

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
 Data File : BG060016.D
 Acq On : 14 Dec 2023 17:42
 Operator : MA/JU
 Sample : 05718-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-LIQUID-20231206

Quant Time: Dec 15 02:35:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

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

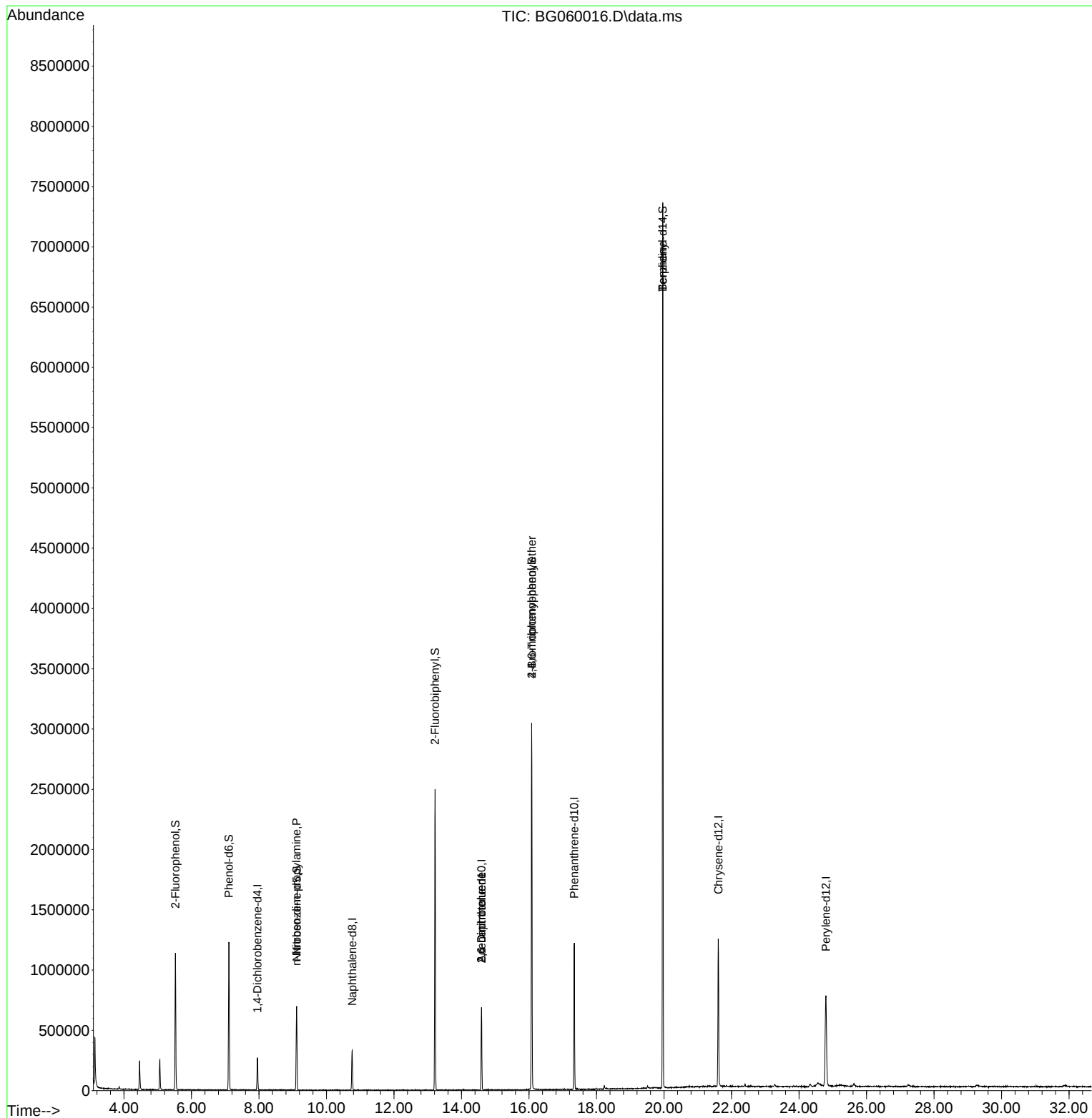
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	73536	20.000	ng	0.00
21) Naphthalene-d8	10.760	136	253627	20.000	ng	# 0.00
39) Acenaphthene-d10	14.591	164	237388	20.000	ng	0.00
64) Phenanthrene-d10	17.341	188	829548	20.000	ng	0.00
76) Chrysene-d12	21.606	240	812970	20.000	ng	0.00
86) Perylene-d12	24.797	264	959192	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	436697	101.659	ng	0.00
7) Phenol-d6	7.106	99	638328	105.638	ng	0.00
23) Nitrobenzene-d5	9.115	82	415417	74.374	ng	0.00
42) 2,4,6-Tribromophenol	16.078	330	738088	133.416	ng	0.00
45) 2-Fluorobiphenyl	13.216	172	1339332	69.052	ng	0.00
79) Terphenyl-d14	19.961	244	3873528	86.989	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.109	70	56973	14.614	ng	# 76
51) 2,6-Dinitrotoluene	14.591	165	32877	8.613	ng	# 25
57) 2,4-Dinitrotoluene	14.591	165	32877	6.127	ng	# 29
67) 4-Bromophenyl-phenylether	16.078	248	43137	3.686	ng	# 1
69) Atrazine	16.789	200	255	Below Cal		# 34
77) Benzidine	19.961	184	61514	5.891	ng	# 95

