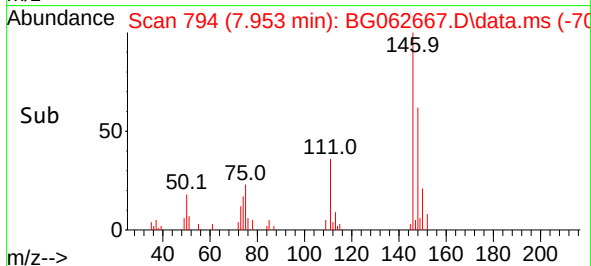
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:146 Resp: 14370
Ion Ratio Lower Upper
146 100
148 62.1 53.0 79.6
111 36.3 34.9 52.3

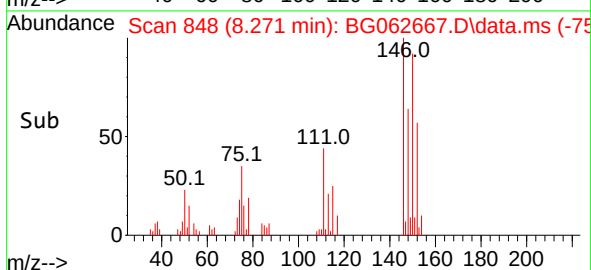
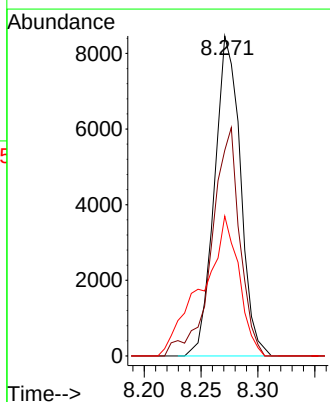
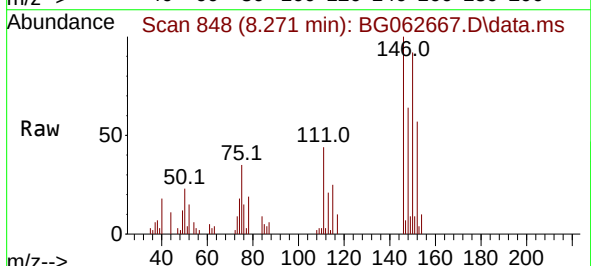
Manual Integrations
APPROVED

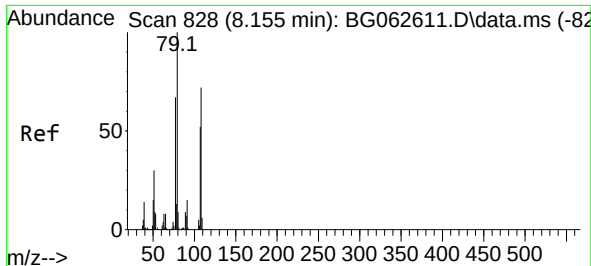
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#14
1,2-Dichlorobenzene
Concen: 3.640 ng
RT: 8.271 min Scan# 848
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

Tgt Ion:146 Resp: 13403
Ion Ratio Lower Upper
146 100
148 64.2 52.5 78.7
111 43.7 35.5 53.3





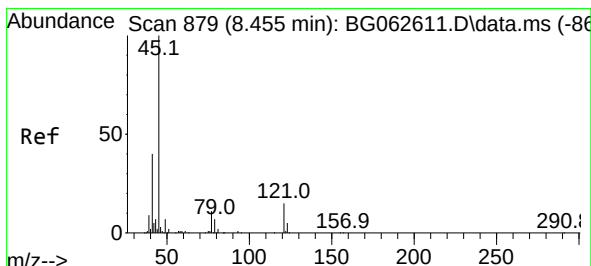
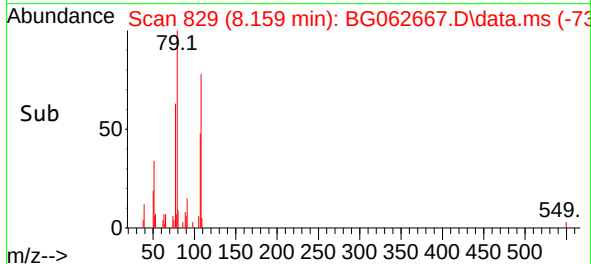
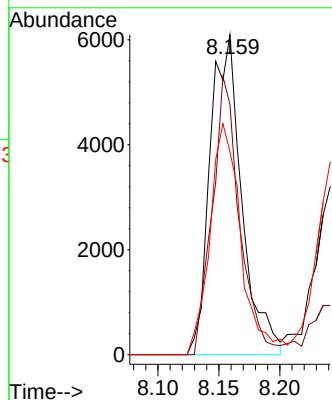
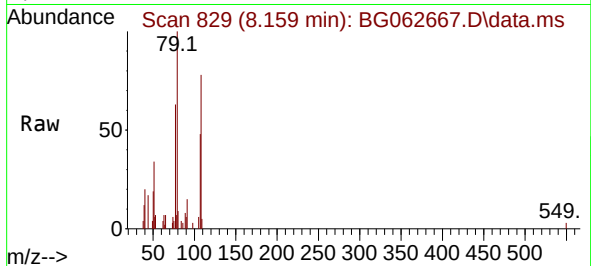
#15
Benzyl Alcohol
Concen: 3.331 ng
RT: 8.159 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion: 79 Resp: 11000
Ion Ratio Lower Upper
79 100
108 78.2 57.9 86.9
77 63.4 53.4 80.2

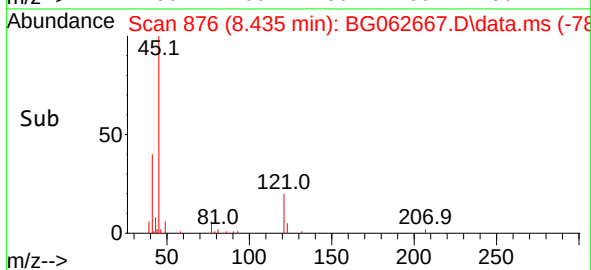
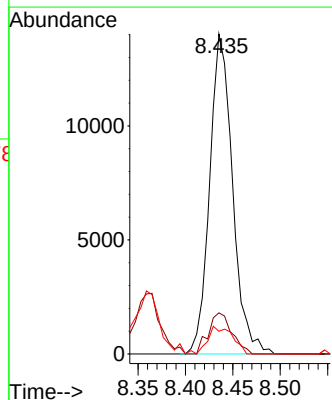
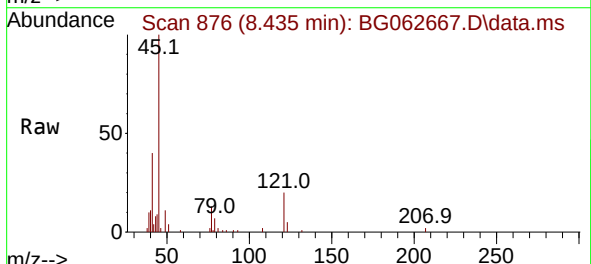
Manual Integrations
APPROVED

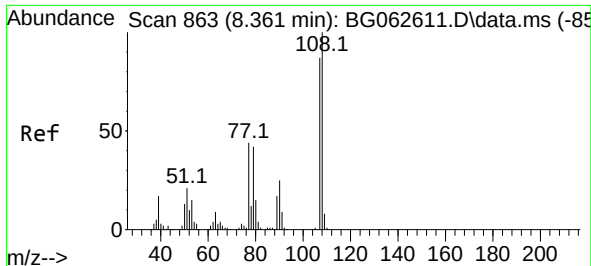
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.577 ng
RT: 8.435 min Scan# 876
Delta R.T. -0.019 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

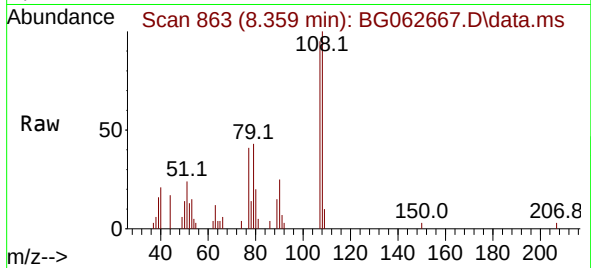
Tgt Ion: 45 Resp: 23586
Ion Ratio Lower Upper
45 100
77 12.8 0.0 31.7
79 7.1 0.0 28.3





#17
2-Methylphenol
Concen: 3.284 ng
RT: 8.359 min Scan# 801
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

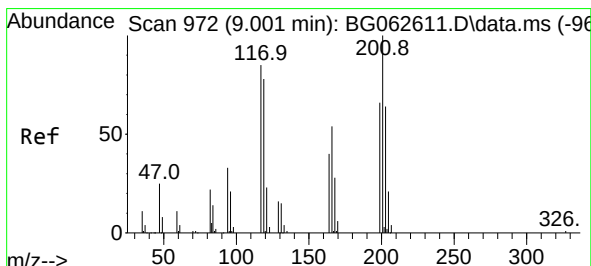
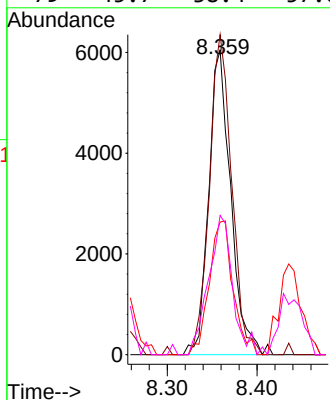
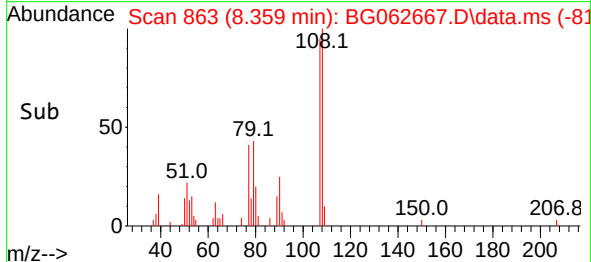
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:	107	Resp:	1034
Ion	Ratio	Lower	Upper
107	100		
108	105.0	91.5	137.3
77	43.6	40.0	60.0
79	45.7	38.4	57.6

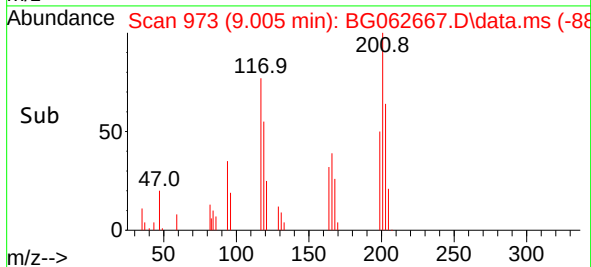
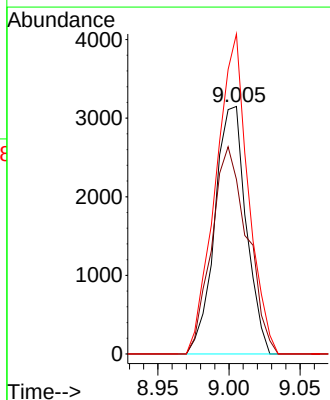
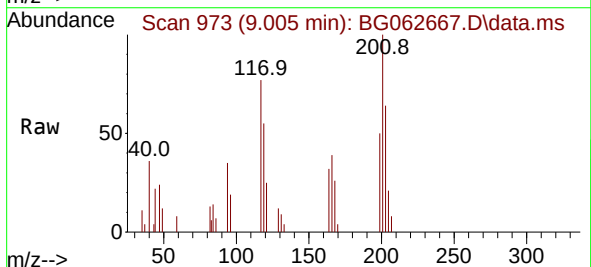
Manual Integrations
APPROVED

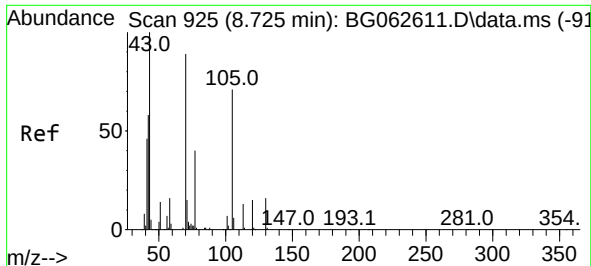
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#18
Hexachloroethane
Concen: 3.440 ng
RT: 9.005 min Scan# 973
Delta R.T. 0.004 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

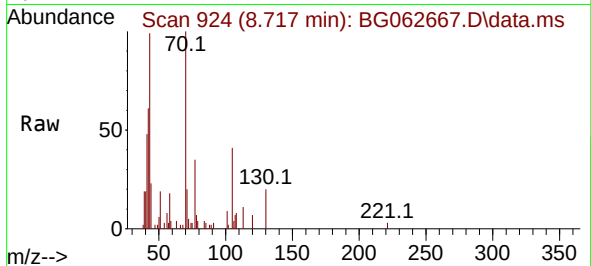
Tgt Ion:	117	Resp:	4832
Ion	Ratio	Lower	Upper
117	100		
119	70.6	73.4	110.0#
201	129.3	93.9	140.9





#19
n-Nitroso-di-n-propylamine
Concen: 3.083 ng
RT: 8.717 min Scan# 918
Delta R.T. -0.008 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

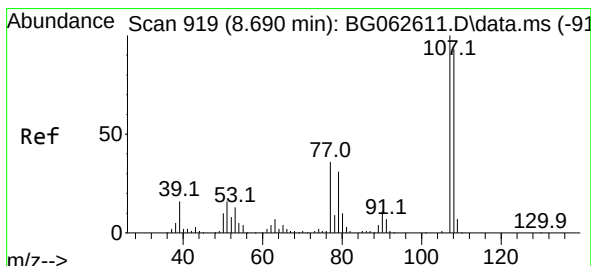
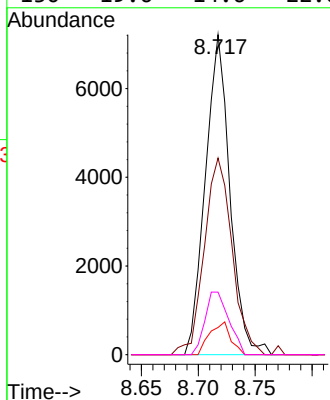
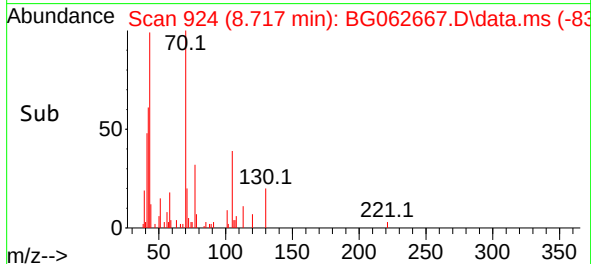
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2024



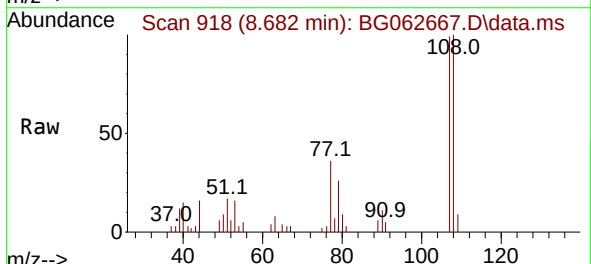
Tgt Ion: 70 Resp: 1084
Ion Ratio Lower Upper
70 100
42 61.5 52.3 78.5
101 8.5 6.6 9.8
130 19.6 14.6 22.0

Manual Integrations
APPROVED

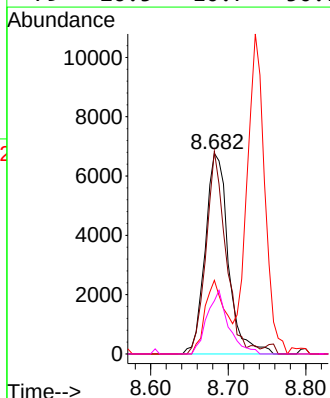
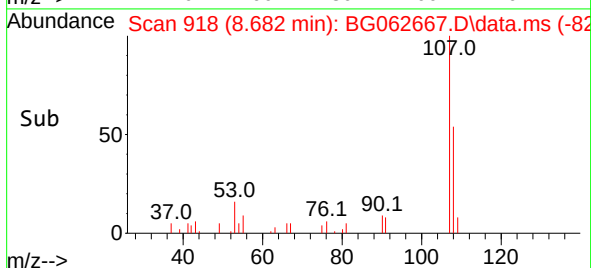
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

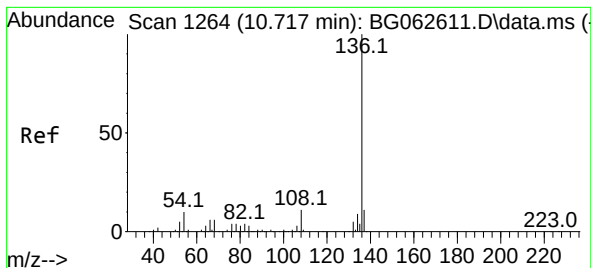


#20
3+4-Methylphenols
Concen: 3.008 ng
RT: 8.682 min Scan# 918
Delta R.T. -0.008 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10



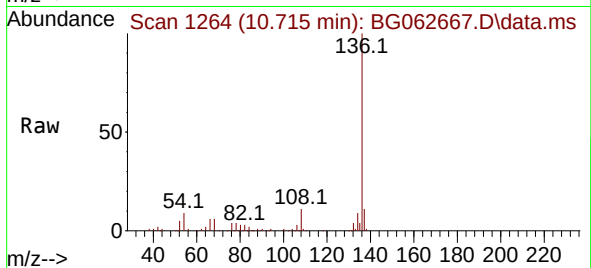
Tgt Ion:107 Resp: 13977
Ion Ratio Lower Upper
107 100
108 101.0 72.7 112.7
77 36.7 16.5 56.5
79 26.5 10.7 50.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.715 min Scan# 1264
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

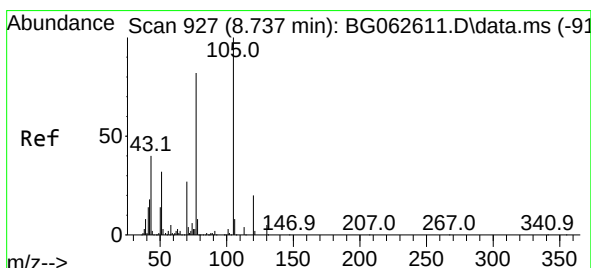
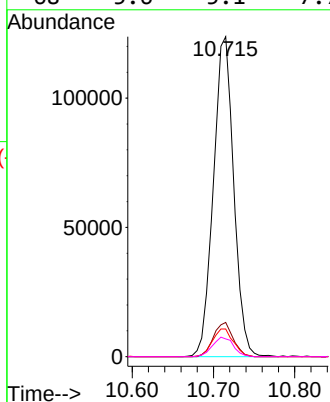
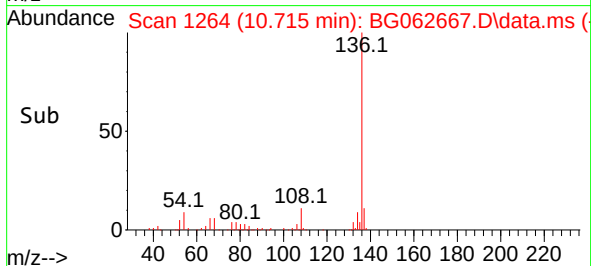
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion:136 Resp: 21538
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 8.7 7.8 11.6
68 5.6 5.1 7.7

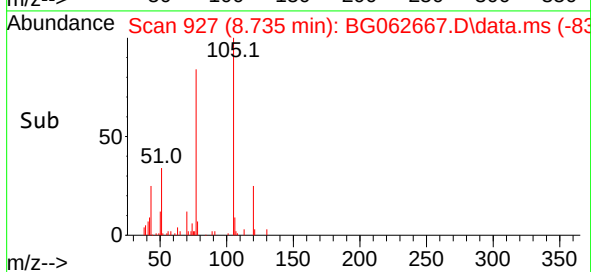
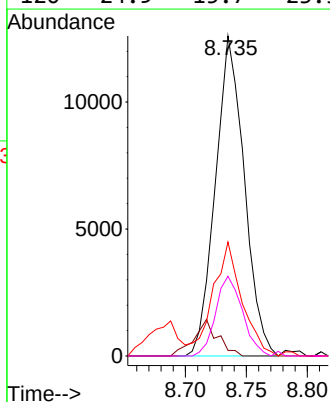
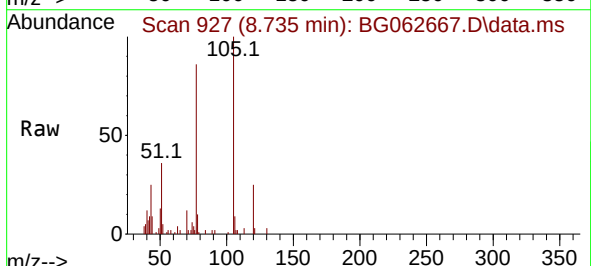
Manual Integrations
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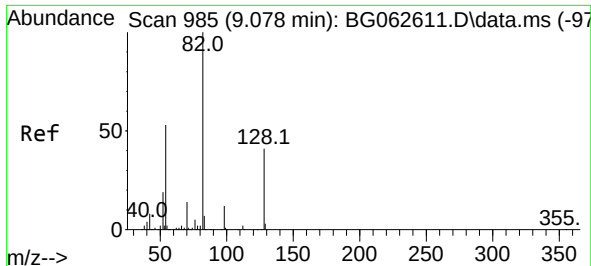
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#22
Acetophenone
Concen: 3.574 ng
RT: 8.735 min Scan# 927
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

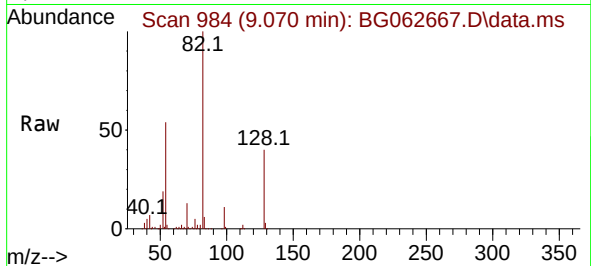
Tgt Ion:105 Resp: 20765
Ion Ratio Lower Upper
105 100
71 1.8 3.5 5.3#
51 35.6 25.7 38.5
120 24.9 15.7 23.5#





#23
Nitrobenzene-d5
Concen: 83.424 ng
RT: 9.070 min Scan# 984
Delta R.T. -0.008 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