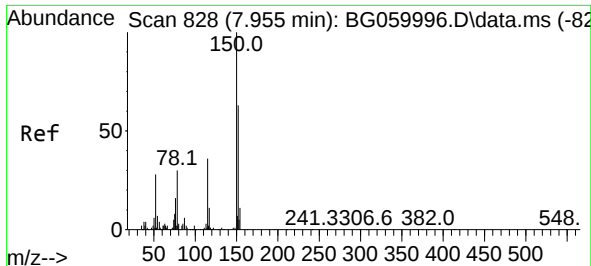
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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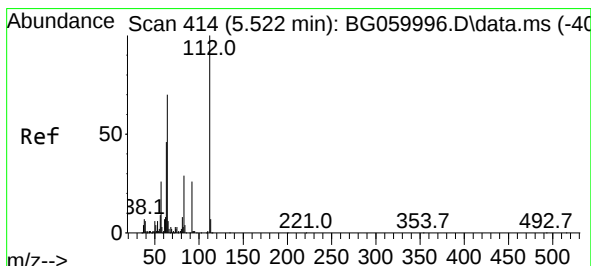
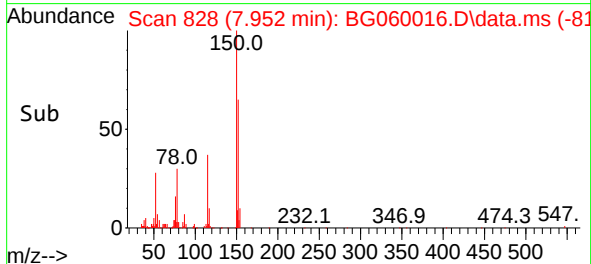
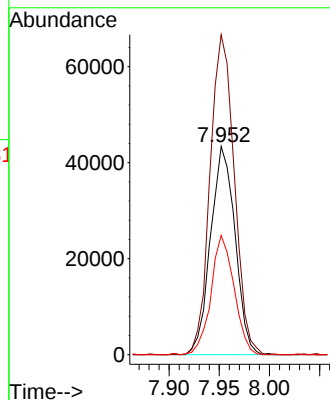
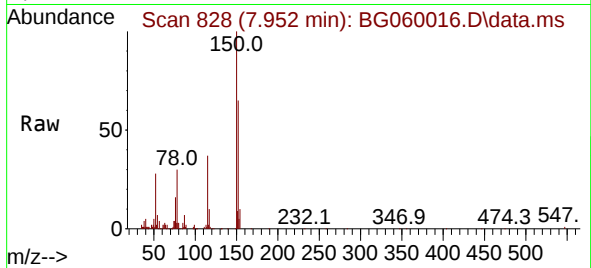




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.952 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060016.D
Acq: 14 Dec 2023 17:42

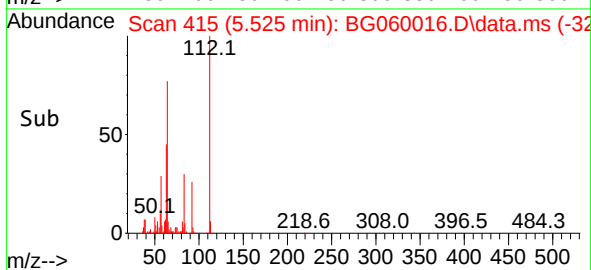
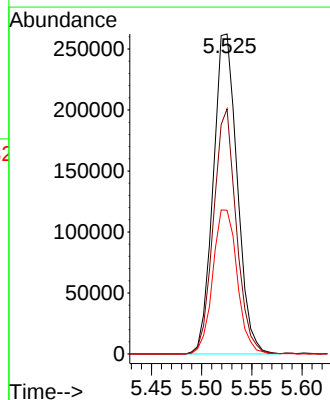
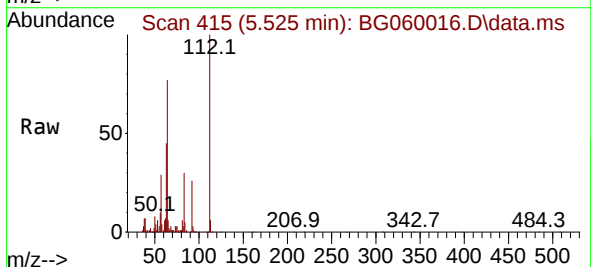
Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206