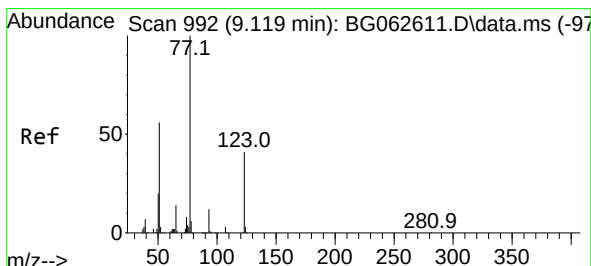
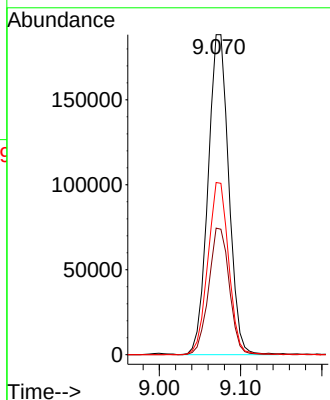
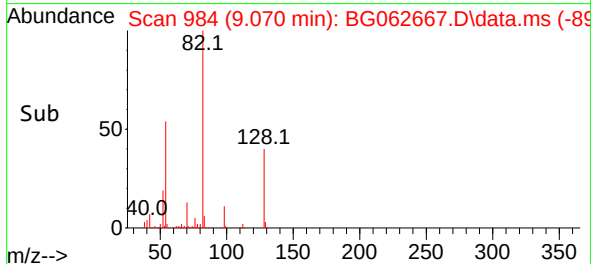
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion: 82 Resp: 33363
Ion Ratio Lower Upper
82 100
128 39.6 32.5 48.7
54 53.8 42.5 63.7

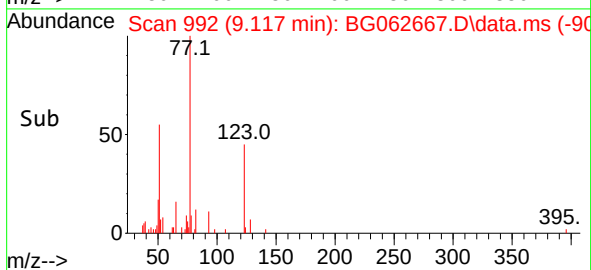
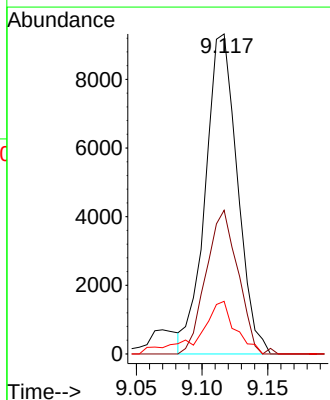
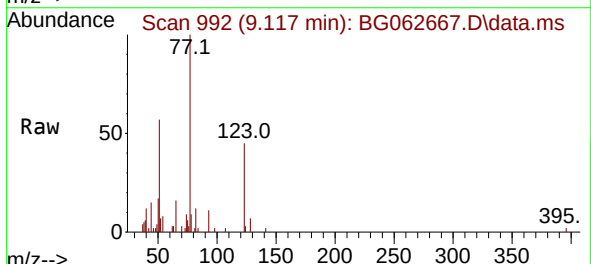
Manual Integrations
APPROVED

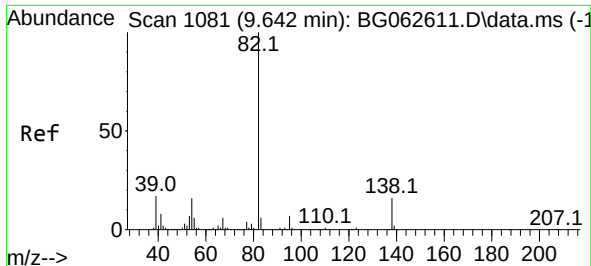
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#24
Nitrobenzene
Concen: 3.714 ng
RT: 9.117 min Scan# 992
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

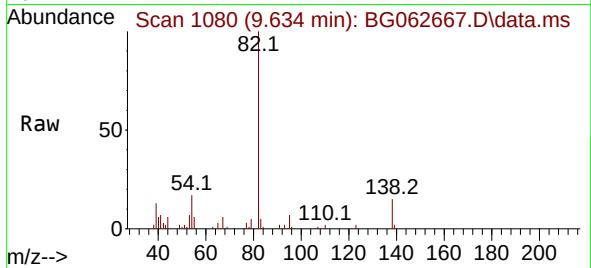
Tgt Ion: 77 Resp: 15794
Ion Ratio Lower Upper
77 100
123 44.9 33.1 49.7
65 16.5 11.0 16.4#





#25
Isophorone
Concen: 3.547 ng
RT: 9.634 min Scan# 1080
Delta R.T. -0.008 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

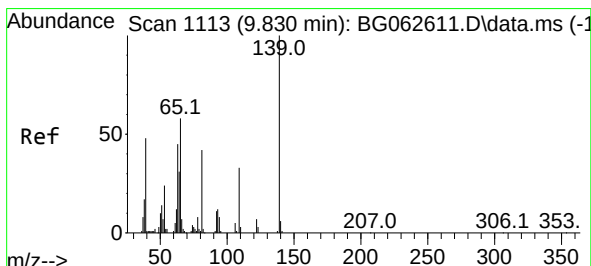
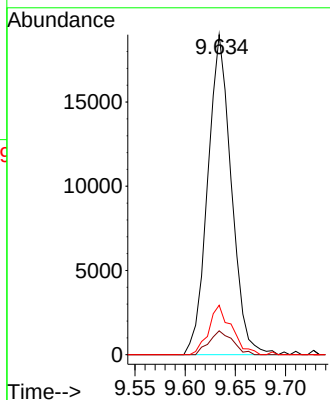
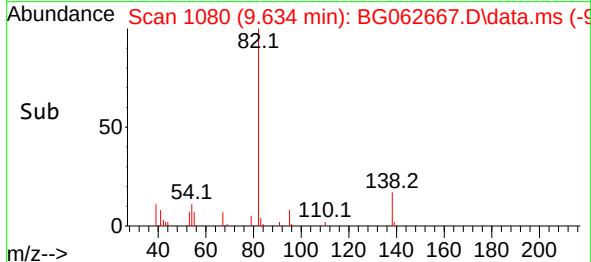
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion: 82 Resp: 3114
Ion Ratio Lower Upper
82 100
95 7.5 5.4 8.0
138 15.4 12.6 18.8

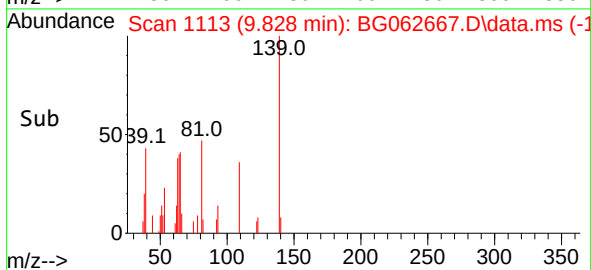
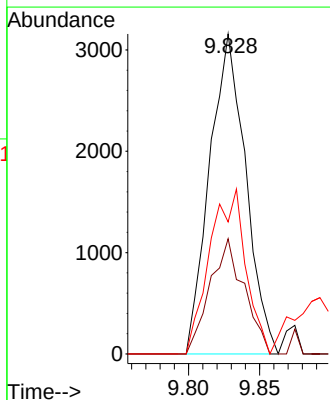
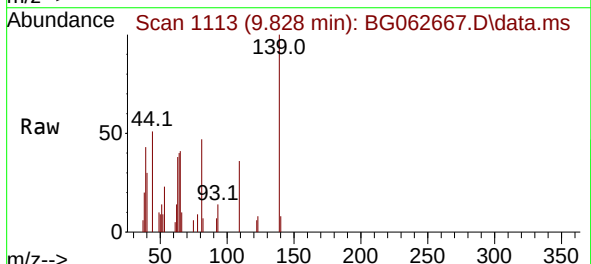
Manual Integrations
APPROVED

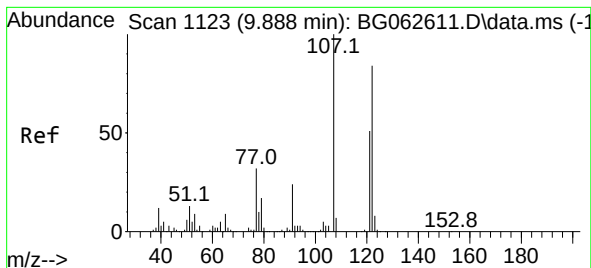
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#26
2-Nitrophenol
Concen: 3.464 ng
RT: 9.828 min Scan# 1113
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

Tgt Ion:139 Resp: 5565
Ion Ratio Lower Upper
139 100
109 36.0 26.6 39.8
65 41.2 46.5 69.7#





#27

2,4-Dimethylphenol

Concen: 3.503 ng

RT: 9.886 min Scan# 1123

Delta R.T. -0.002 min

Lab File: BG062667.D

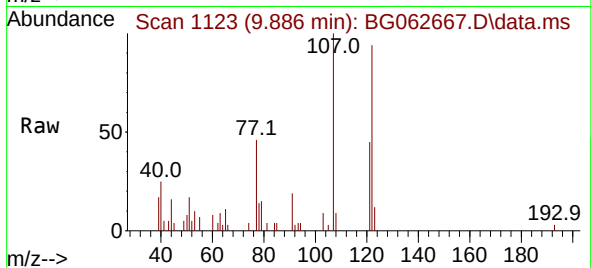
Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024

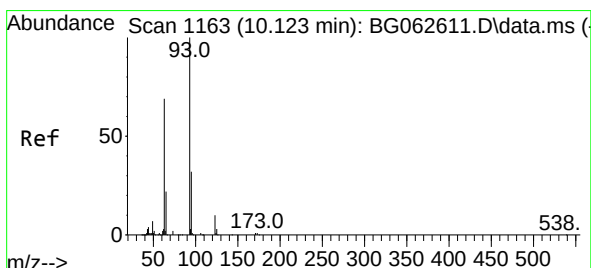
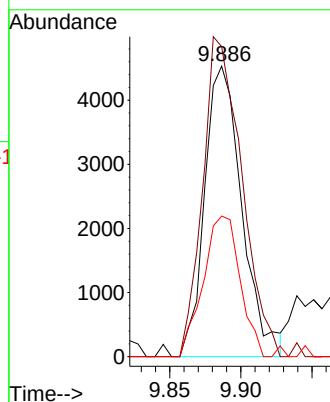
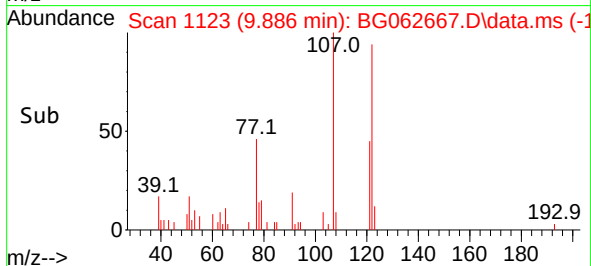


Tgt Ion:	122	Resp:	824
Ion	Ratio	Lower	Upper
122	100		
107	106.7	95.8	143.6
121	48.4	48.6	72.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#28

bis(2-Chloroethoxy)methane

Concen: 3.665 ng

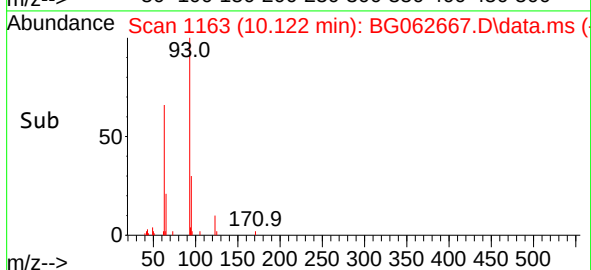
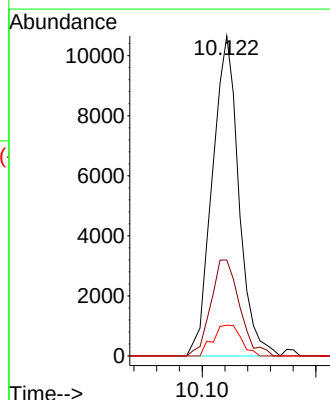
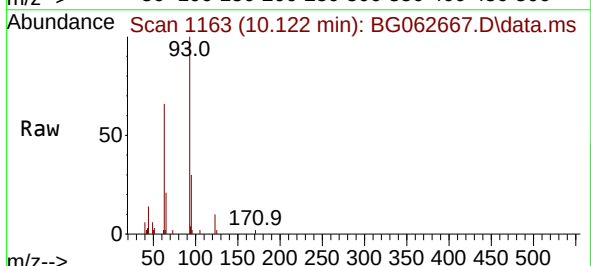
RT: 10.122 min Scan# 1163

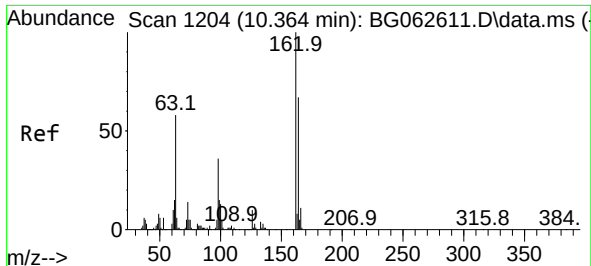
Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Tgt Ion:	93	Resp:	17226
Ion	Ratio	Lower	Upper
93	100		
95	30.0	25.4	38.0
123	9.6	7.9	11.9





#29

2,4-Dichlorophenol

Concen: 3.633 ng

RT: 10.362 min Scan# 1195

Delta R.T. -0.002 min

Lab File: BG062667.D

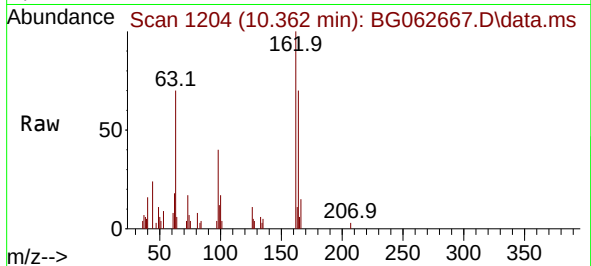
Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024

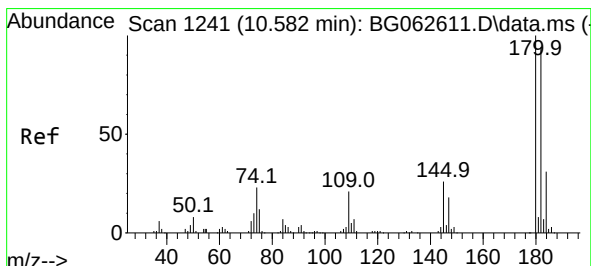
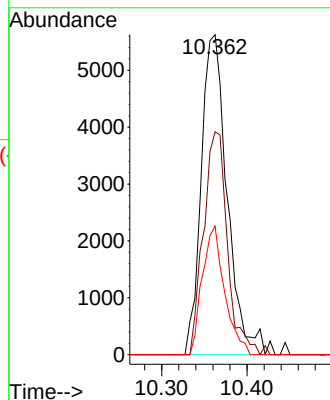
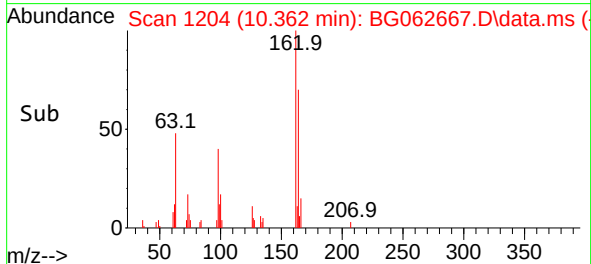


Tgt Ion	Ratio	Lower	Upper
162	100		
164	69.6	46.8	86.8
98	40.2	16.4	56.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#30

1,2,4-Trichlorobenzene

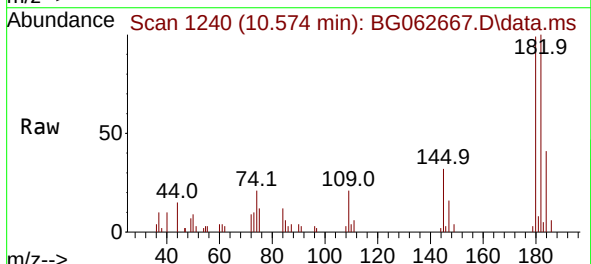
Concen: 3.925 ng

RT: 10.574 min Scan# 1240

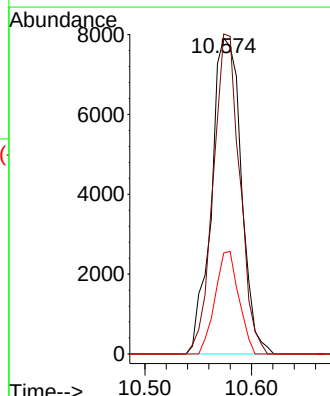
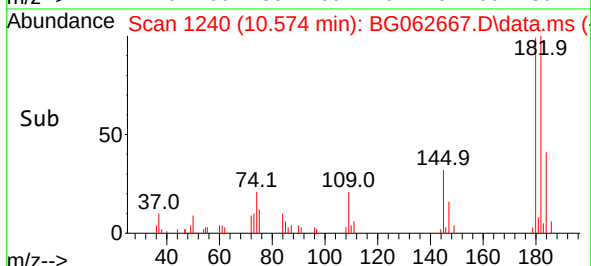
Delta R.T. -0.008 min

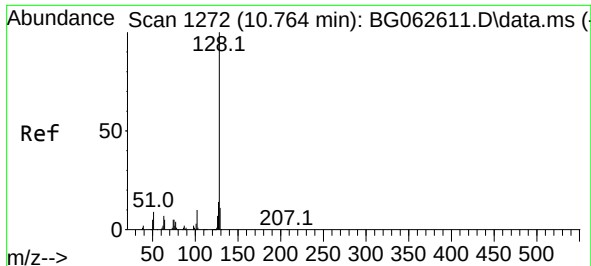
Lab File: BG062667.D

Acq: 5 Sep 2024 15:10



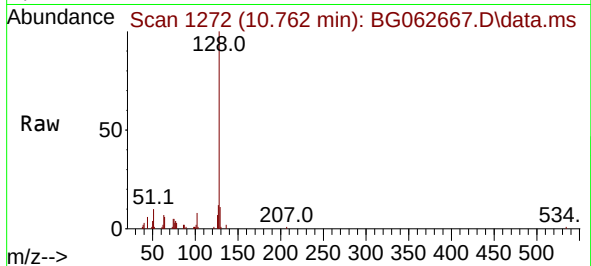
Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.3	75.1	112.7
145	32.0	20.8	31.2





#31
Naphthalene
Concen: 3.963 ng
RT: 10.762 min Scan# 1127
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

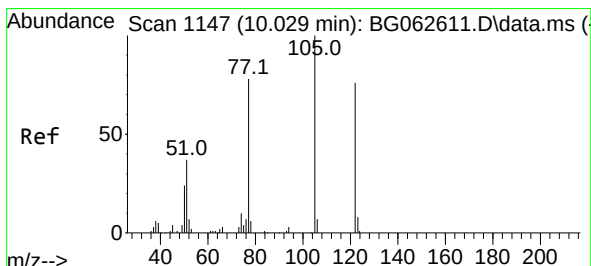
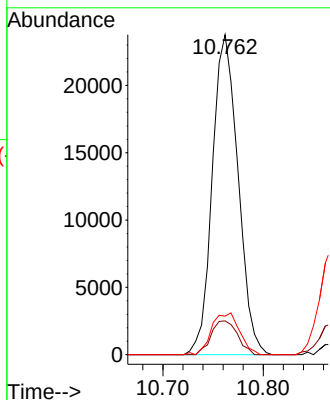
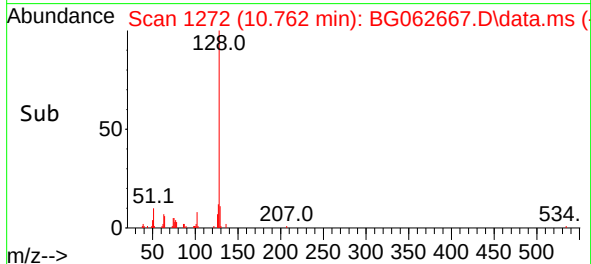
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion:128 Resp: 42308
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 12.1 11.3 16.9

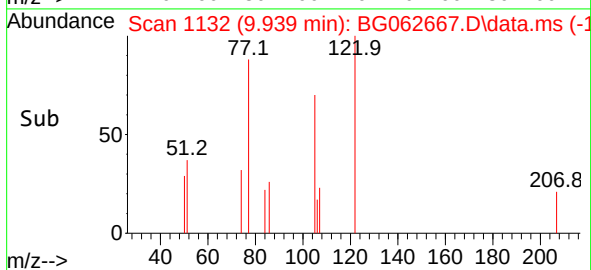
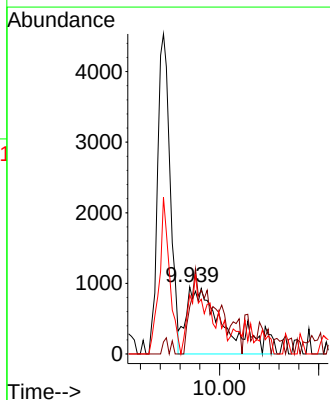
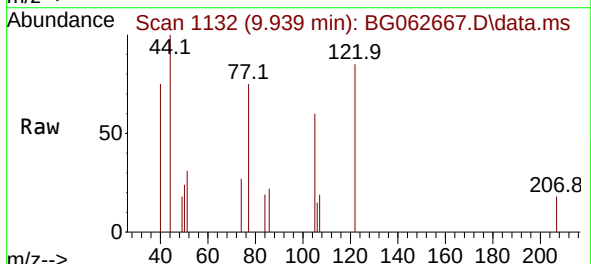
Manual Integrations
APPROVED

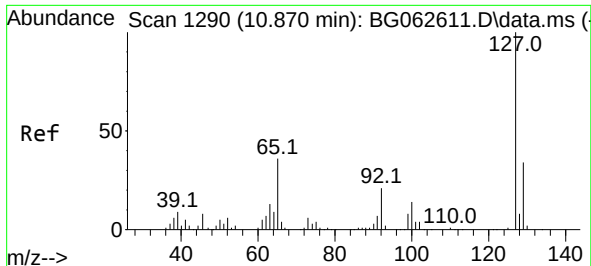
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#32
Benzoic acid
Concen: 2.027 ng m
RT: 9.939 min Scan# 1132
Delta R.T. -0.090 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

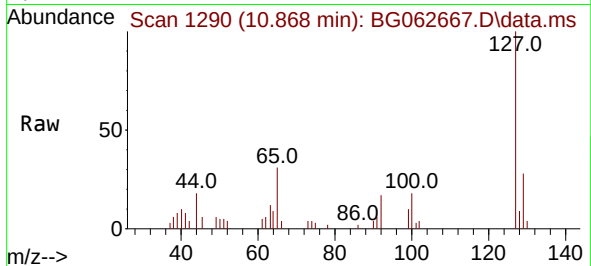
Tgt Ion:122 Resp: 5133
Ion Ratio Lower Upper
122 100
105 70.2 105.7 145.7#
77 88.3 79.9 119.9





#33
4-Chloroaniline
Concen: 3.753 ng
RT: 10.868 min Scan# 1290
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

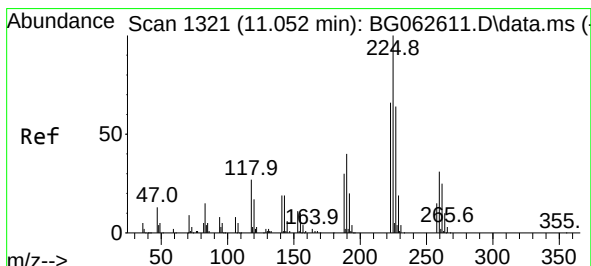
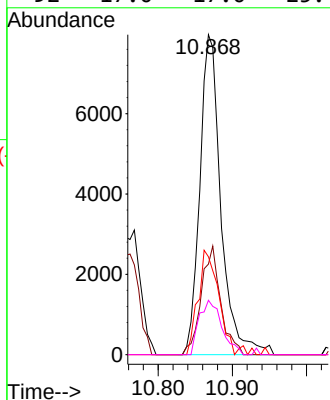
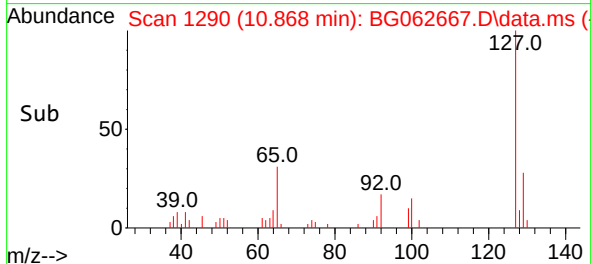
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:127 Resp: 15768
Ion Ratio Lower Upper
127 100
129 28.3 27.3 40.9
65 30.6 29.0 43.4
92 17.0 17.0 25.4

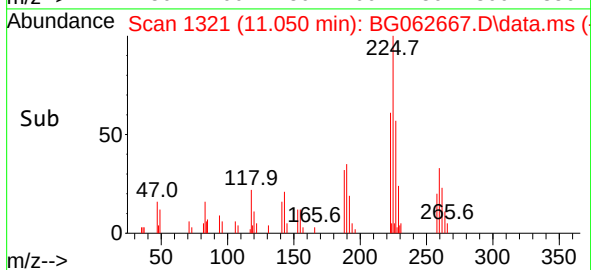
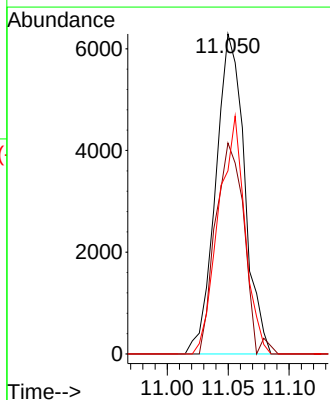
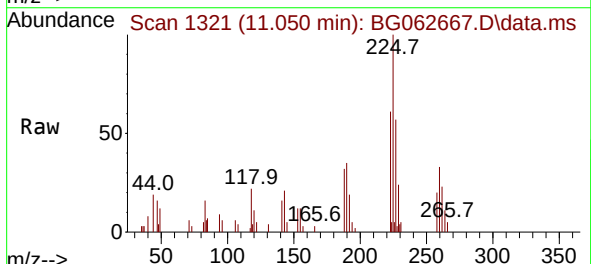
Manual Integrations
APPROVED

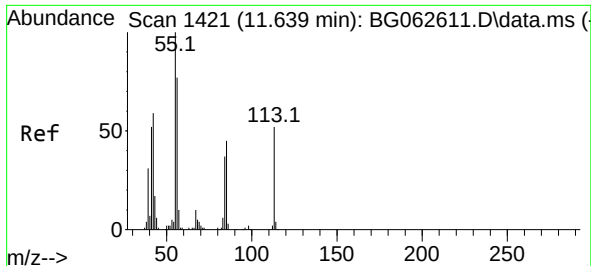
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#34
Hexachlorobutadiene
Concen: 3.796 ng
RT: 11.050 min Scan# 1321
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

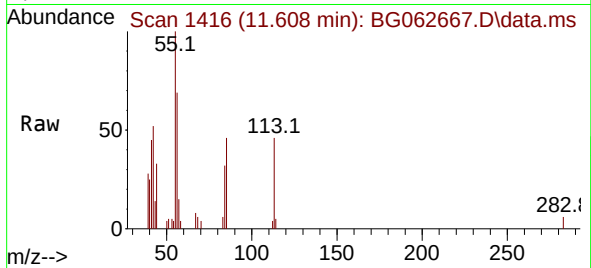
Tgt Ion:225 Resp: 10344
Ion Ratio Lower Upper
225 100
223 63.0 50.1 75.1
227 58.0 48.9 73.3





#35
Caprolactam
Concen: 3.400 ng
RT: 11.608 min Scan# 1416
Delta R.T. -0.031 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

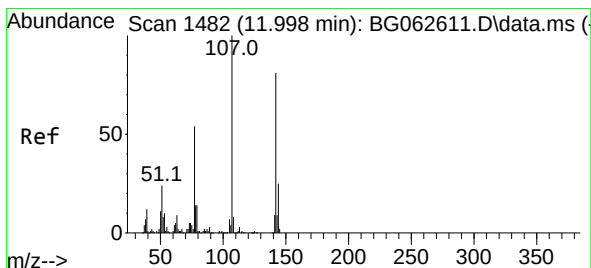
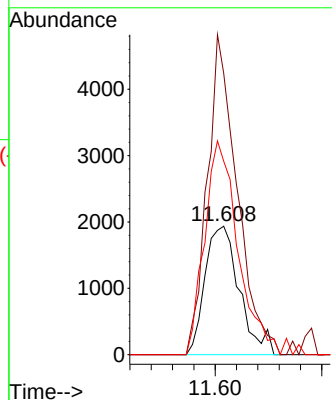
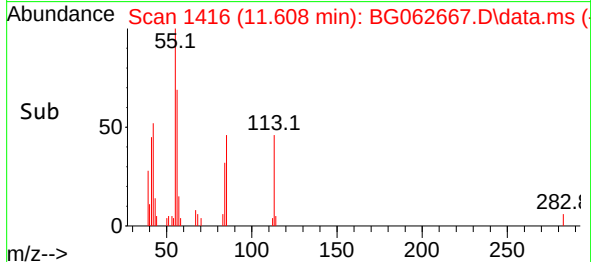
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion:113 Resp: 4315
Ion Ratio Lower Upper
113 100
55 218.9 174.1 214.1
56 150.5 129.8 169.8

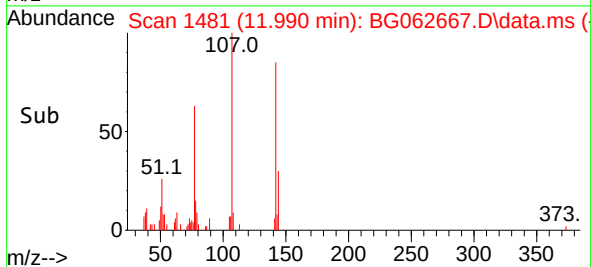
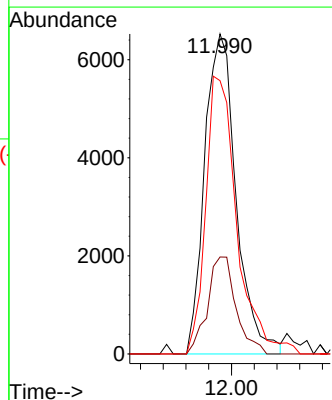
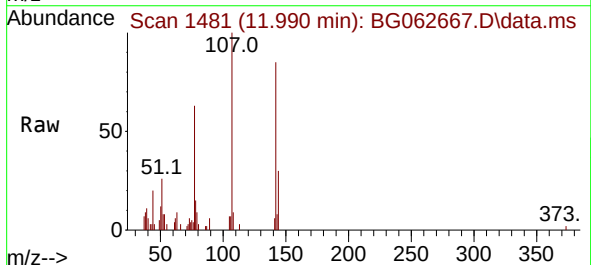
Manual Integrations
APPROVED

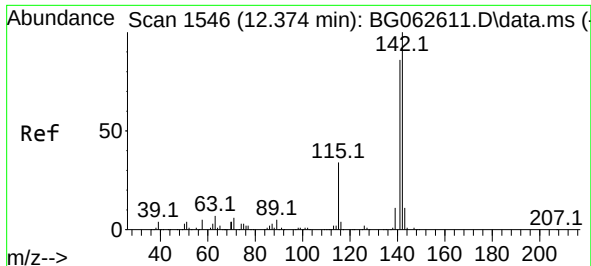
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#36
4-Chloro-3-methylphenol
Concen: 3.156 ng
RT: 11.990 min Scan# 1481
Delta R.T. -0.008 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

Tgt Ion:107 Resp: 12530
Ion Ratio Lower Upper
107 100
144 30.3 19.8 29.8
142 85.4 64.7 97.1





#37

2-Methylnaphthalene

Concen: 3.638 ng

RT: 12.372 min Scan# 1546

Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

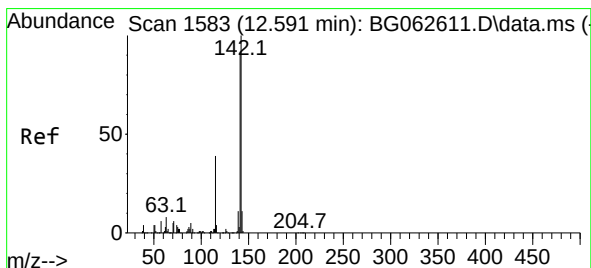
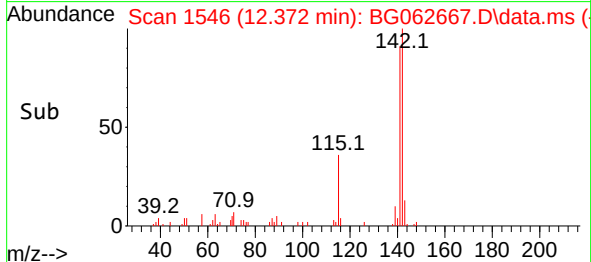
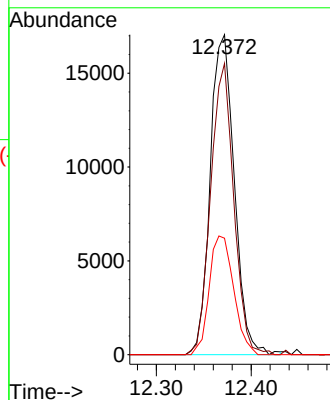
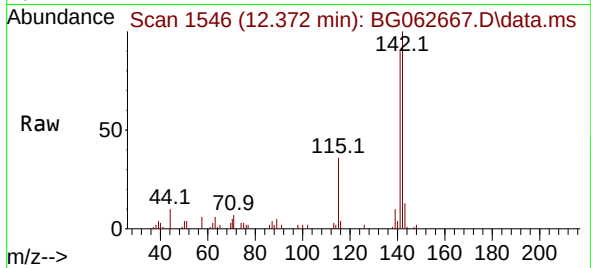
MDL-WATER-03-QT2-2024

Tgt Ion:	142	Resp:	30120
Ion Ratio	Lower	Upper	
142	100		
141	91.0	68.9	103.3
115	36.4	27.5	41.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#38

1-Methylnaphthalene

Concen: 3.601 ng

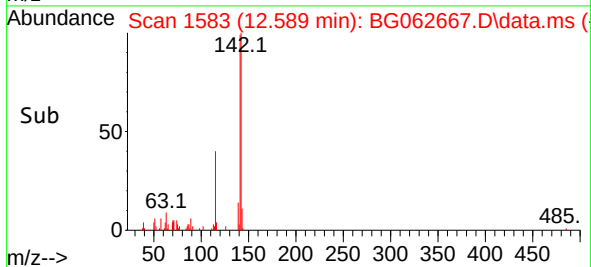
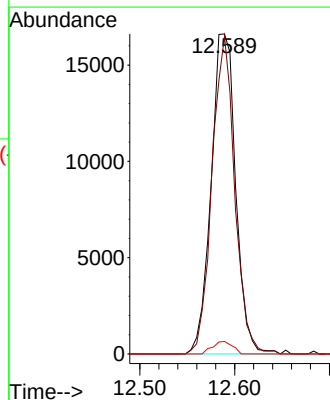
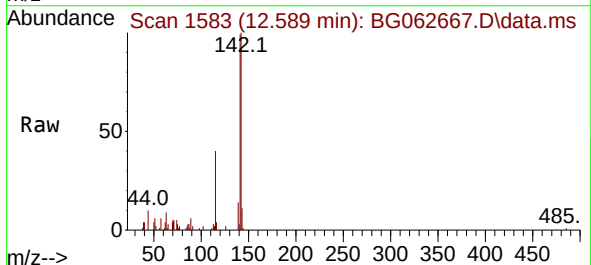
RT: 12.589 min Scan# 1583

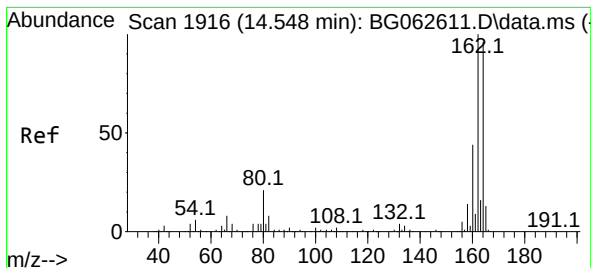
Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Tgt Ion:	142	Resp:	29944
Ion Ratio	Lower	Upper	
142	100		
141	99.3	73.0	109.4
116	3.9	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.546 min Scan# 1916

Delta R.T. -0.002 min

Lab File: BG062667.D

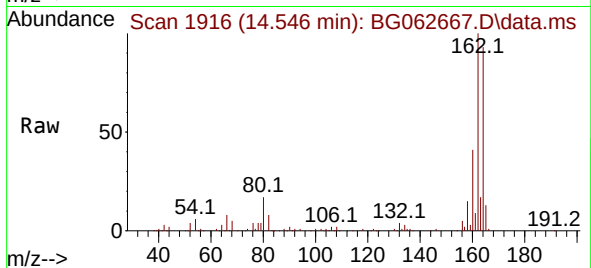
Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024



Tgt Ion:164 Resp: 17472

Ion Ratio Lower Upper

164 100

162 107.0 83.1 124.7

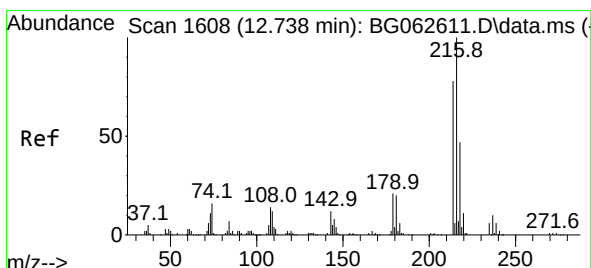
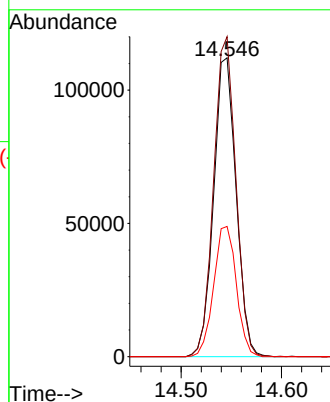
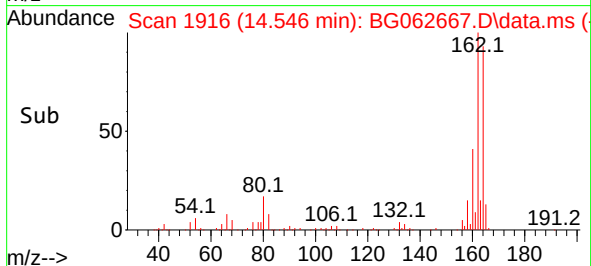
160 43.6 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024

Supervised By :mohammad ahmed 09/07/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.063 ng

RT: 12.736 min Scan# 1608

Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Tgt Ion:216 Resp: 21348

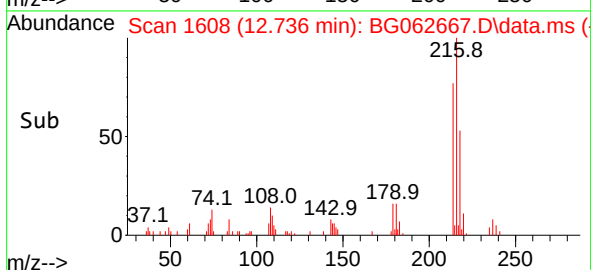
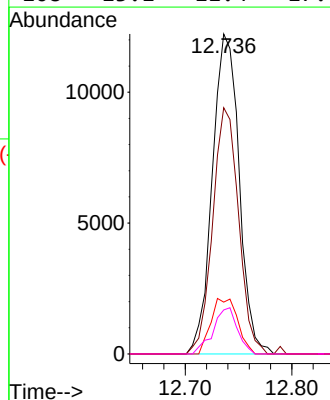
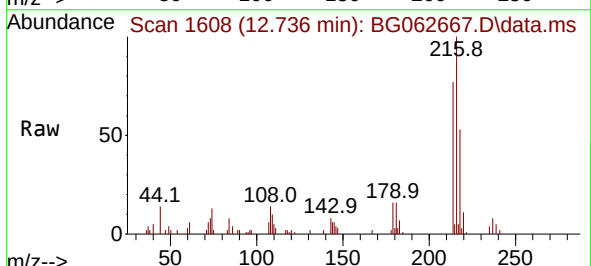
Ion Ratio Lower Upper

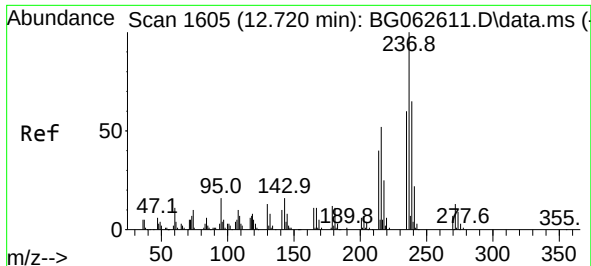
216 100

214 74.2 61.6 92.4

179 17.3 15.9 23.9

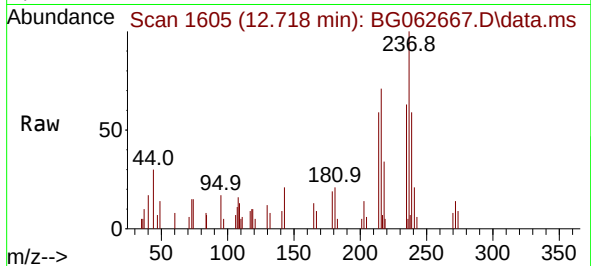
108 13.1 11.4 17.0





#41
Hexachlorocyclopentadiene
Concen: 3.332 ng
RT: 12.718 min Scan# 10
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

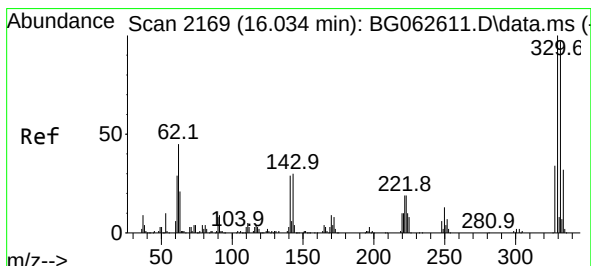
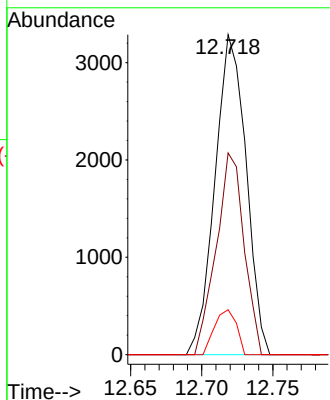
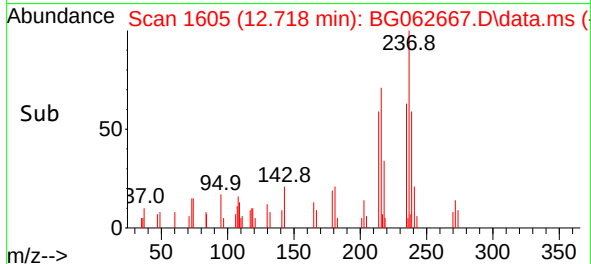
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:237 Resp: 499
Ion Ratio Lower Upper
237 100
235 63.0 40.4 80.4
272 14.0 0.0 32.7

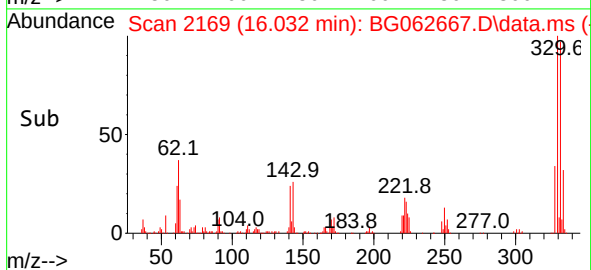
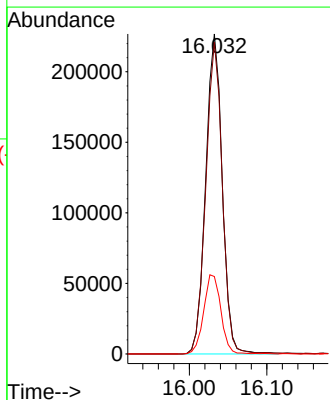
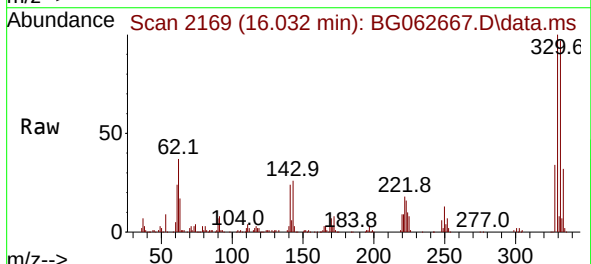
Manual Integrations
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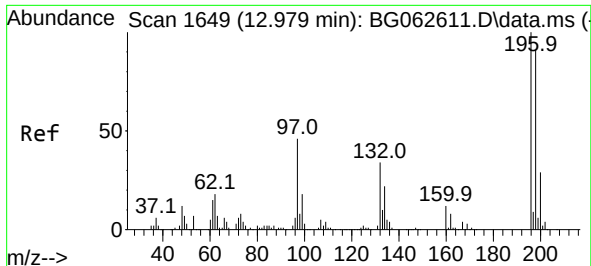
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#42
2,4,6-Tribromophenol
Concen: 136.754 ng
RT: 16.032 min Scan# 2169
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