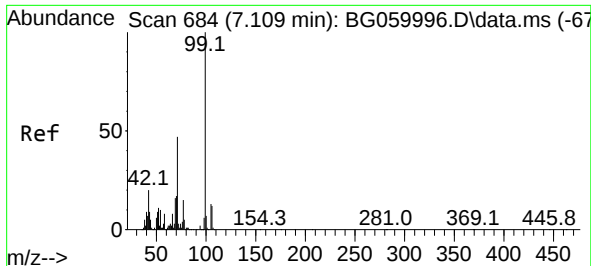
Tgt Ion:152 Resp: 73536
Ion Ratio Lower Upper
152 100
150 153.7 127.0 190.6
115 57.2 45.7 68.5



#5
2-Fluorophenol
Concen: 101.659 ng
RT: 5.525 min Scan# 415
Delta R.T. 0.003 min
Lab File: BG060016.D
Acq: 14 Dec 2023 17:42

Tgt Ion:112 Resp: 436697
Ion Ratio Lower Upper
112 100
64 76.6 55.9 83.9
63 44.9 36.5 54.7

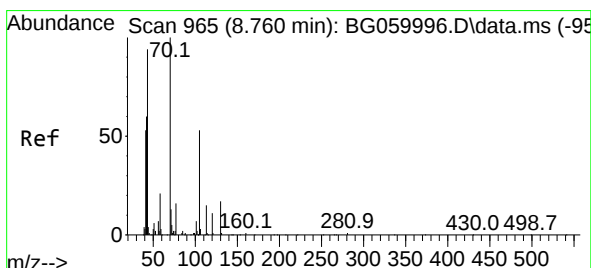
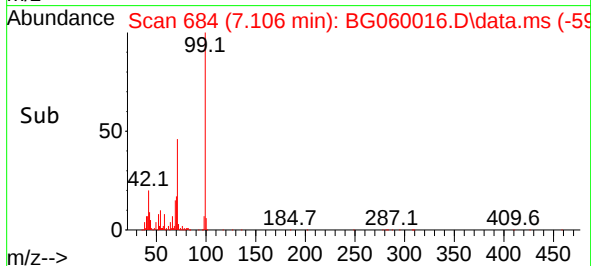
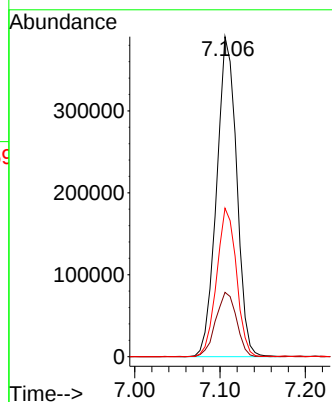
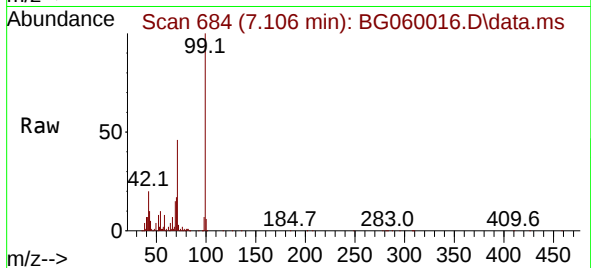




#7
Phenol-d6
Concen: 105.638 ng
RT: 7.106 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG060016.D
Acq: 14 Dec 2023 17:42

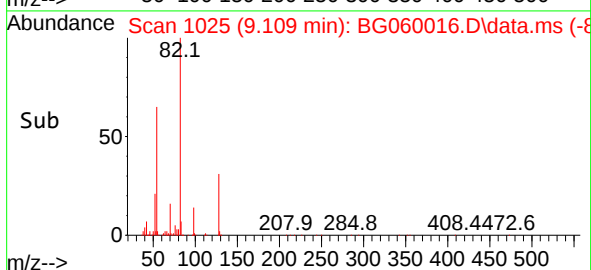
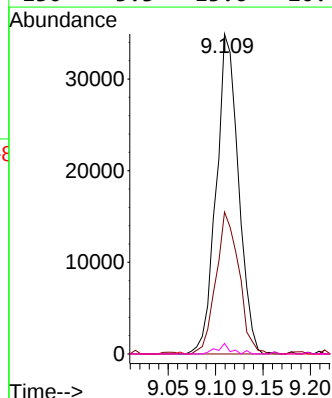
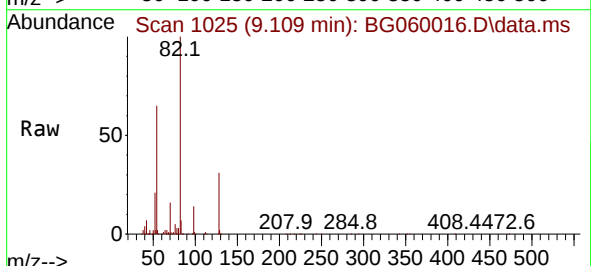
Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206

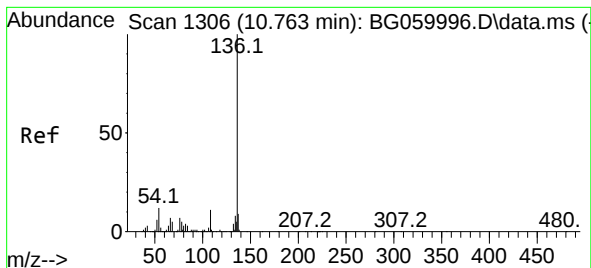
Tgt Ion: 99 Resp: 638328
Ion Ratio Lower Upper
99 100
42 20.1 16.2 24.4
71 46.4 37.6 56.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.614 ng
RT: 9.109 min Scan# 1025
Delta R.T. 0.350 min
Lab File: BG060016.D
Acq: 14 Dec 2023 17:42

Tgt Ion: 70 Resp: 56973
Ion Ratio Lower Upper
70 100
42 44.4 48.6 73.0#
101 0.0 5.7 8.5#
130 3.3 13.6 20.4#

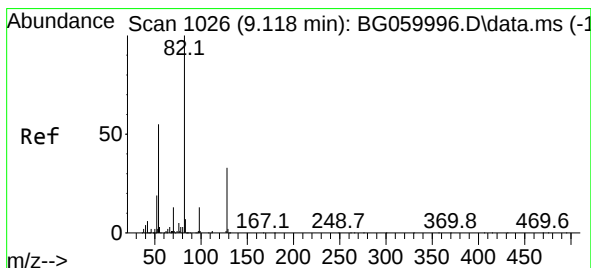
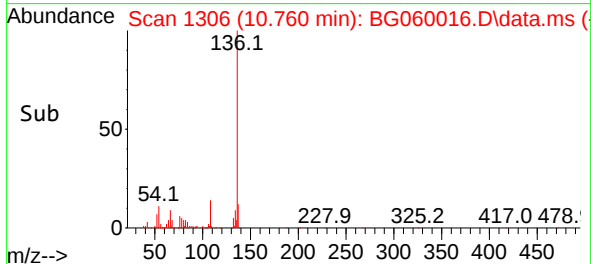
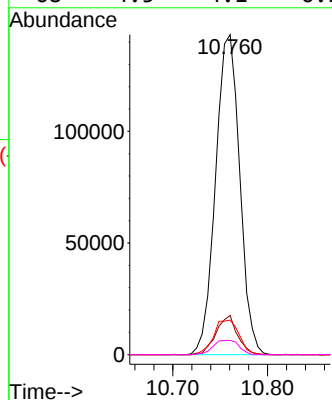
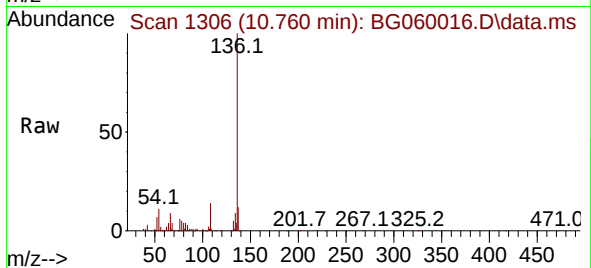




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.760 min Scan# 1306
Delta R.T. -0.003 min
Lab File: BG060016.D
Acq: 14 Dec 2023 17:42

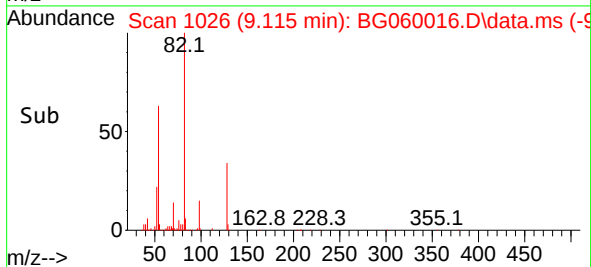
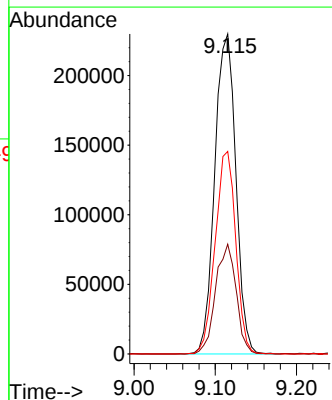
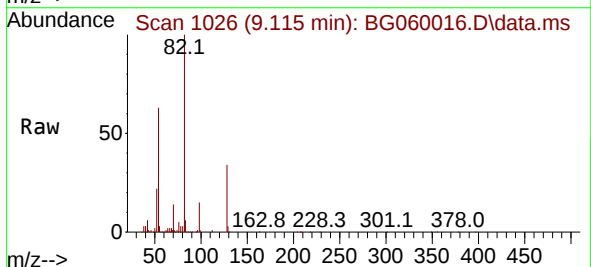
Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206

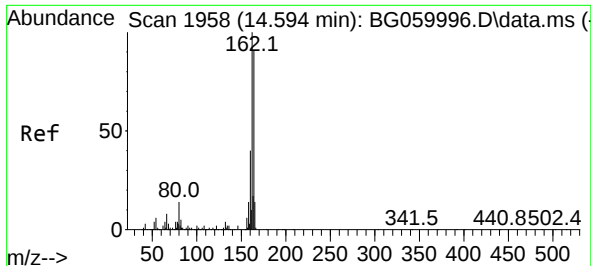
Tgt Ion:	136	Resp:	253627
Ion	Ratio	Lower	Upper
136	100		
137	12.2	7.3	10.9#
54	10.8	9.6	14.4
68	4.5	4.1	6.1