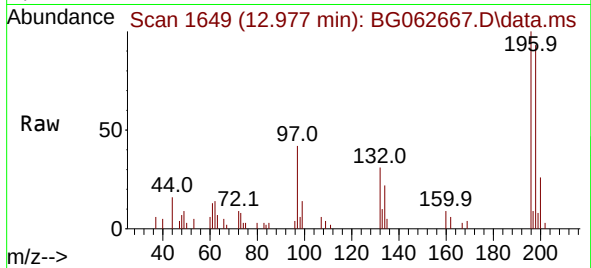
Tgt Ion:330 Resp: 336265
Ion Ratio Lower Upper
330 100
332 97.3 77.2 115.8
141 25.6 22.2 33.4





#43
2,4,6-Trichlorophenol
Concen: 3.650 ng
RT: 12.977 min Scan# 1649
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

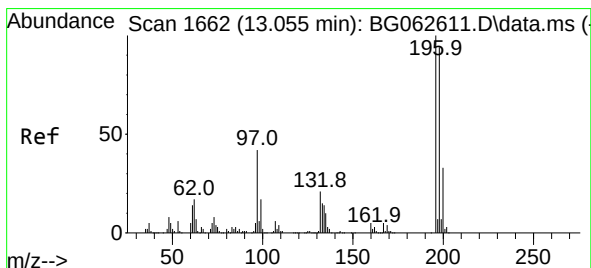
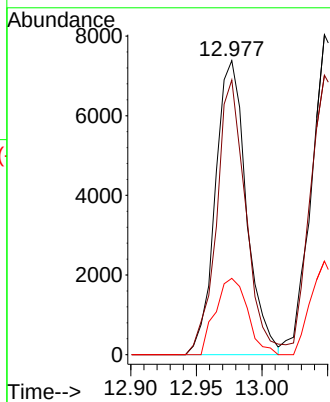
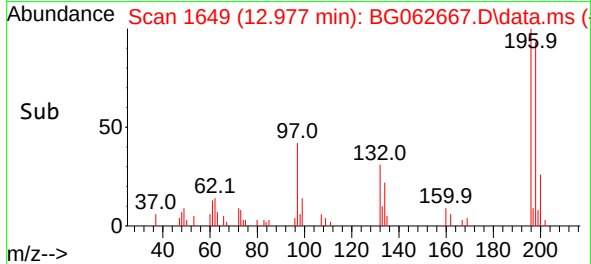
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2024



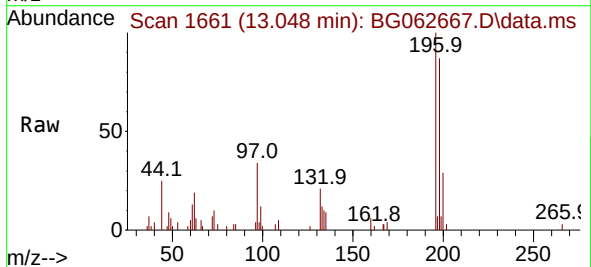
Tgt Ion:196 Resp: 1215
Ion Ratio Lower Upper
196 100
198 93.4 72.8 109.2
200 25.9 23.5 35.3

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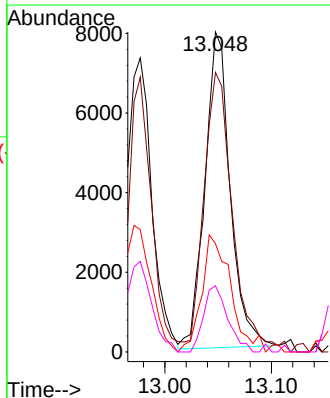
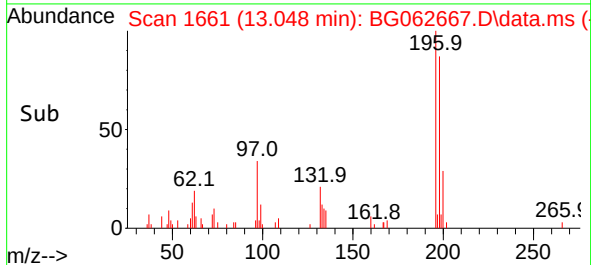
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

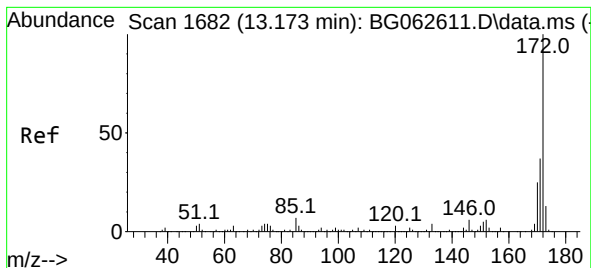


#44
2,4,5-Trichlorophenol
Concen: 3.470 ng
RT: 13.048 min Scan# 1661
Delta R.T. -0.008 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10



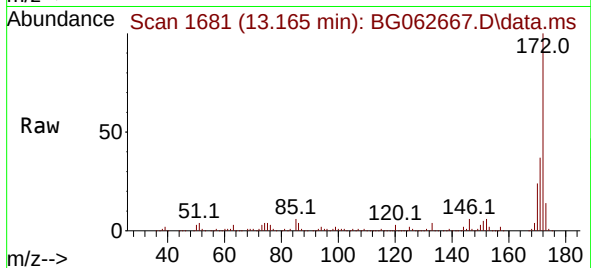
Tgt Ion:196 Resp: 13088
Ion Ratio Lower Upper
196 100
198 87.3 75.5 113.3
97 33.9 34.1 51.1#
132 20.7 17.4 26.0





#45
2-Fluorobiphenyl
Concen: 80.696 ng
RT: 13.165 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

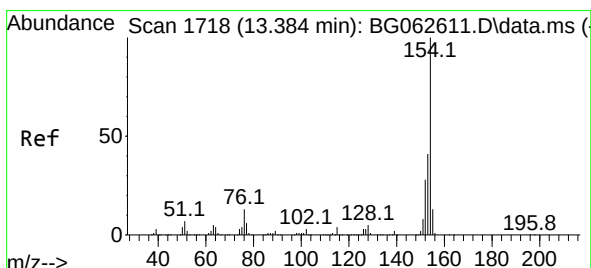
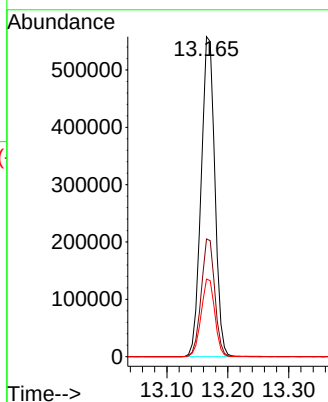
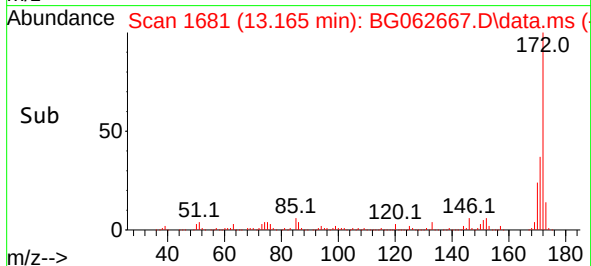
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2024



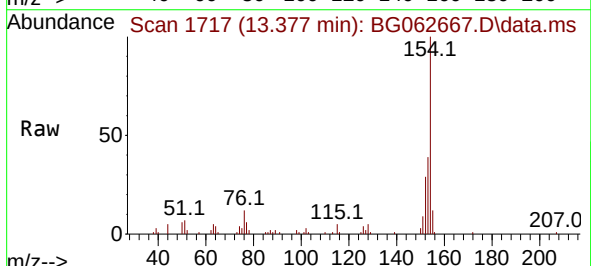
Tgt Ion:172 Resp: 870449
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 24.2 20.0 30.0

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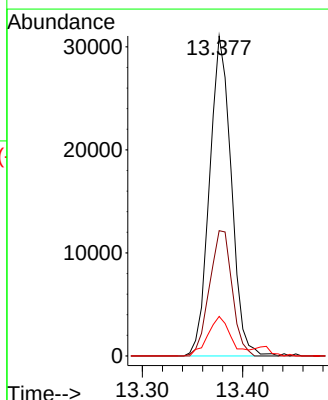
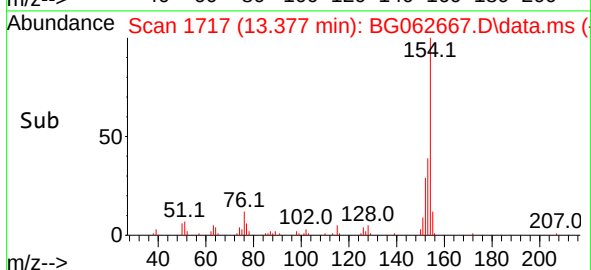
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

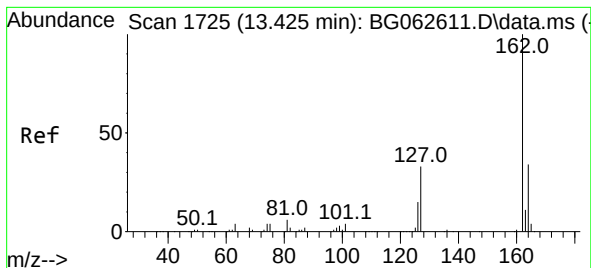


#46
1,1'-Biphenyl
Concen: 4.012 ng
RT: 13.377 min Scan# 1717
Delta R.T. -0.008 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10



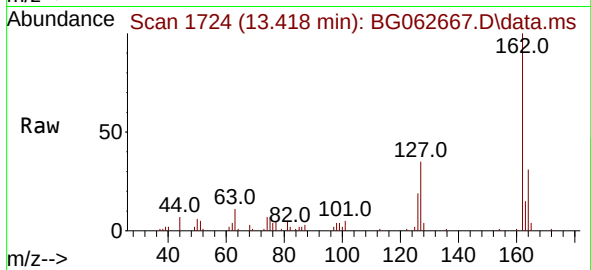
Tgt Ion:154 Resp: 46770
Ion Ratio Lower Upper
154 100
153 39.1 20.8 60.8
76 12.4 0.0 33.4





#47
2-Chloronaphthalene
Concen: 3.769 ng
RT: 13.418 min Scan# 1724
Delta R.T. -0.008 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

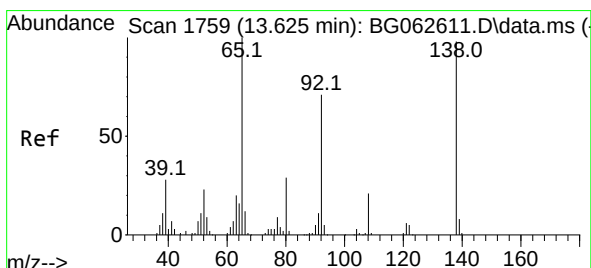
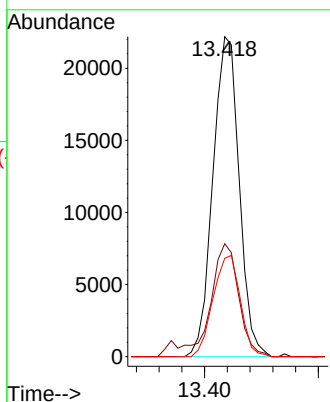
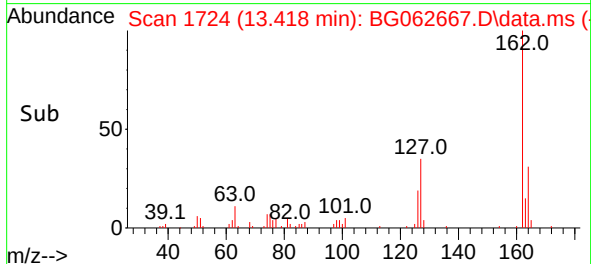
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion:162 Resp: 35609
Ion Ratio Lower Upper
162 100
127 35.3 28.7 43.1
164 30.7 26.9 40.3

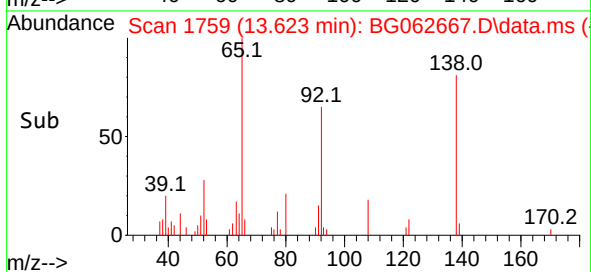
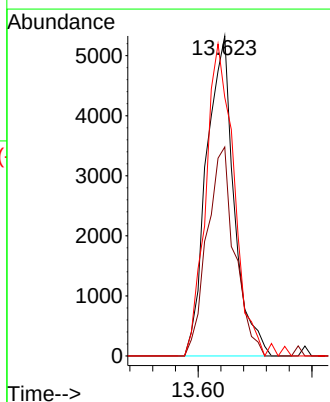
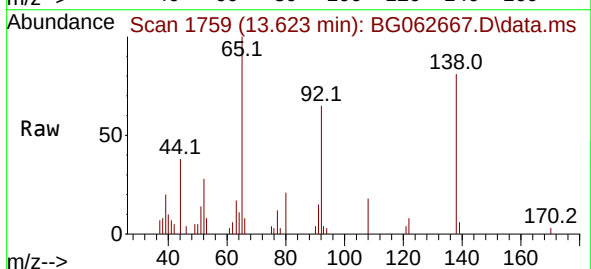
Manual Integrations
APPROVED

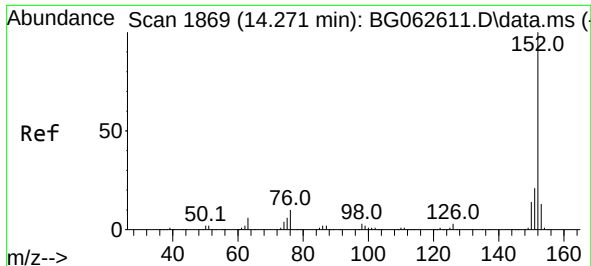
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#48
2-Nitroaniline
Concen: 3.607 ng
RT: 13.623 min Scan# 1759
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

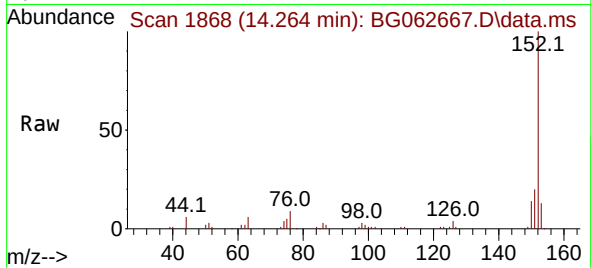
Tgt Ion: 65 Resp: 8962
Ion Ratio Lower Upper
65 100
92 65.3 56.6 84.8
138 80.9 78.7 118.1





#49
Acenaphthylene
Concen: 4.054 ng
RT: 14.264 min Scan# 1868
Delta R.T. -0.008 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

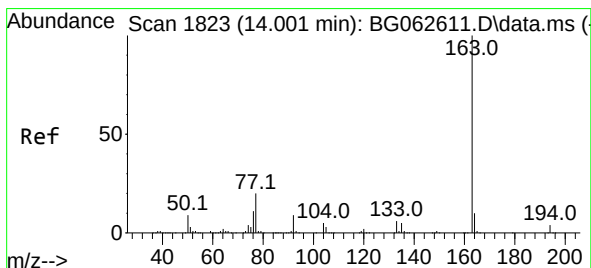
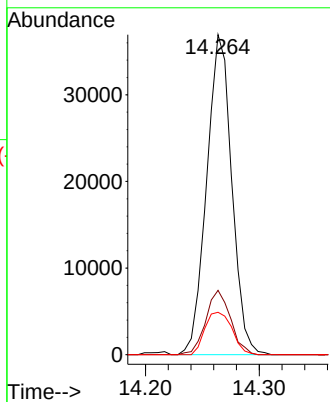
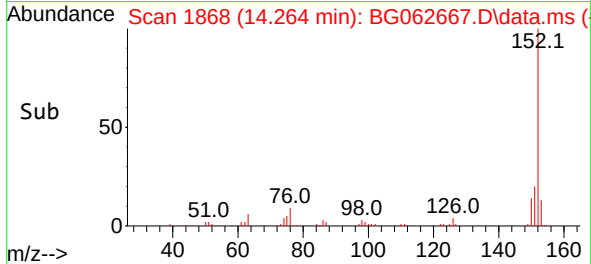
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:152 Resp: 5671
Ion Ratio Lower Upper
152 100
151 20.1 16.6 24.8
153 13.3 10.2 15.4

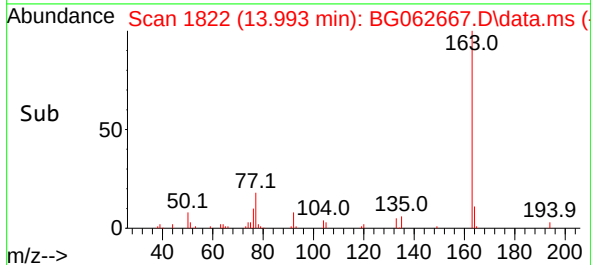
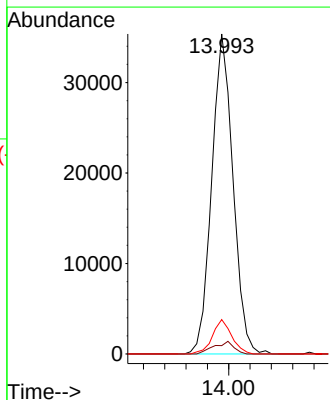
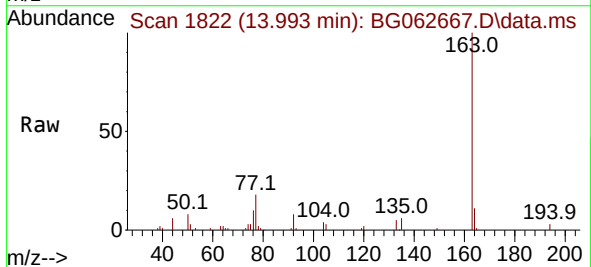
Manual Integrations
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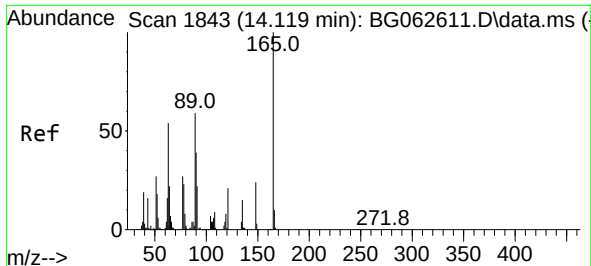
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#50
Dimethylphthalate
Concen: 3.834 ng
RT: 13.993 min Scan# 1822
Delta R.T. -0.008 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

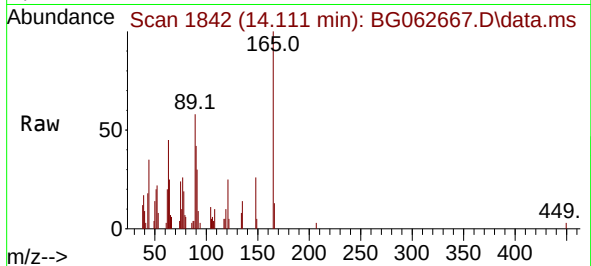
Tgt Ion:163 Resp: 48982
Ion Ratio Lower Upper
163 100
194 2.6 2.9 4.3#
164 10.7 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 3.519 ng
RT: 14.111 min Scan# 1842
Delta R.T. -0.008 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

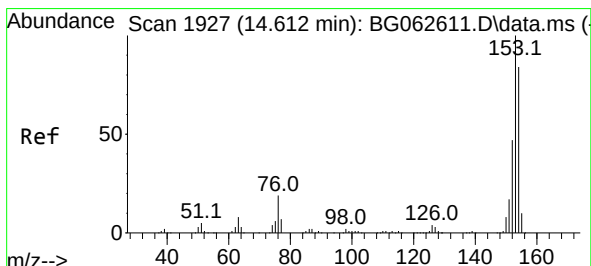
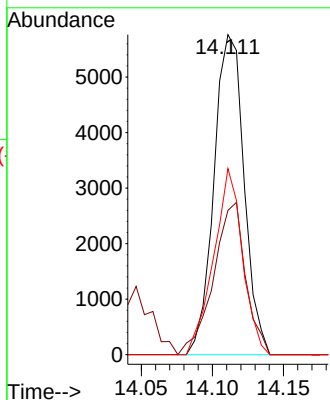
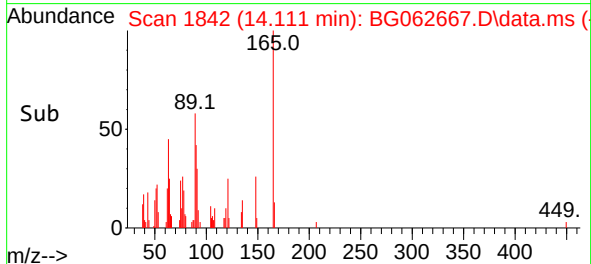
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion:165 Resp: 850
Ion Ratio Lower Upper
165 100
63 45.1 46.6 69.8
89 58.2 47.2 70.8

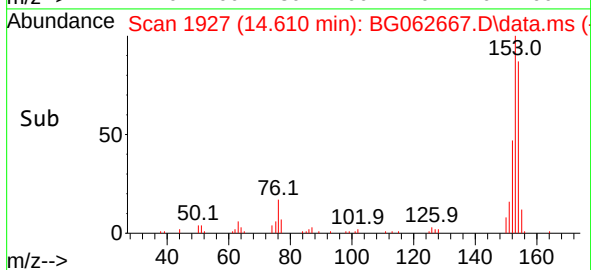
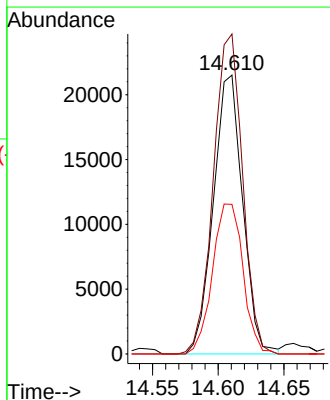
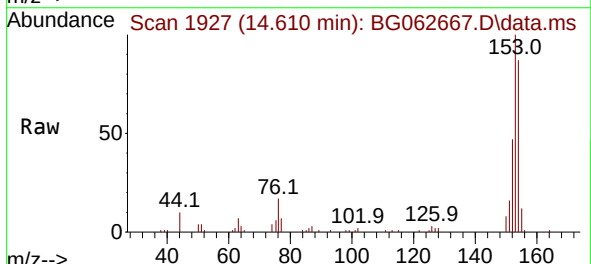
Manual Integrations
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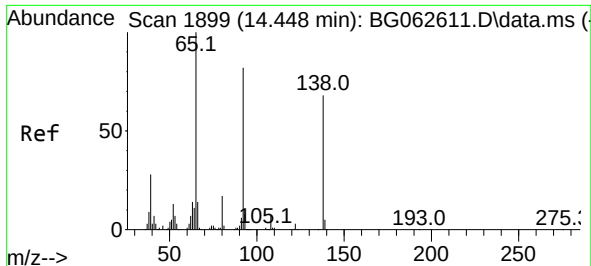
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#52
Acenaphthene
Concen: 3.813 ng
RT: 14.610 min Scan# 1927
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