#23
Nitrobenzene-d5
Concen: 74.374 ng
RT: 9.115 min Scan# 1026
Delta R.T. -0.003 min
Lab File: BG060016.D
Acq: 14 Dec 2023 17:42

Tgt Ion:	82	Resp:	415417
Ion	Ratio	Lower	Upper
82	100		
128	34.3	26.3	39.5
54	63.3	44.3	66.5

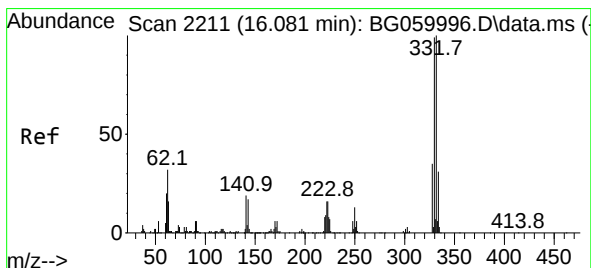
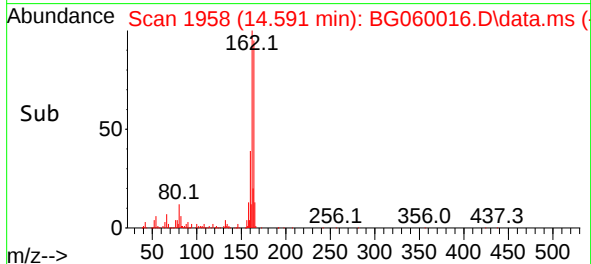
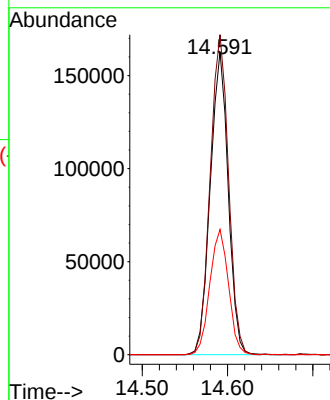
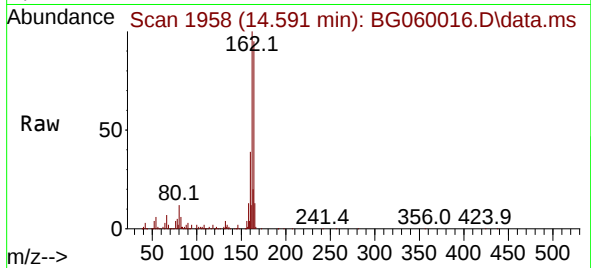




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.591 min Scan# 1958
Delta R.T. -0.003 min
Lab File: BG060016.D
Acq: 14 Dec 2023 17:42

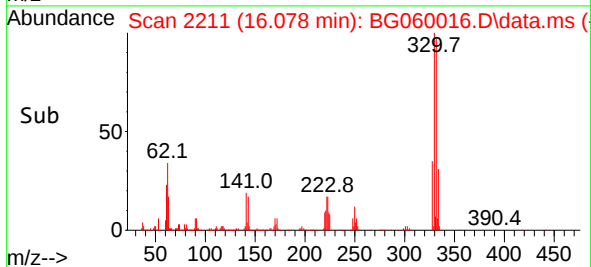
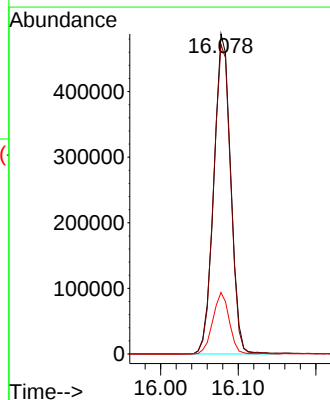
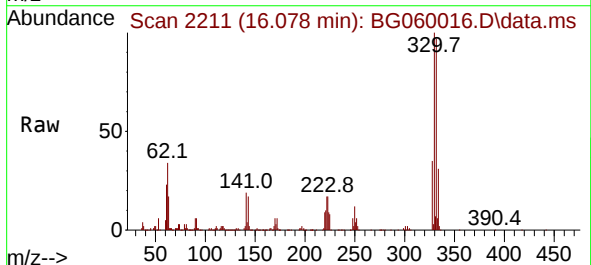
Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206

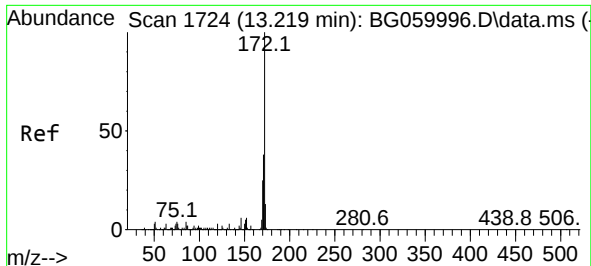
Tgt Ion:164 Resp: 237388
Ion Ratio Lower Upper
164 100
162 105.6 88.1 132.1
160 41.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 133.416 ng
RT: 16.078 min Scan# 2211
Delta R.T. -0.003 min
Lab File: BG060016.D
Acq: 14 Dec 2023 17:42

Tgt Ion:330 Resp: 738088
Ion Ratio Lower Upper
330 100
332 97.8 76.2 114.4
141 18.6 14.3 21.5

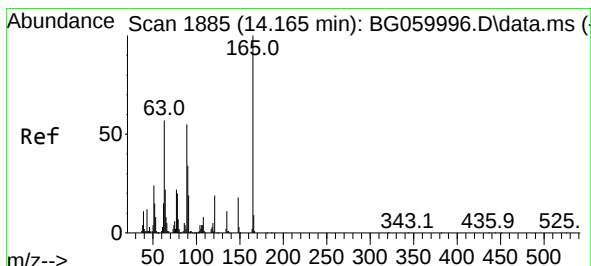
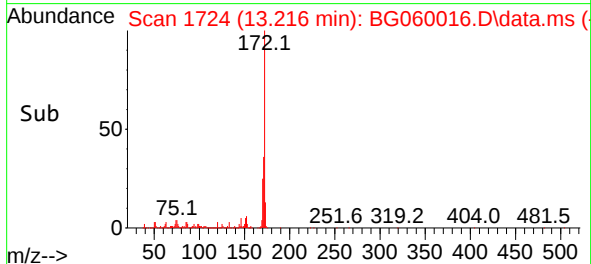
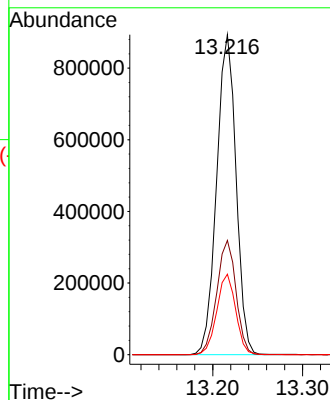
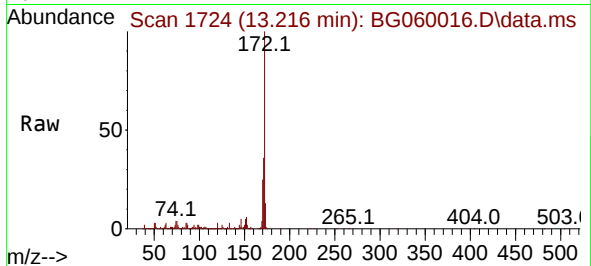




#45
2-Fluorobiphenyl
Concen: 69.052 ng
RT: 13.216 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG060016.D
Acq: 14 Dec 2023 17:42

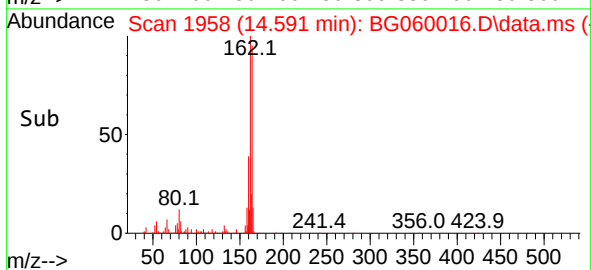
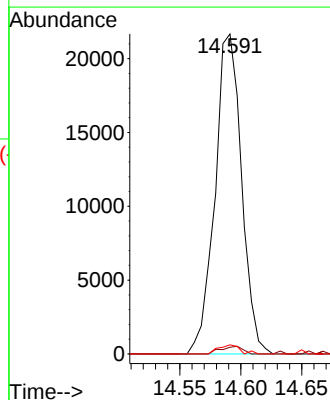
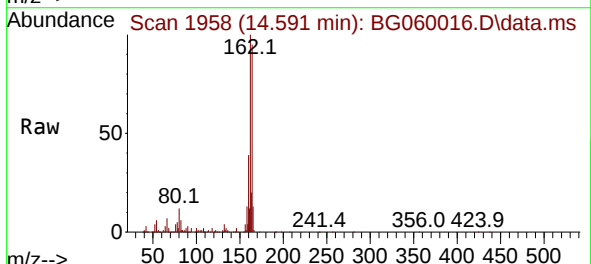
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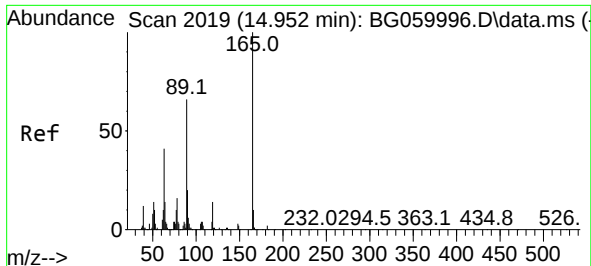
Tgt Ion:172 Resp: 1339332
Ion Ratio Lower Upper
172 100
171 35.7 30.1 45.1
170 25.1 20.0 30.0