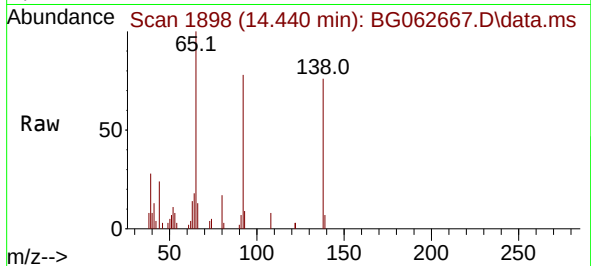
Tgt Ion:154 Resp: 33350
Ion Ratio Lower Upper
154 100
153 114.7 95.0 142.4
152 53.6 45.0 67.6





#53
3-Nitroaniline
Concen: 3.883 ng
RT: 14.440 min Scan# 1899
Delta R.T. -0.008 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

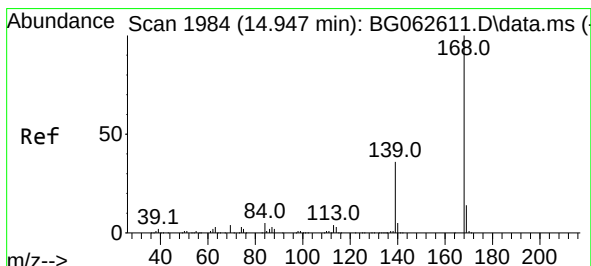
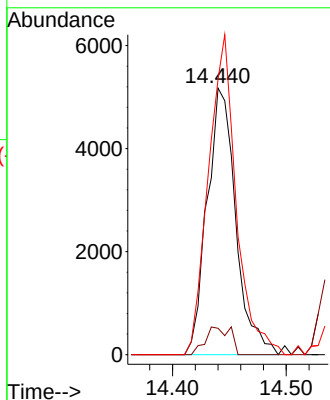
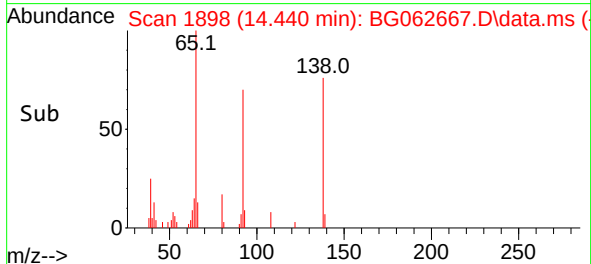
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2024



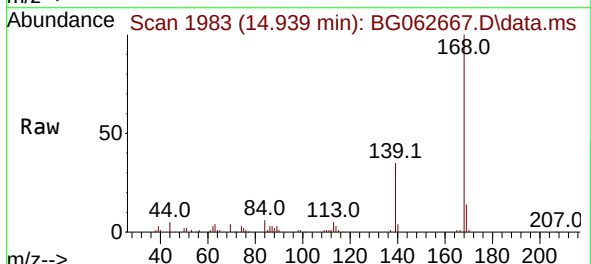
Tgt Ion:138 Resp: 9079
Ion Ratio Lower Upper
138 100
108 9.9 8.6 13.0
92 103.2 95.7 143.5

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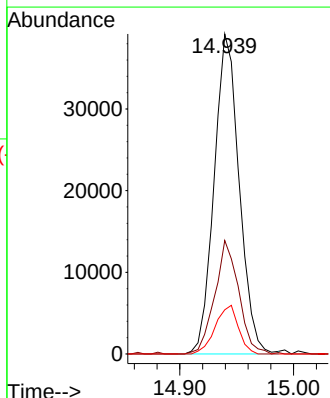
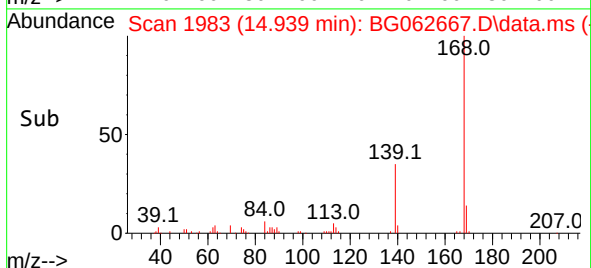
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

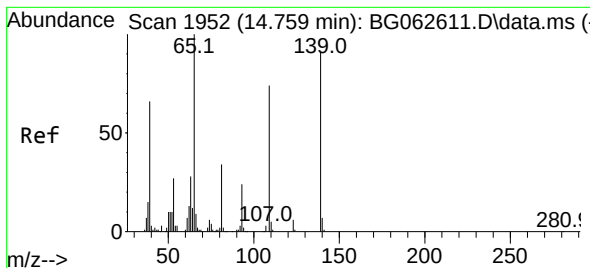


#55
Dibenzofuran
Concen: 4.000 ng
RT: 14.939 min Scan# 1983
Delta R.T. -0.008 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10



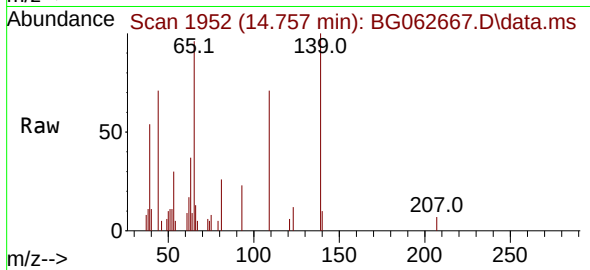
Tgt Ion:168 Resp: 59992
Ion Ratio Lower Upper
168 100
139 35.5 28.6 42.8
169 13.8 11.0 16.6





#56
4-Nitrophenol
Concen: 3.163 ng
RT: 14.757 min Scan# 1952
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

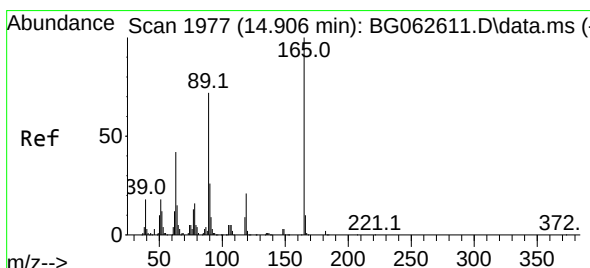
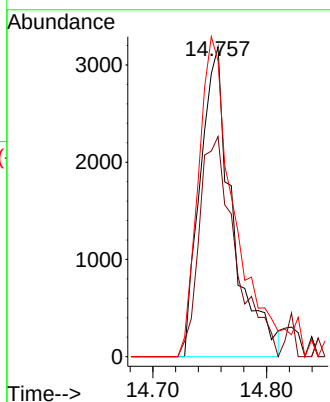
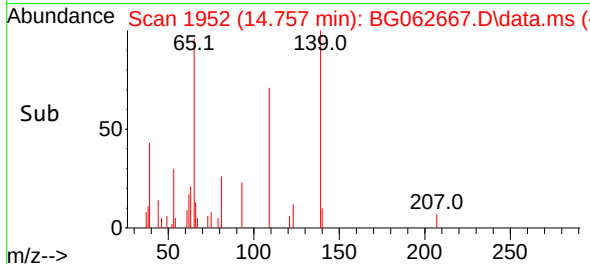
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2024



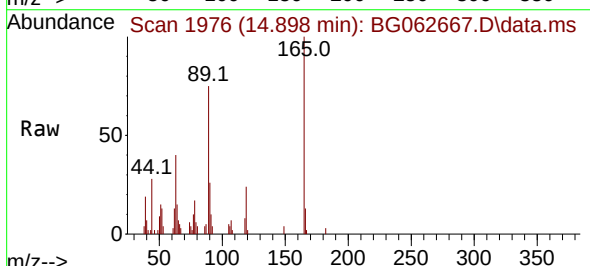
Tgt Ion:139 Resp: 6268
Ion Ratio Lower Upper
139 100
109 71.1 61.2 101.2
65 95.5 90.2 130.2

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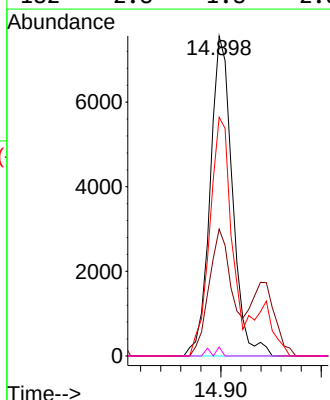
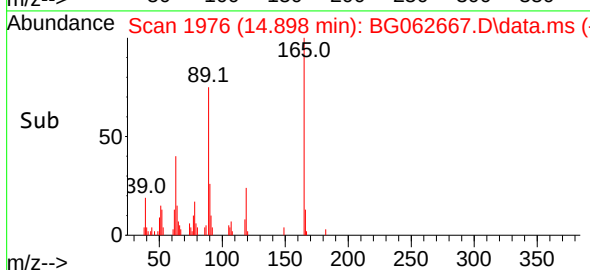
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

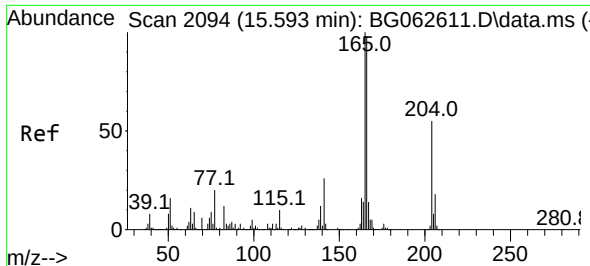


#57
2,4-Dinitrotoluene
Concen: 3.531 ng
RT: 14.898 min Scan# 1976
Delta R.T. -0.008 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10



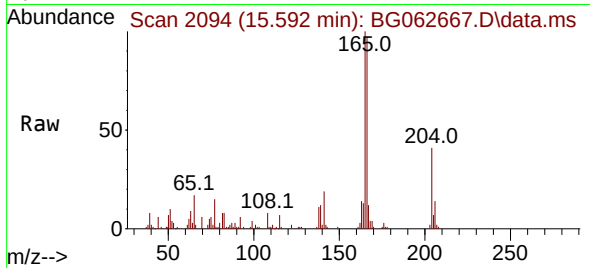
Tgt Ion:165 Resp: 11641
Ion Ratio Lower Upper
165 100
63 39.6 33.8 50.6
89 74.6 57.9 86.9
182 2.8 1.8 2.8#





#58
 Fluorene
 Concen: 4.036 ng
 RT: 15.592 min Scan# 2094
 Delta R.T. -0.002 min
 Lab File: BG062667.D
 Acq: 5 Sep 2024 15:10

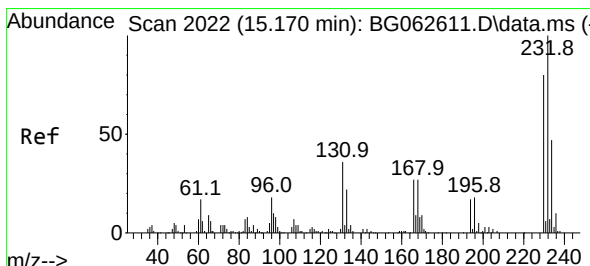
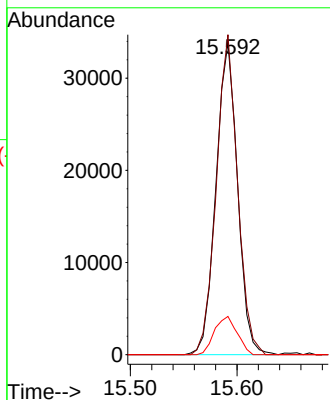
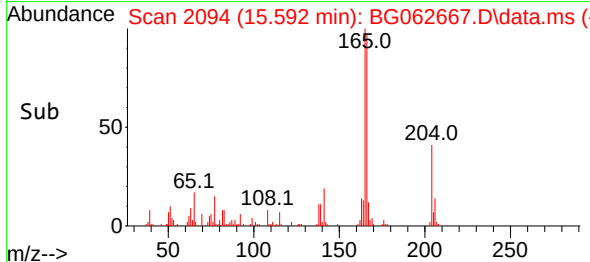
Instrument : BNA_G
 ClientSampleId : MDL-WATER-03-QT2-2024



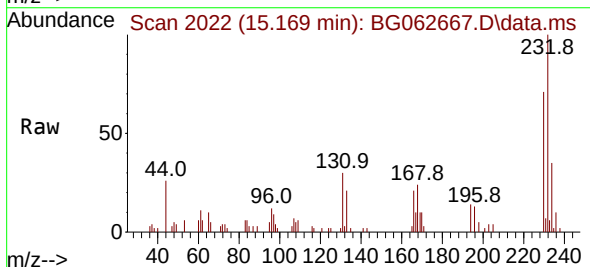
Tgt Ion:166 Resp: 47512
 Ion Ratio Lower Upper
 166 100
 165 102.6 82.0 123.0
 167 12.3 11.3 16.9

Manual Integrations
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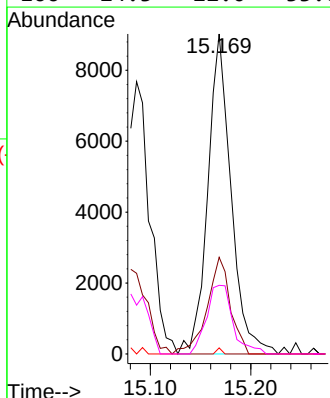
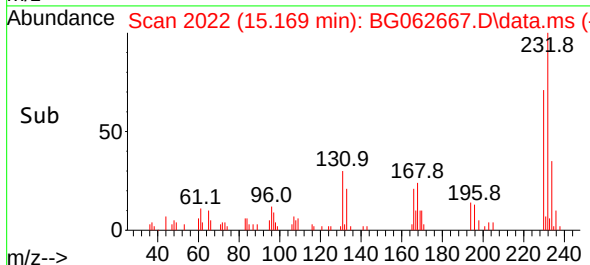
Reviewed By :Jagrut Upadhyay 09/06/2024
 Supervised By :mohammad ahmed 09/07/2024

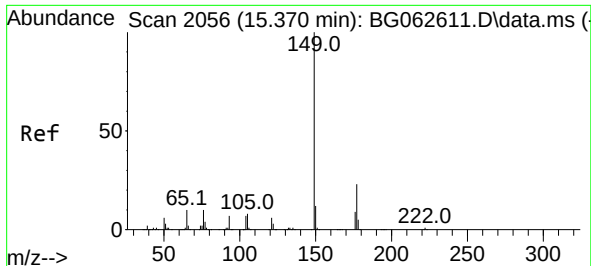


#59
 2,3,4,6-Tetrachlorophenol
 Concen: 4.066 ng
 RT: 15.169 min Scan# 2022
 Delta R.T. -0.002 min
 Lab File: BG062667.D
 Acq: 5 Sep 2024 15:10



Tgt Ion:232 Resp: 14531
 Ion Ratio Lower Upper
 232 100
 131 30.2 28.3 42.5
 130 0.4 1.7 2.5#
 166 24.3 22.0 33.0





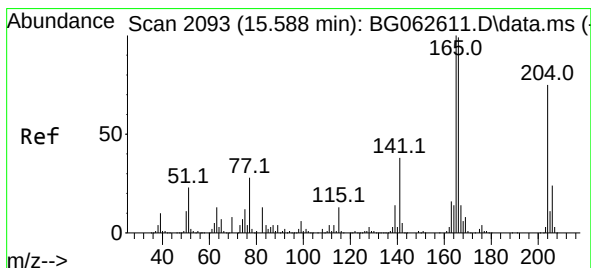
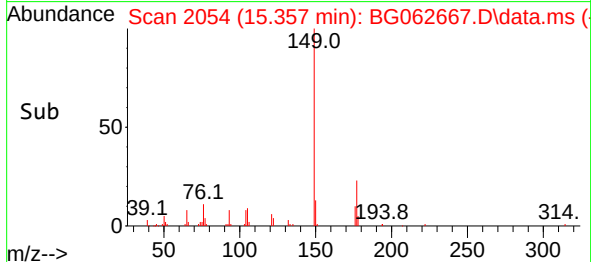
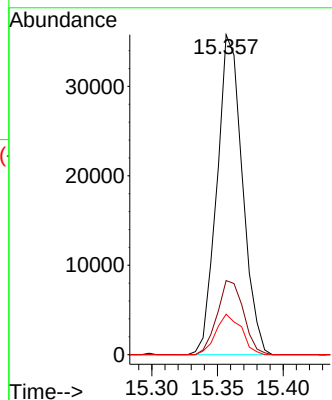
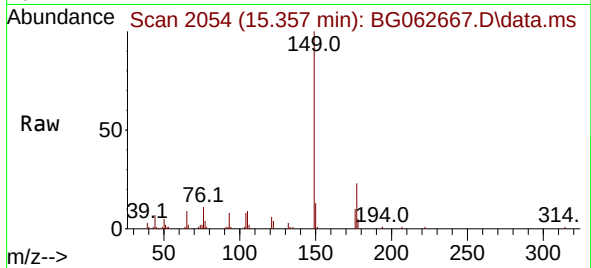
#60
Diethylphthalate
Concen: 3.812 ng
RT: 15.357 min Scan# 2054
Delta R.T. -0.014 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion:149 Resp: 48270
Ion Ratio Lower Upper
149 100
177 23.2 18.0 27.0
150 12.7 9.8 14.8

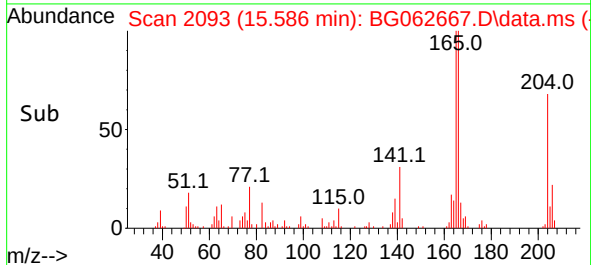
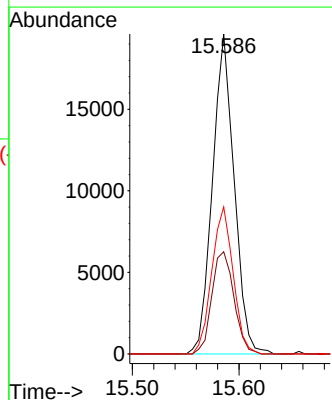
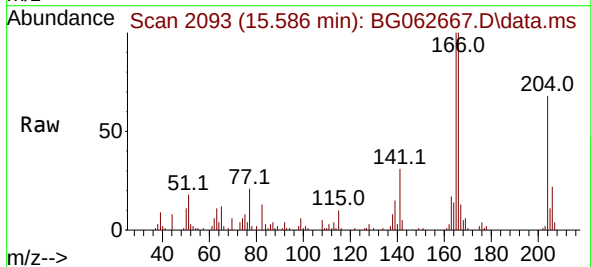
Manual Integrations
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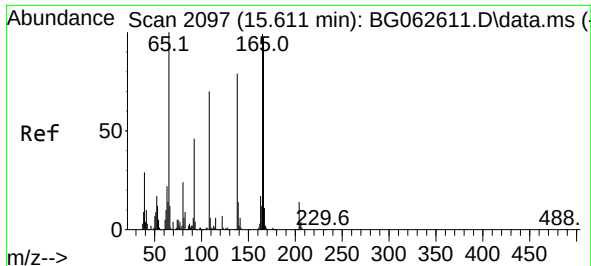
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#61
4-Chlorophenyl-phenylether
Concen: 4.101 ng
RT: 15.586 min Scan# 2093
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

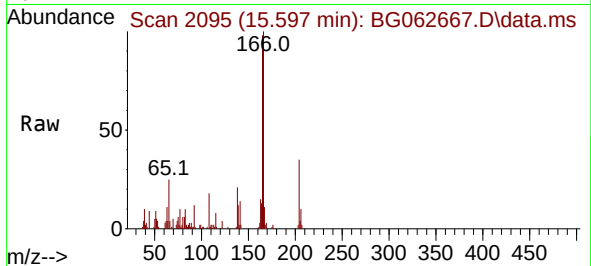
Tgt Ion:204 Resp: 27709
Ion Ratio Lower Upper
204 100
206 31.9 25.9 38.9
141 46.0 41.0 61.6





#62
4-Nitroaniline
Concen: 3.709 ng
RT: 15.597 min Scan# 2095
Delta R.T. -0.014 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

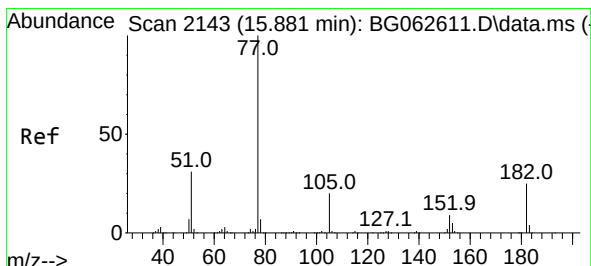
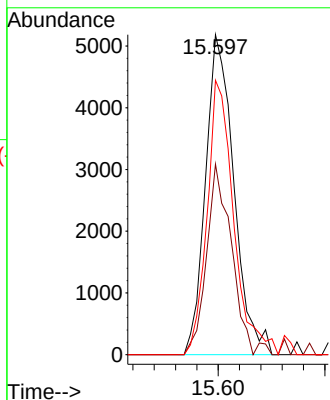
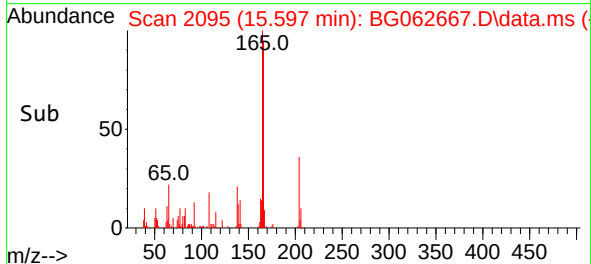
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:138 Resp: 956
Ion Ratio Lower Upper
138 100
92 59.6 38.4 78.4
108 85.7 69.0 109.0

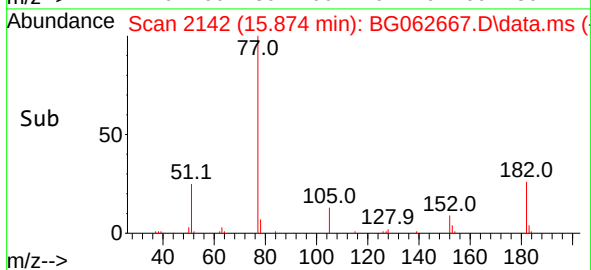
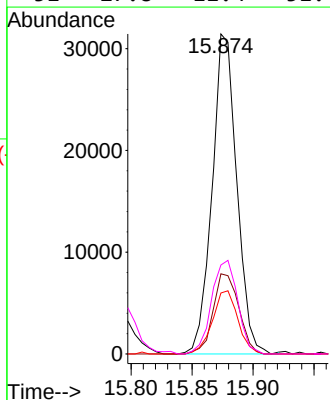
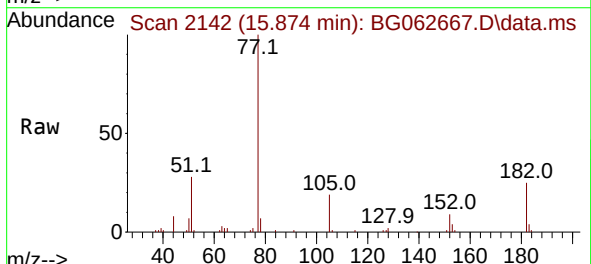
Manual Integrations
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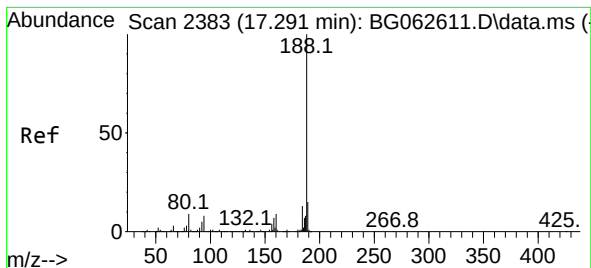
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#63
Azobenzene
Concen: 3.729 ng
RT: 15.874 min Scan# 2142
Delta R.T. -0.008 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

Tgt Ion: 77 Resp: 44336
Ion Ratio Lower Upper
77 100
182 25.1 5.0 45.0
105 19.0 0.5 40.5
51 27.8 11.4 51.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.284 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

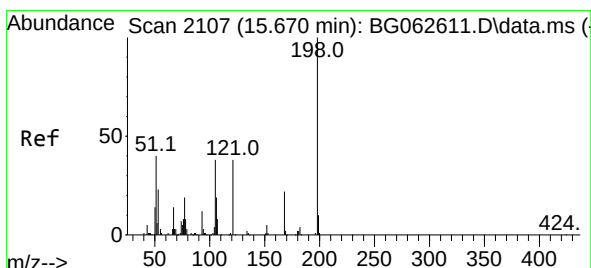
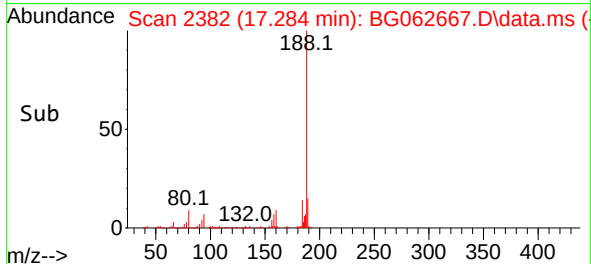
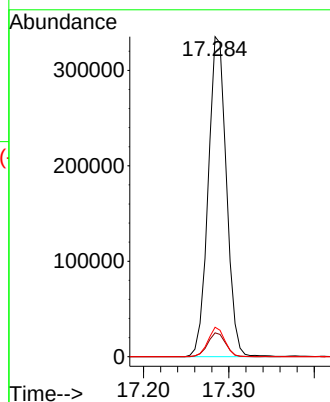
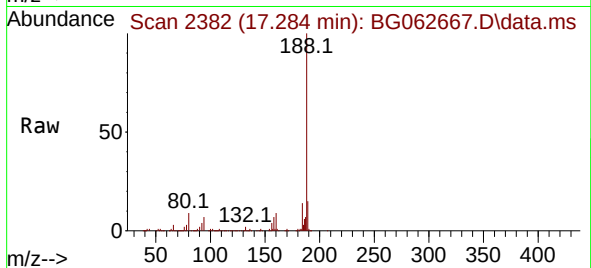
MDL-WATER-03-QT2-2024

Tgt Ion:188 Resp: 497380
 Ion Ratio Lower Upper
 188 100
 94 7.5 6.3 9.5
 80 9.2 7.0 10.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/06/2024
 Supervised By :mohammad ahmed 09/07/2024



#65

4,6-Dinitro-2-methylphenol

Concen: 2.671 ng

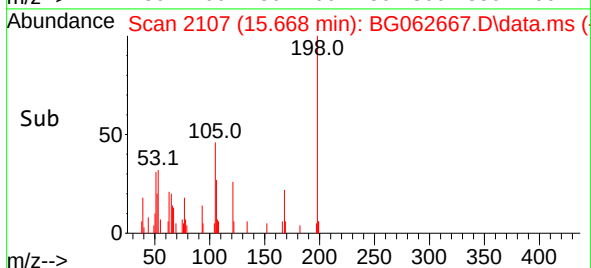
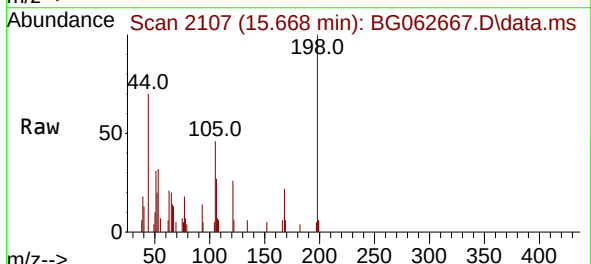
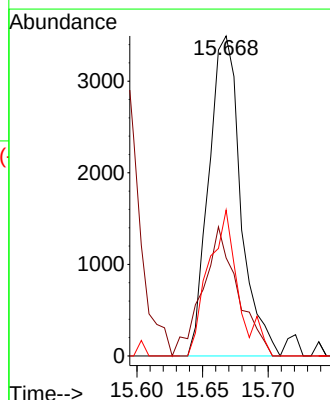
RT: 15.668 min Scan# 2107

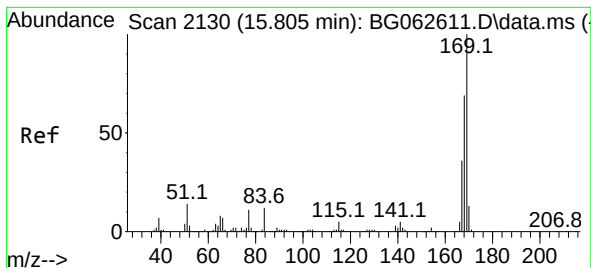
Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Tgt Ion:198 Resp: 5928
 Ion Ratio Lower Upper
 198 100
 51 30.7 25.1 65.1
 105 45.6 18.3 58.3





#66

n-Nitrosodiphenylamine

Concen: 3.406 ng

RT: 15.797 min Scan# 2130

Delta R.T. -0.008 min

Lab File: BG062667.D

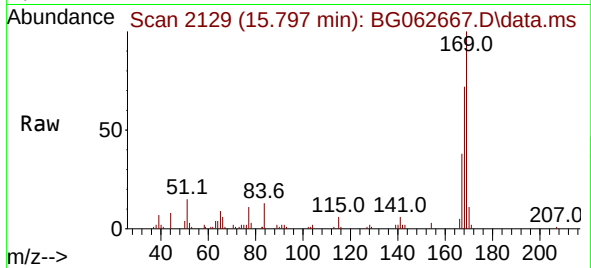
Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024



Tgt Ion:169 Resp: 4072

Ion Ratio Lower Upper

169 100

168 72.1 55.4 83.2

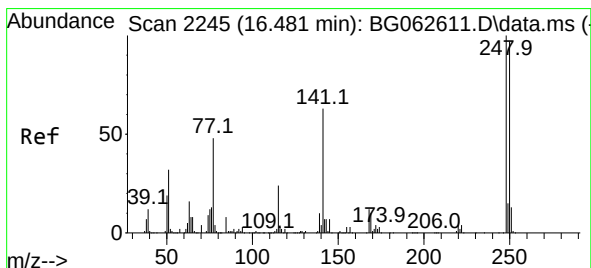
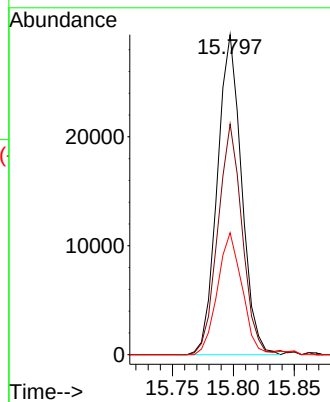
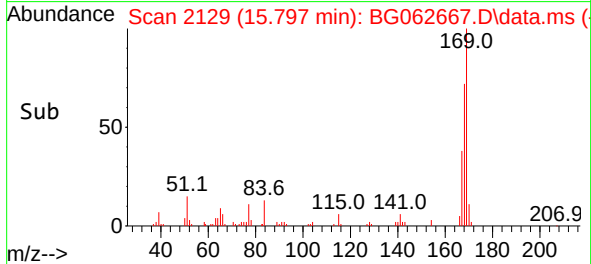
167 38.1 29.0 43.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/06/2024

Supervised By :mohammad ahmed 09/07/2024



#67

4-Bromophenyl-phenylether

Concen: 3.619 ng

RT: 16.479 min Scan# 2245

Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

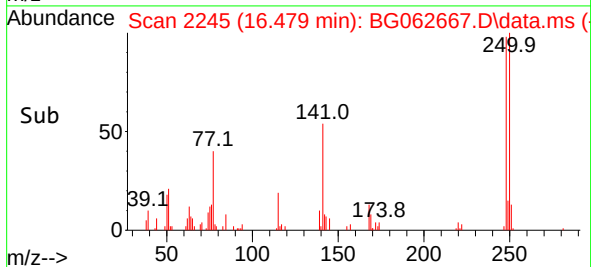
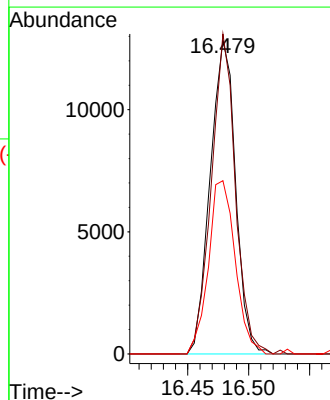
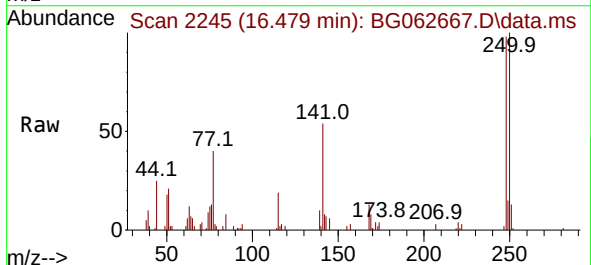
Tgt Ion:248 Resp: 18578

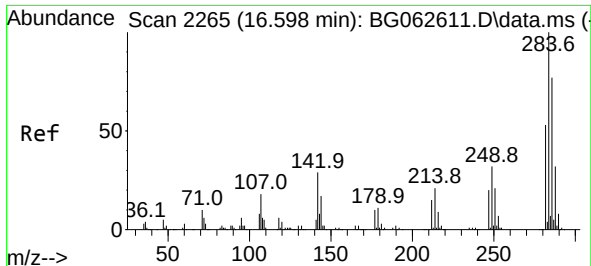
Ion Ratio Lower Upper

248 100

250 102.1 77.9 116.9

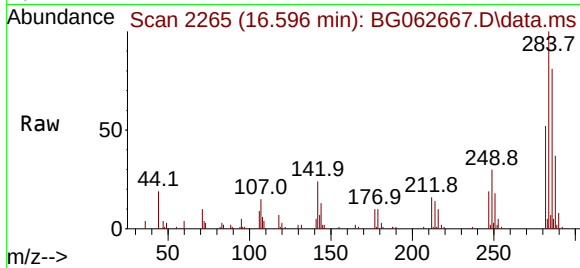
141 55.3 50.2 75.2





#68
Hexachlorobenzene
Concen: 3.908 ng
RT: 16.596 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

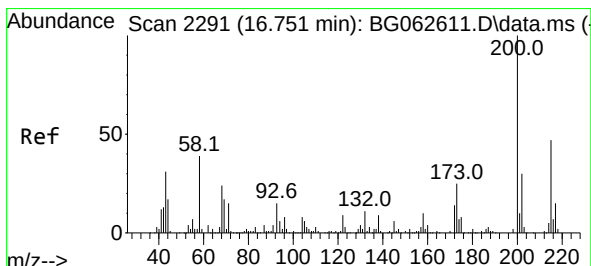
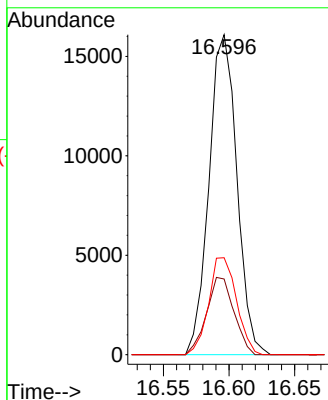
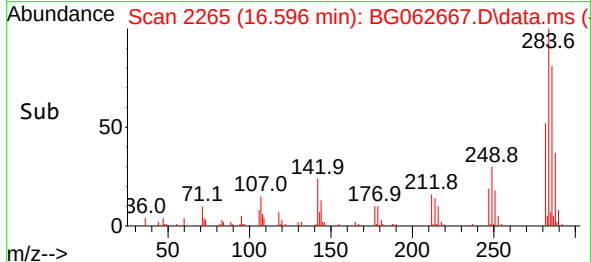
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2024



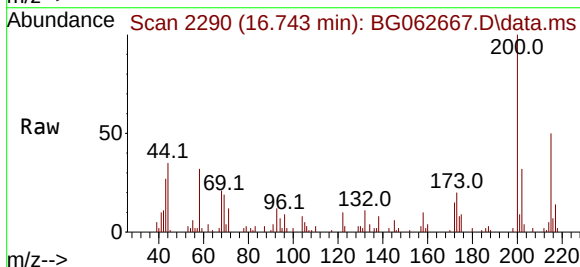
Tgt Ion:284 Resp: 23750
Ion Ratio Lower Upper
284 100
142 23.7 23.5 35.3
249 30.3 25.4 38.0

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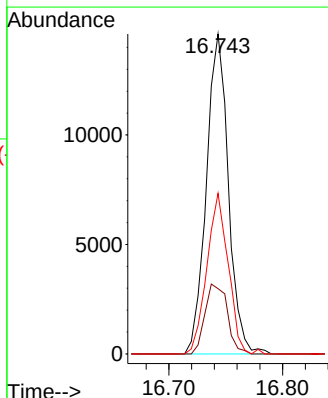
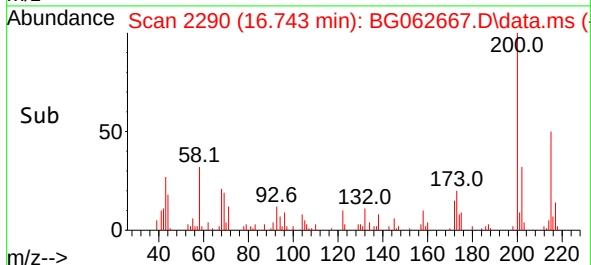
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

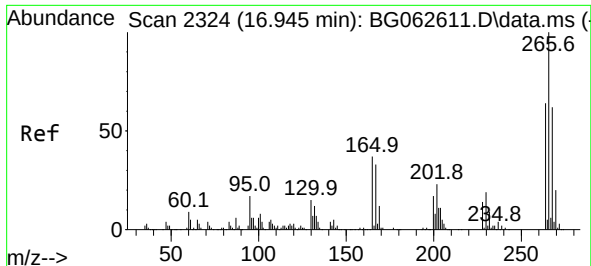


#69
Atrazine
Concen: 4.843 ng
RT: 16.743 min Scan# 2290
Delta R.T. -0.008 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10



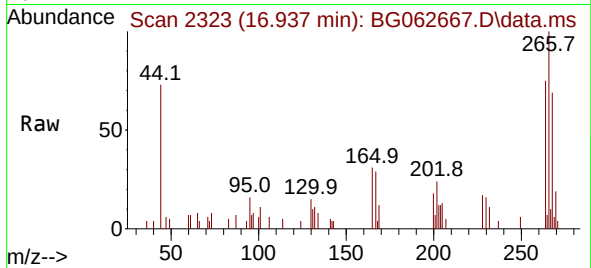
Tgt Ion:200 Resp: 19669
Ion Ratio Lower Upper
200 100
173 20.4 5.2 45.2
215 50.2 27.3 67.3





#70
 Pentachlorophenol
 Concen: 2.194 ng m
 RT: 16.937 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG062667.D
 Acq: 5 Sep 2024 15:10

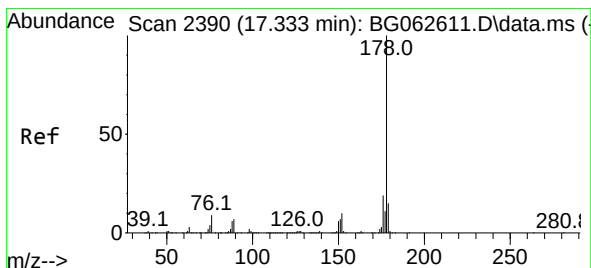
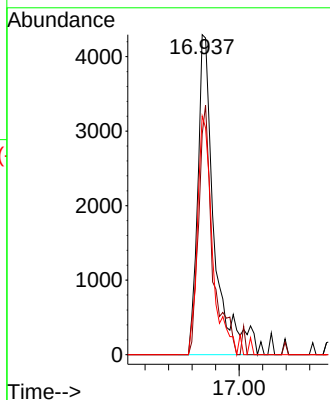
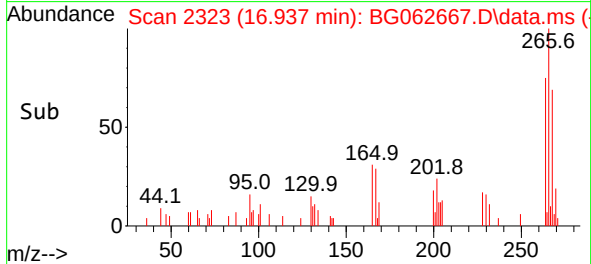
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT2-2024



Tgt Ion:266 Resp: 854
 Ion Ratio Lower Upper
 266 100
 268 68.9 52.6 79.0
 264 74.6 51.6 77.4

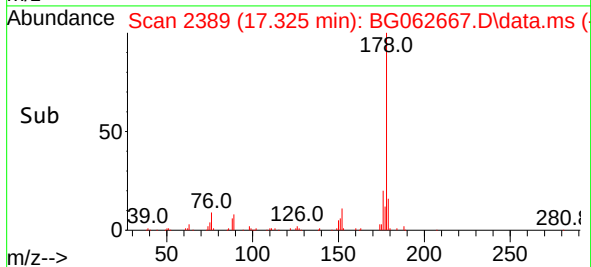
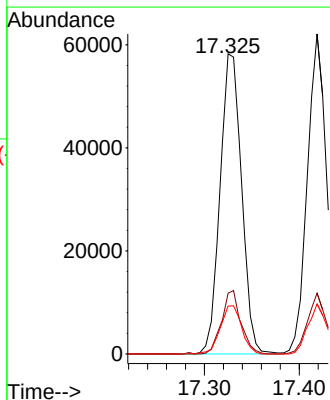
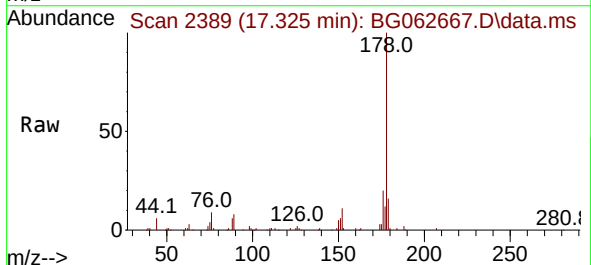
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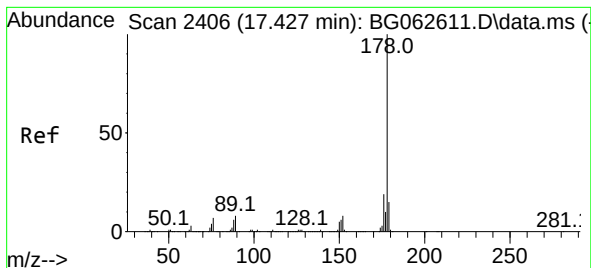
Reviewed By :Jagrut Upadhyay 09/06/2024
 Supervised By :mohammad ahmed 09/07/2024



#71
 Phenanthrene
 Concen: 3.973 ng
 RT: 17.325 min Scan# 2389
 Delta R.T. -0.008 min
 Lab File: BG062667.D
 Acq: 5 Sep 2024 15:10

Tgt Ion:178 Resp: 92237
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.4 23.0
 179 16.0 12.2 18.4





#72

Anthracene

Concen: 3.923 ng

RT: 17.419 min Scan# 2405

Delta R.T. -0.008 min

Lab File: BG062667.D

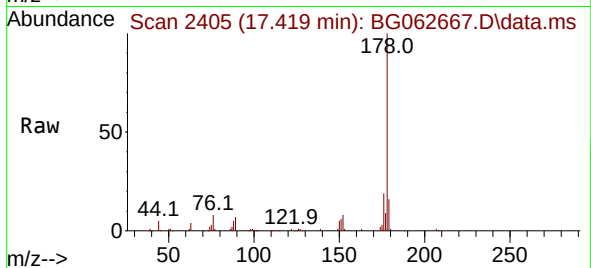
Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024

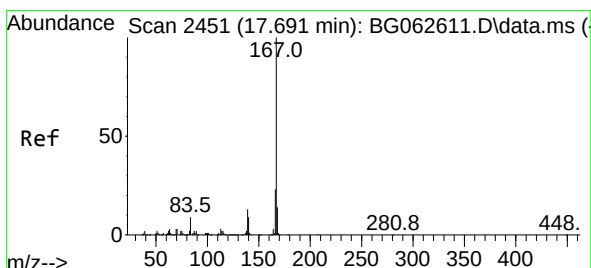
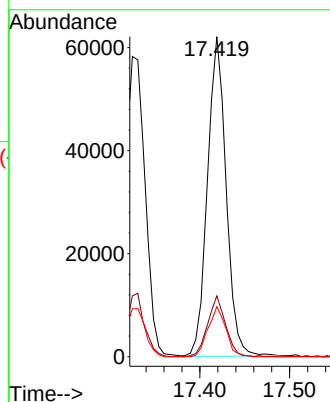
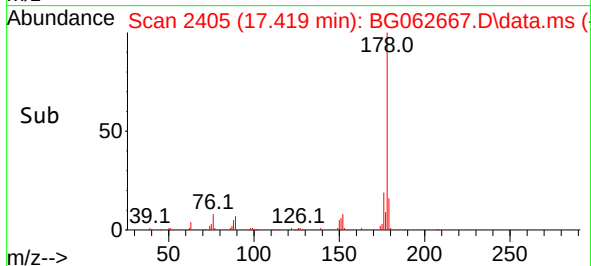