#51
2,6-Dinitrotoluene
Concen: 8.613 ng
RT: 14.591 min Scan# 1958
Delta R.T. 0.426 min
Lab File: BG060016.D
Acq: 14 Dec 2023 17:42

Tgt Ion:165 Resp: 32877
Ion Ratio Lower Upper
165 100
63 2.1 48.2 72.2#
89 2.8 44.4 66.6#

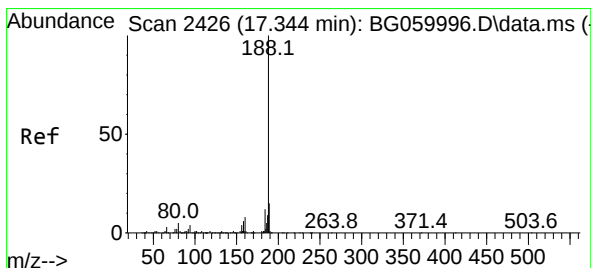
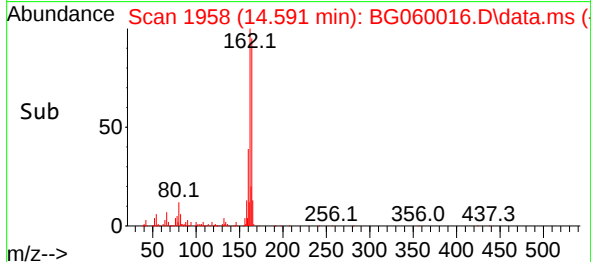
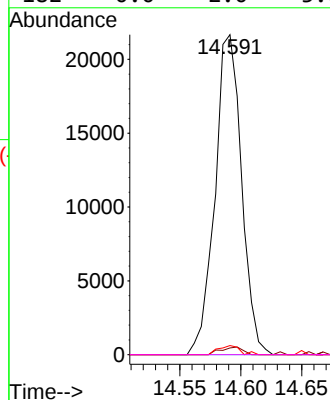
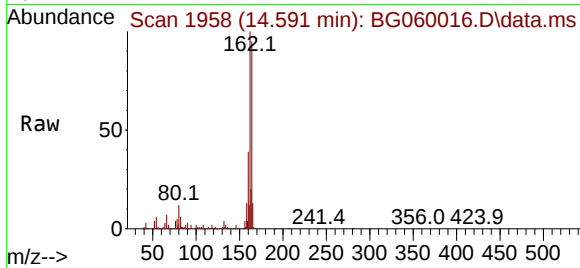




#57
2,4-Dinitrotoluene
Concen: 6.127 ng
RT: 14.591 min Scan# 1958
Delta R.T. -0.361 min
Lab File: BG060016.D
Acq: 14 Dec 2023 17:42

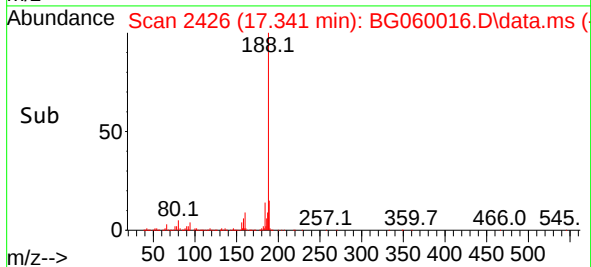
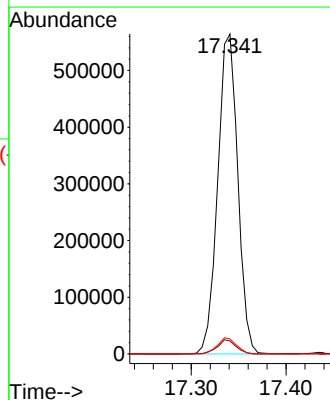
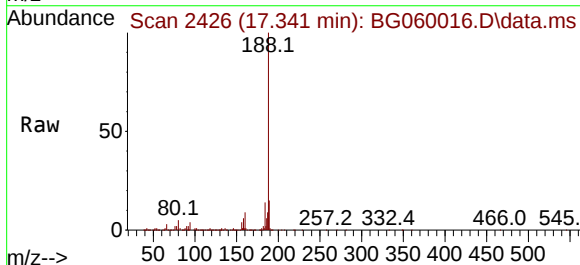
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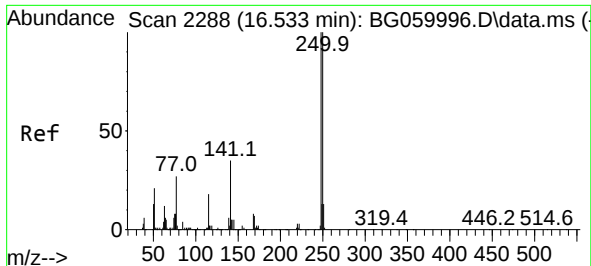
Tgt Ion:165 Resp: 32877
Ion Ratio Lower Upper
165 100
63 2.1 32.8 49.2#
89 2.8 53.0 79.6#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.341 min Scan# 2426
Delta R.T. -0.003 min
Lab File: BG060016.D
Acq: 14 Dec 2023 17:42

Tgt Ion:188 Resp: 829548
Ion Ratio Lower Upper
188 100
94 4.1 3.0 4.6
80 4.7 4.0 6.0

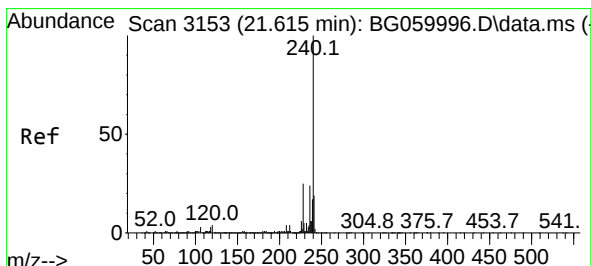
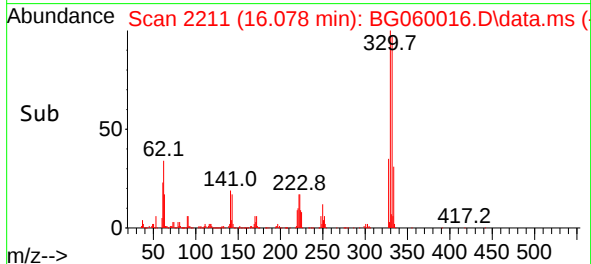
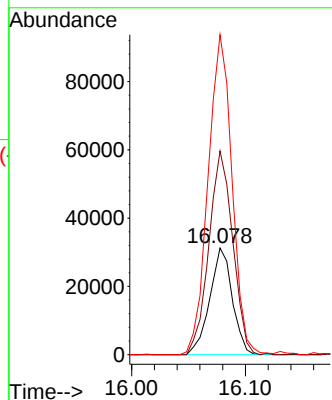
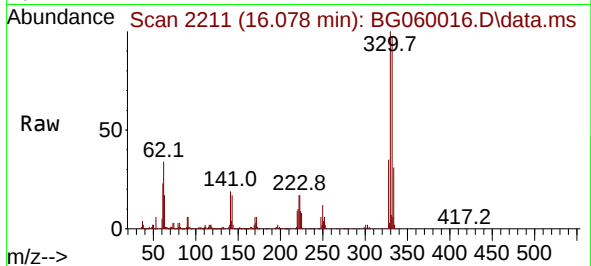




#67
4-Bromophenyl-phenylether
Concen: 3.686 ng
RT: 16.078 min Scan# 211
Delta R.T. -0.455 min
Lab File: BG060016.D
Acq: 14 Dec 2023 17:42

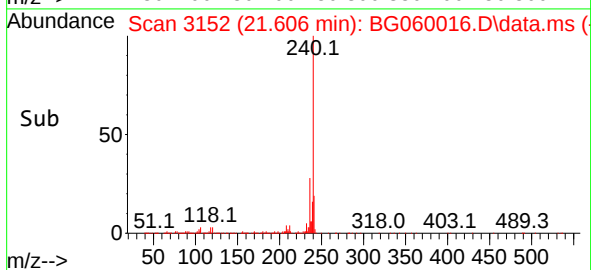
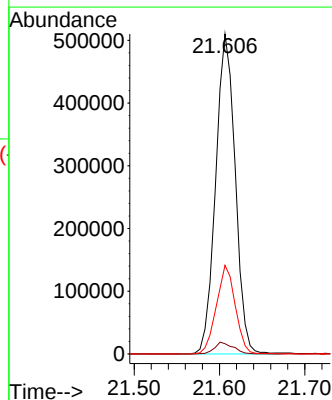
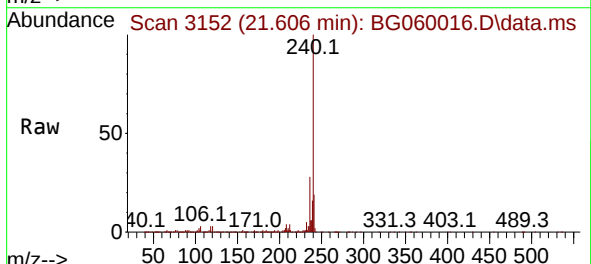
Instrument :
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WC-LIQUID-20231206

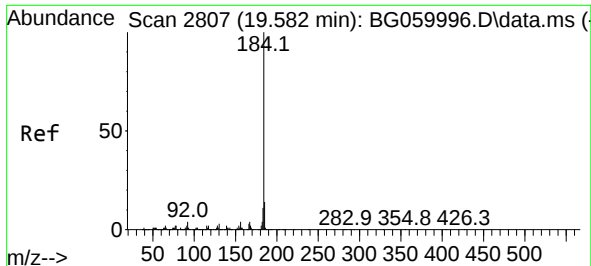
Tgt Ion:248 Resp: 43137
Ion Ratio Lower Upper
248 100
250 190.7 79.9 119.9#
141 299.7 28.3 42.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.606 min Scan# 3152
Delta R.T. -0.009 min
Lab File: BG060016.D
Acq: 14 Dec 2023 17:42

Tgt Ion:240 Resp: 812970
Ion Ratio Lower