Tgt Ion:178	Resp:	89550
Ion Ratio	Lower	Upper
178	100	
176	19.0	15.2 22.8
179	15.7	12.0 18.0

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Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#73

Carbazole

Concen: 3.925 ng

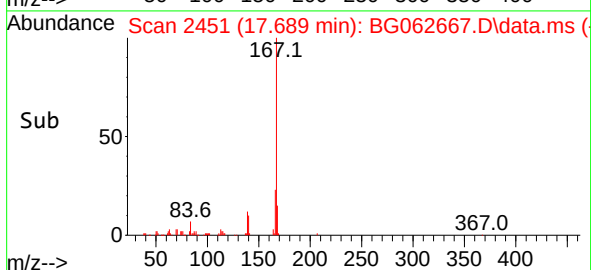
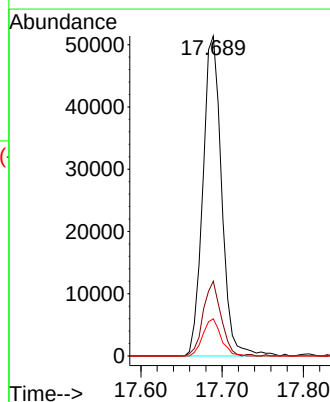
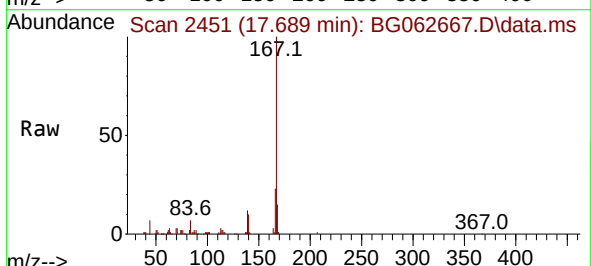
RT: 17.689 min Scan# 2451

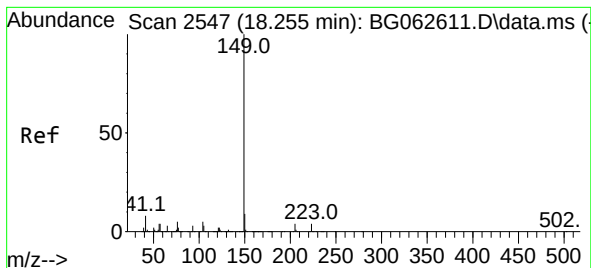
Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

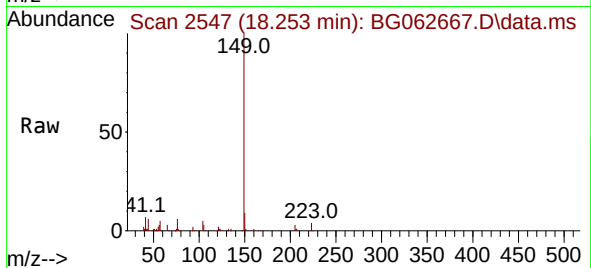
Tgt Ion:167	Resp:	82362
Ion Ratio	Lower	Upper
167	100	
166	23.4	18.2 27.2
139	11.6	10.1 15.1





#74
Di-n-butylphthalate
Concen: 3.722 ng
RT: 18.253 min Scan# 2547
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

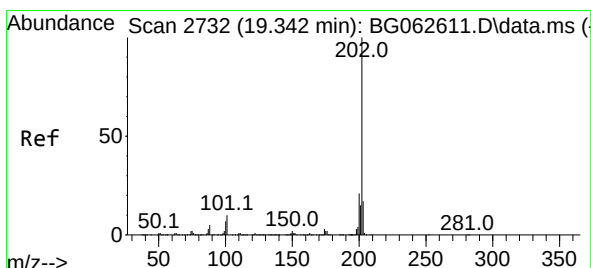
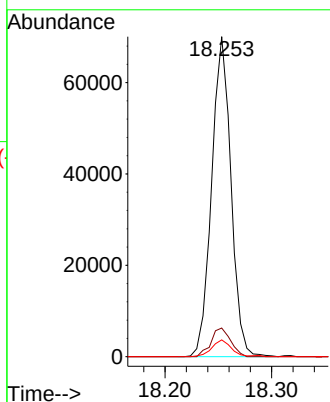
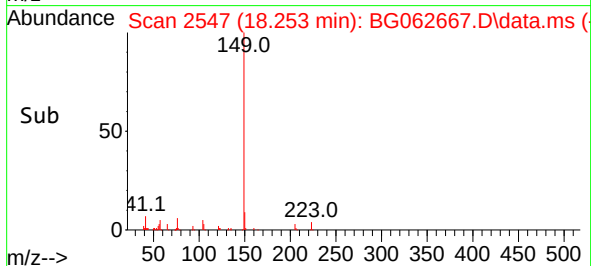
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:149 Resp: 88089
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 5.2 4.2 6.2

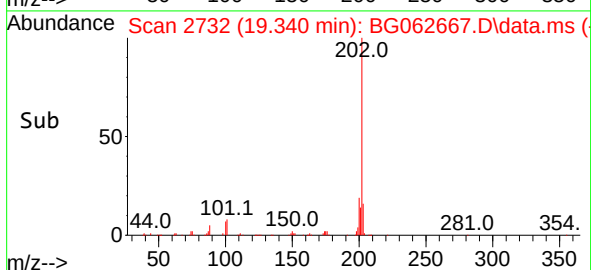
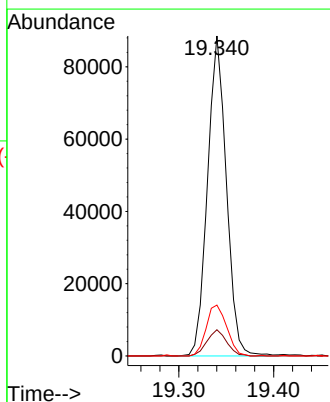
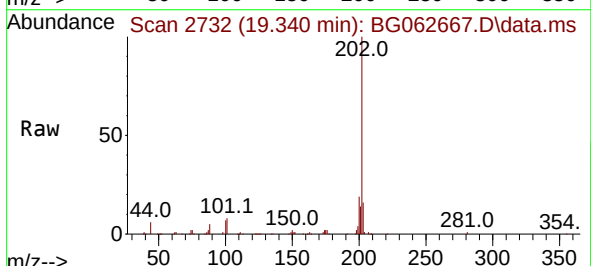
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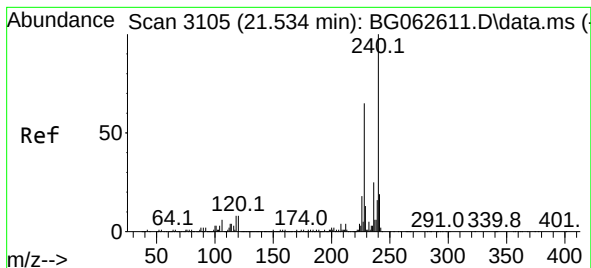
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#75
Fluoranthene
Concen: 4.169 ng
RT: 19.340 min Scan# 2732
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

Tgt Ion:202 Resp: 122398
Ion Ratio Lower Upper
202 100
101 8.2 0.0 29.6
203 15.9 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.532 min Scan# 3105

Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

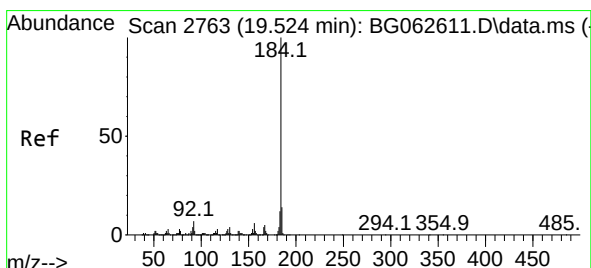
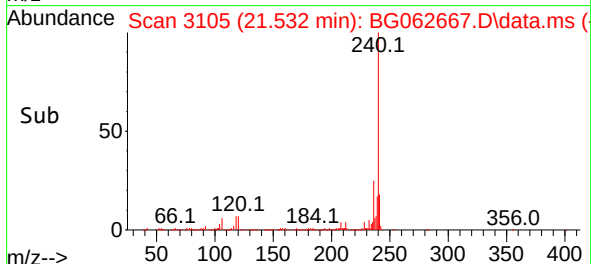
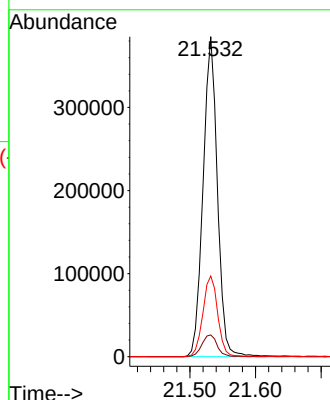
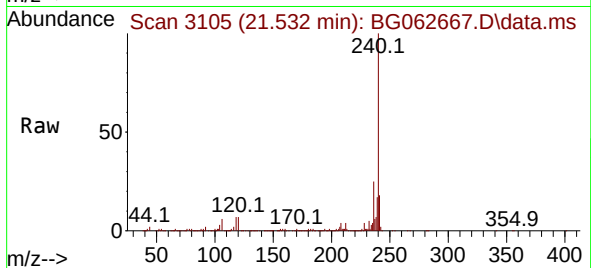
ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:240 Resp: 58585
 Ion Ratio Lower Upper
 240 100
 120 6.8 6.6 9.8
 236 25.2 20.2 30.4

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Reviewed By :Jagrut Upadhyay 09/06/2024
 Supervised By :mohammad ahmed 09/07/2024



#77

Benzidine

Concen: 4.537 ng

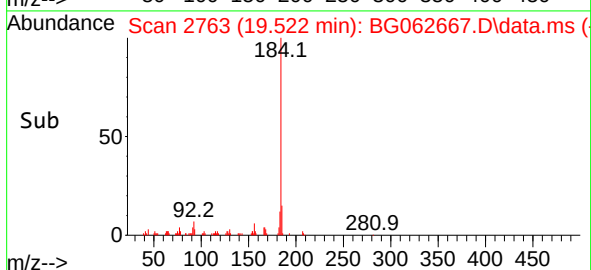
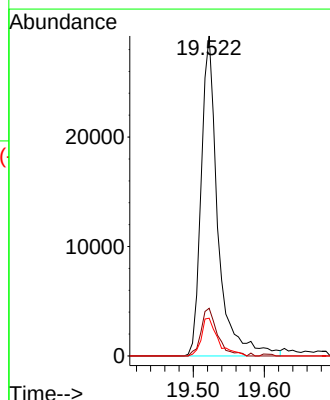
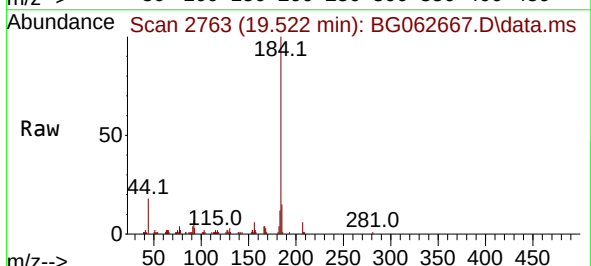
RT: 19.522 min Scan# 2763

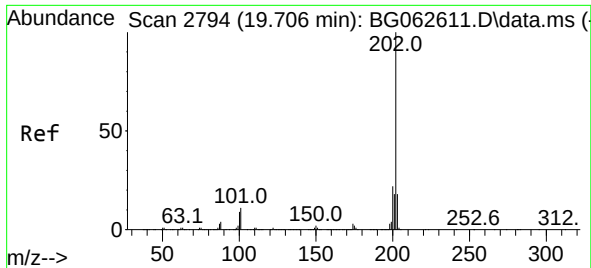
Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

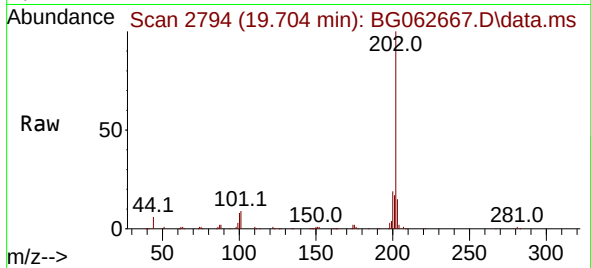
Tgt Ion:184 Resp: 47911
 Ion Ratio Lower Upper
 184 100
 185 14.9 11.0 16.6
 183 11.8 9.7 14.5





#78
Pyrene
Concen: 3.587 ng
RT: 19.704 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

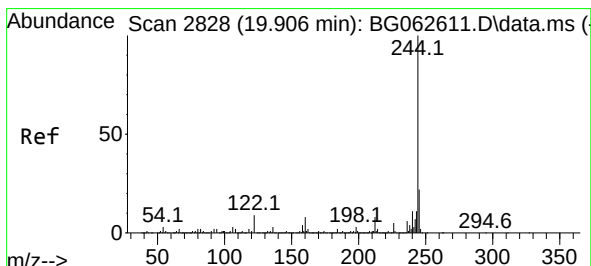
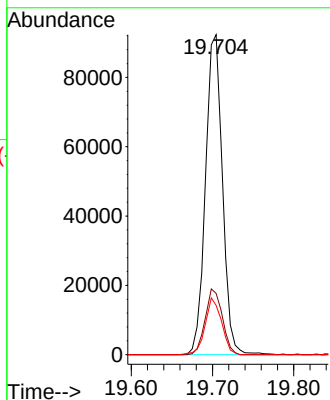
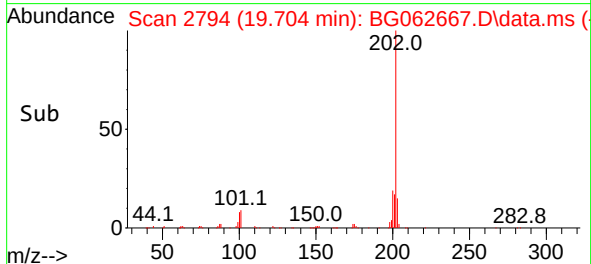
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:202 Resp: 133570
Ion Ratio Lower Upper
202 100
200 19.1 17.4 26.2
203 15.4 14.1 21.1

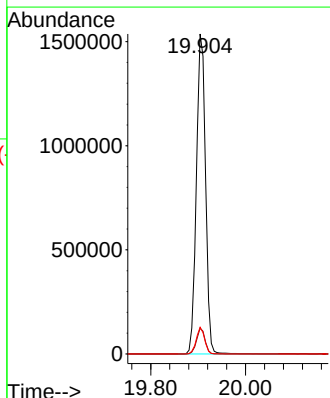
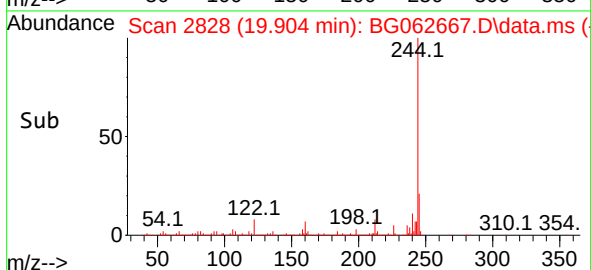
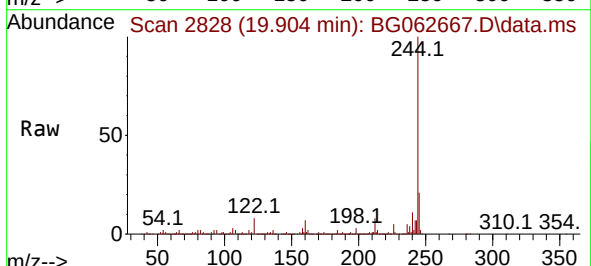
Manual Integrations
APPROVED

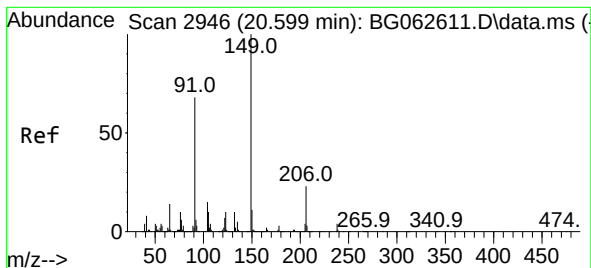
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#79
Terphenyl-d14
Concen: 69.678 ng
RT: 19.904 min Scan# 2828
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

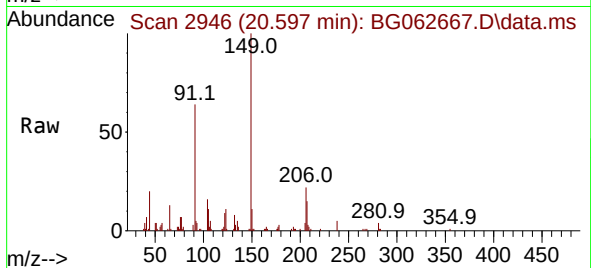
Tgt Ion:244 Resp: 2058710
Ion Ratio Lower Upper
244 100
212 8.1 6.6 10.0
122 8.4 7.2 10.8





#80
Butylbenzylphthalate
Concen: 3.167 ng
RT: 20.597 min Scan# 2946
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

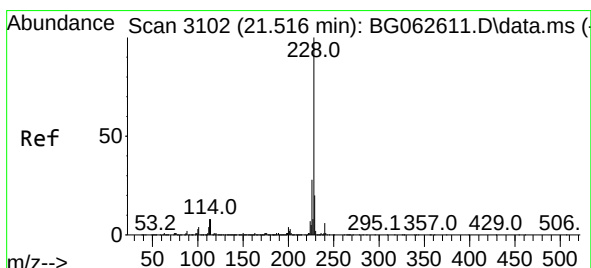
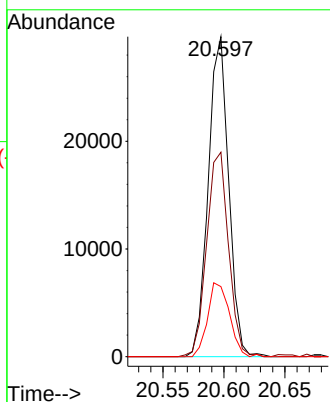
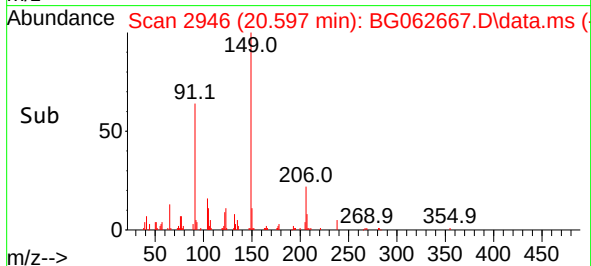
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion:149 Resp: 34640
Ion Ratio Lower Upper
149 100
91 63.9 54.6 81.8
206 21.9 18.4 27.6

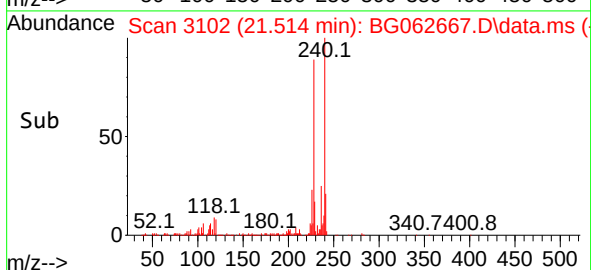
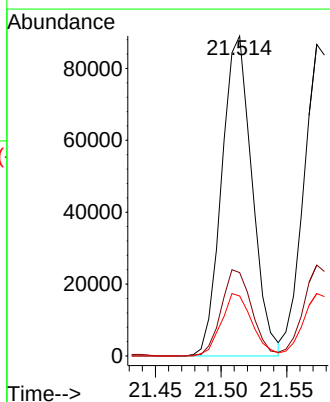
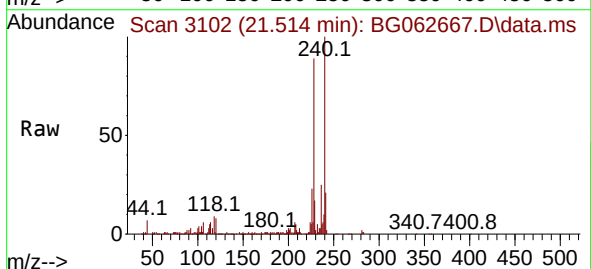
Manual Integrations
APPROVED

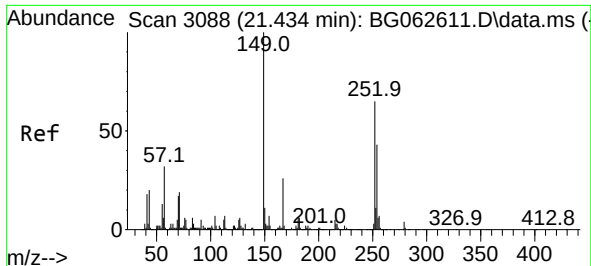
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#81
Benzo(a)anthracene
Concen: 3.880 ng
RT: 21.514 min Scan# 3102
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

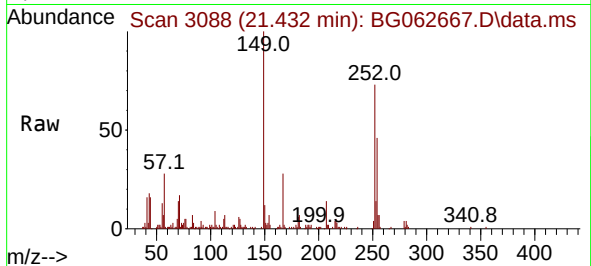
Tgt Ion:228 Resp: 143355
Ion Ratio Lower Upper
228 100
226 26.0 22.3 33.5
229 18.8 16.2 24.2





#82
3,3'-Dichlorobenzidine
Concen: 3.855 ng
RT: 21.432 min Scan# 3088
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

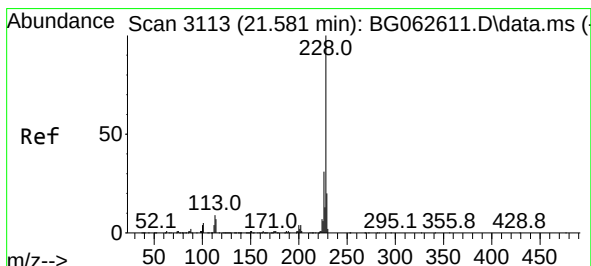
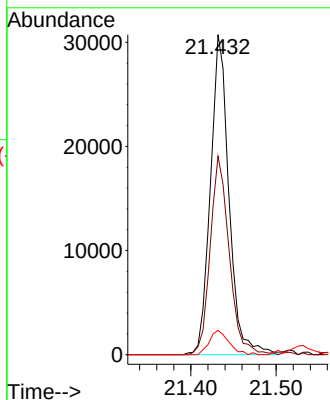
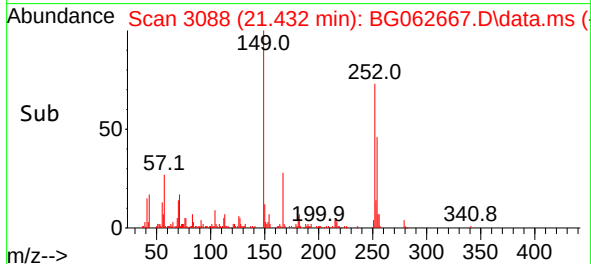
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2024



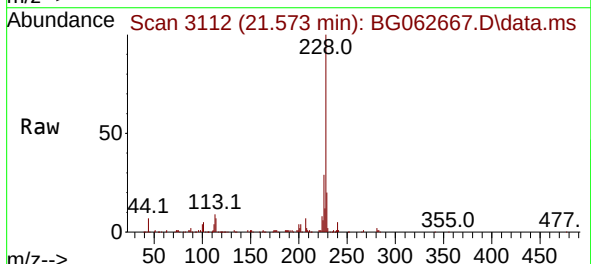
Tgt Ion:252 Resp: 4640
Ion Ratio Lower Upper
252 100
254 62.0 52.2 78.2
126 7.6 6.7 10.1

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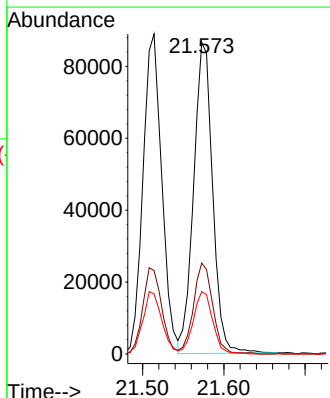
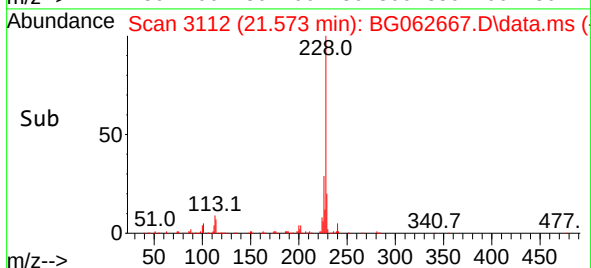
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

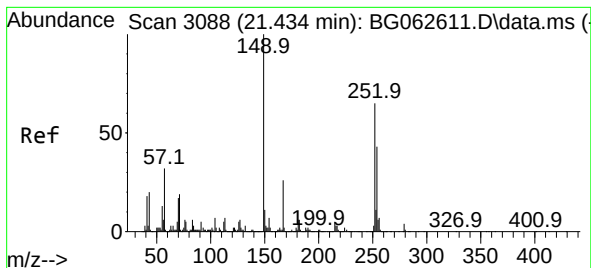


#83
Chrysene
Concen: 3.983 ng
RT: 21.573 min Scan# 3112
Delta R.T. -0.008 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10



Tgt Ion:228 Resp: 140970
Ion Ratio Lower Upper
228 100
226 29.2 24.9 37.3
229 20.0 16.0 24.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.223 ng

RT: 21.432 min Scan# 3088

Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

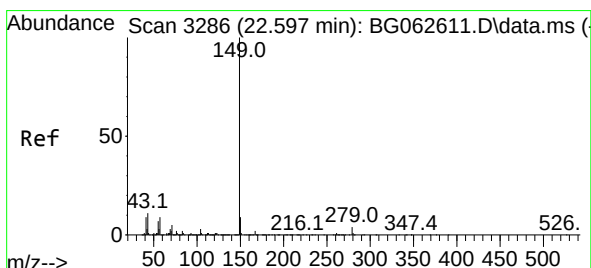
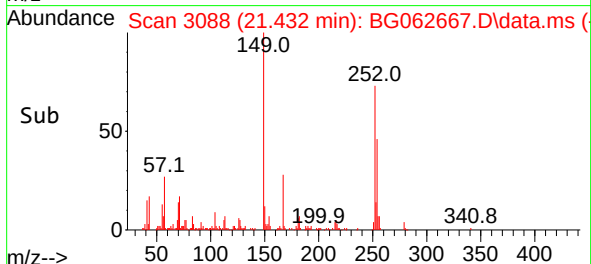
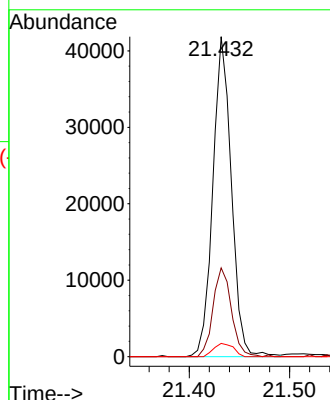
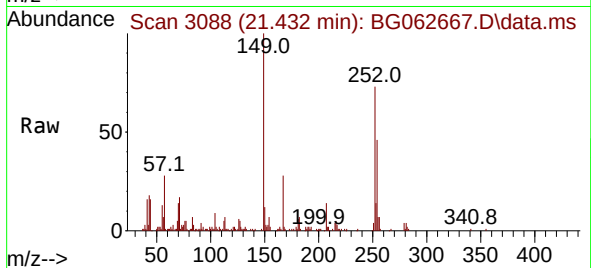
MDL-WATER-03-QT2-2024

Tgt Ion:	149	Resp:	5355
Ion Ratio	Lower	Upper	
149	100		
167	27.7	20.5	30.7
279	4.2	3.1	4.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#85

Di-n-octyl phthalate

Concen: 3.028 ng

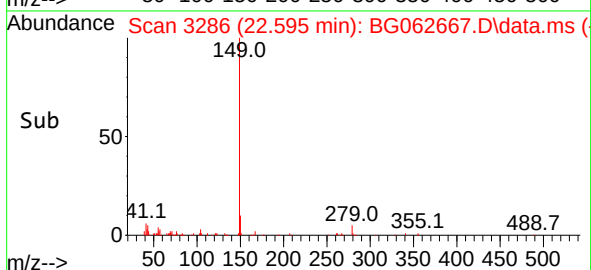
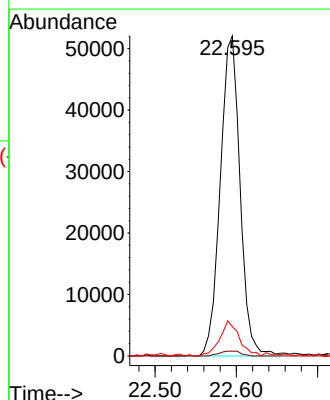
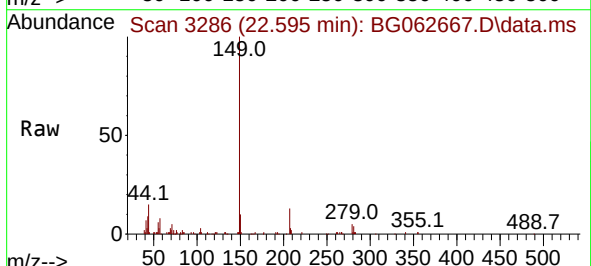
RT: 22.595 min Scan# 3286

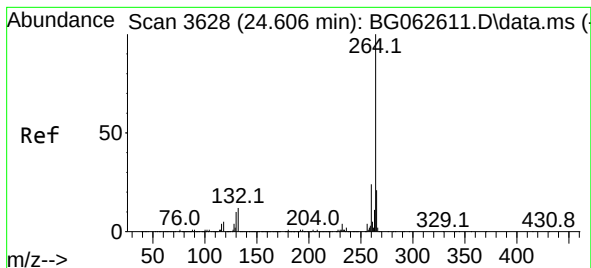
Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Tgt Ion:	149	Resp:	88111
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.4	2.0
43	10.7	8.8	13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.599 min Scan# 3

Delta R.T. -0.008 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

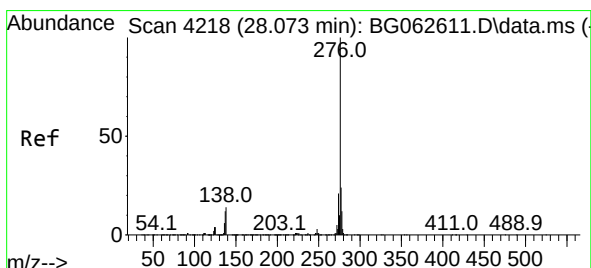
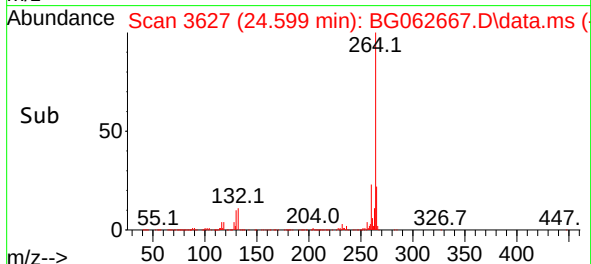
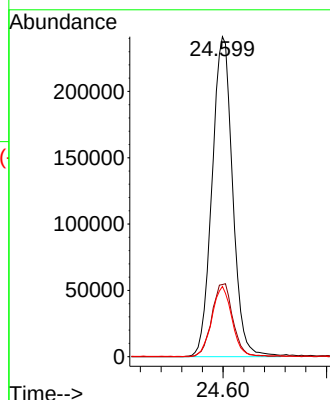
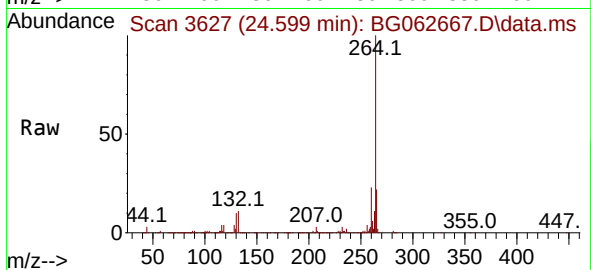
MDL-WATER-03-QT2-2024

Tgt Ion:264 Resp: 664590
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.0 28.4
 265 21.9 17.3 25.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/06/2024
 Supervised By :mohammad ahmed 09/07/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.780 ng

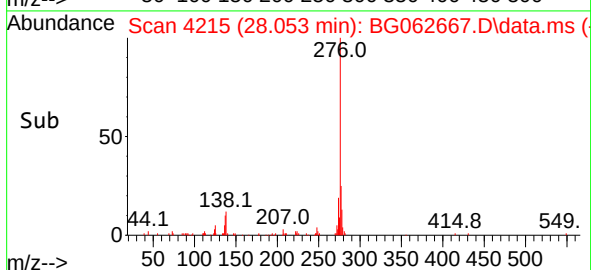
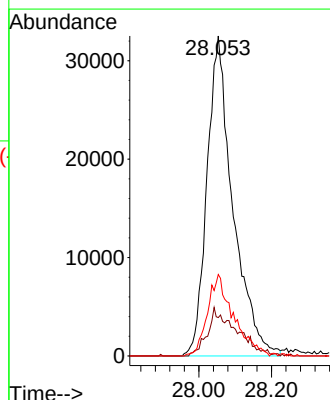
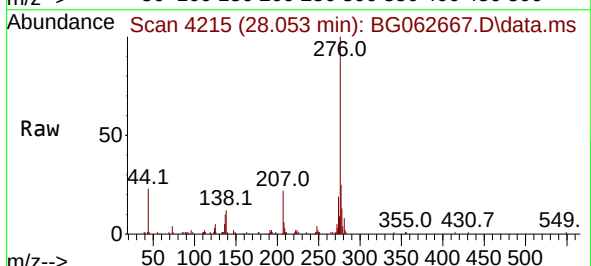
RT: 28.053 min Scan# 4215

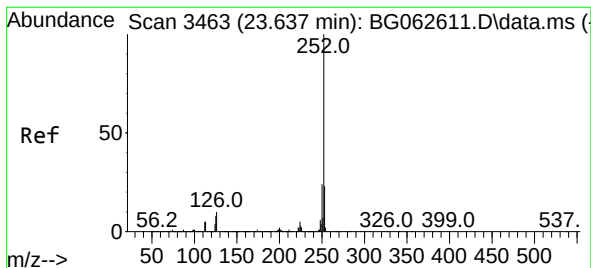
Delta R.T. -0.019 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Tgt Ion:276 Resp: 161082
 Ion Ratio Lower Upper
 276 100
 138 16.7 14.9 22.3
 277 25.6 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 3.604 ng

RT: 23.629 min Scan# 3462

Delta R.T. -0.008 min

Lab File: BG062667.D

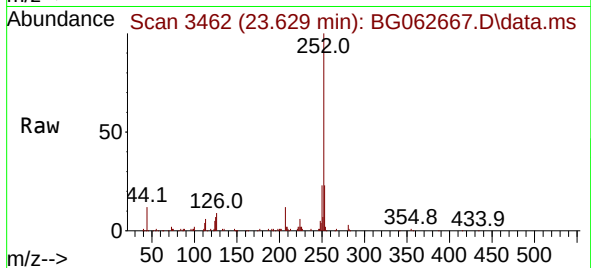
Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024



Tgt Ion:252 Resp: 13230

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

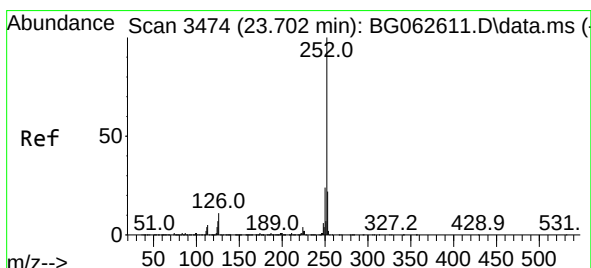
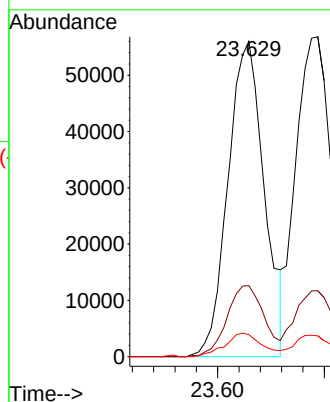
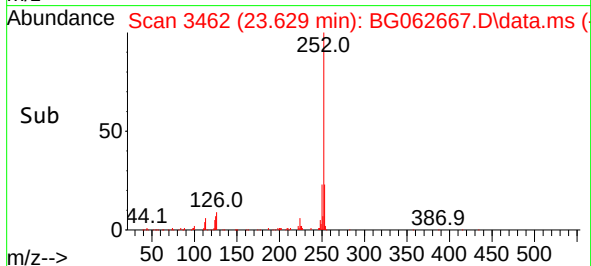
125 7.0 6.2 9.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/06/2024

Supervised By :mohammad ahmed 09/07/2024



#89

Benzo(k)fluoranthene

Concen: 3.857 ng

RT: 23.694 min Scan# 3473

Delta R.T. -0.008 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

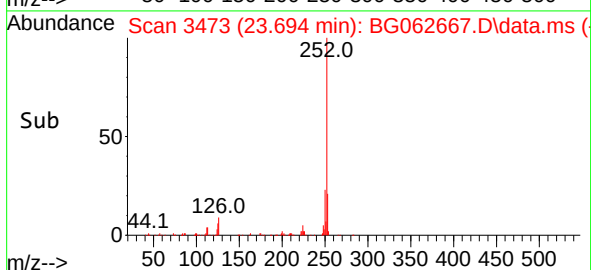
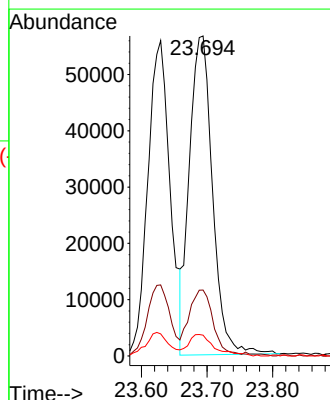
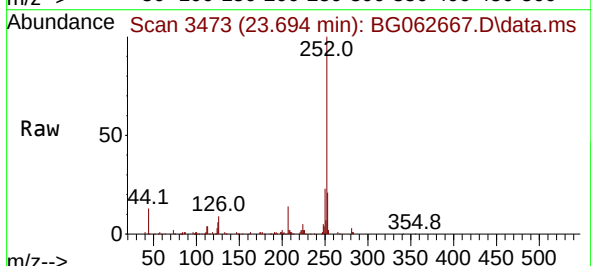
Tgt Ion:252 Resp: 138489

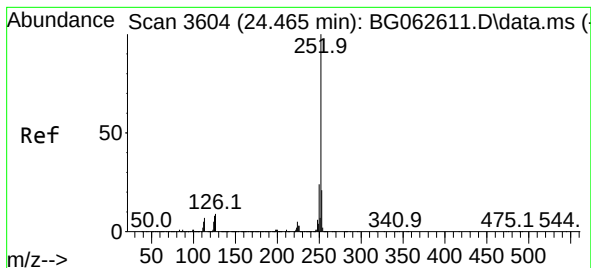
Ion Ratio Lower Upper

252 100

253 20.6 17.8 26.8

125 6.5 6.1 9.1





#90

Benzo(a)pyrene

Concen: 3.764 ng

RT: 24.446 min Scan# 30

Delta R.T. -0.020 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

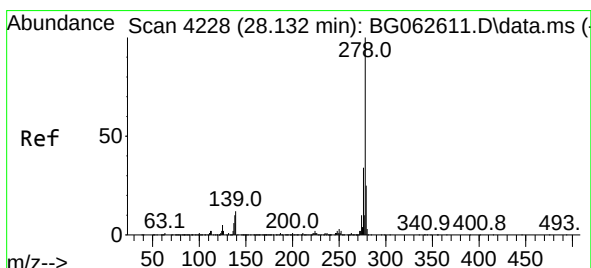
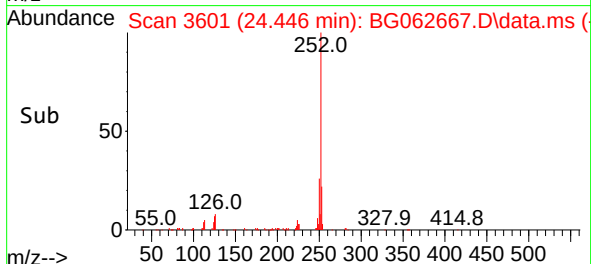
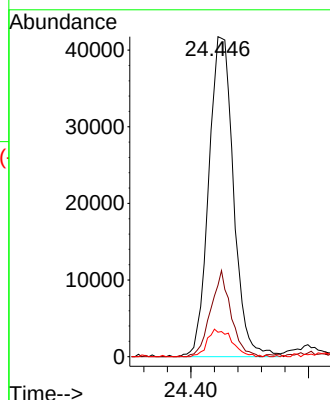
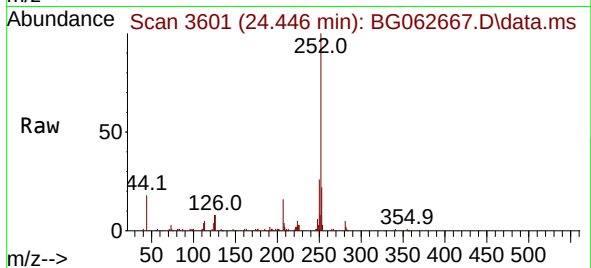
ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:252 Resp: 12205
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.1 25.7
 125 7.7 6.6 10.0

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Reviewed By :Jagrut Upadhyay 09/06/2024
 Supervised By :mohammad ahmed 09/07/2024



#91

Dibenzo(a,h)anthracene

Concen: 3.735 ng

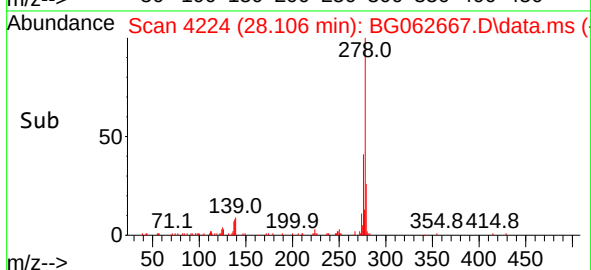
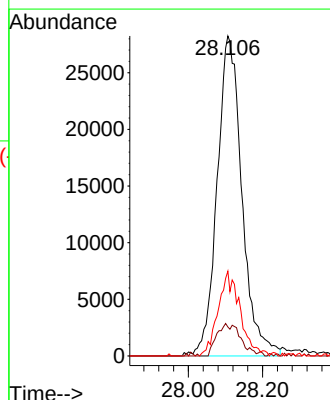
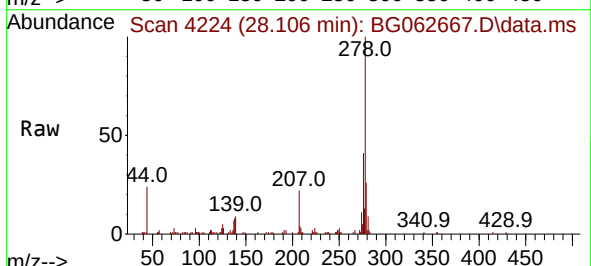
RT: 28.106 min Scan# 4224

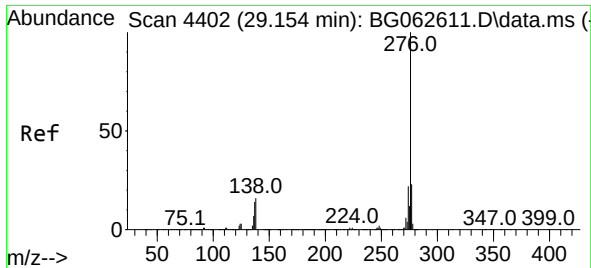
Delta R.T. -0.025 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

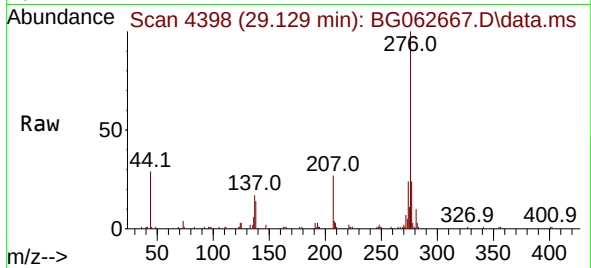
Tgt Ion:278 Resp: 131114
 Ion Ratio Lower Upper
 278 100
 139 9.0 9.2 13.8#
 279 26.5 19.7 29.5





#92
 Benzo(g,h,i)perylene
 Concen: 3.562 ng
 RT: 29.129 min Scan# 41
 Delta R.T. -0.025 min
 Lab File: BG062667.D
 Acq: 5 Sep 2024 15:10

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT2-2024



Tgt Ion:276 Resp: 12608
 Ion Ratio Lower Upper
 276 100
 277 24.0 18.8 28.2
 138 13.6 12.7 19.1

Manual Integrations
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Reviewed By :Jagrut Upadhyay 09/06/2024
 Supervised By :mohammad ahmed 09/07/2024

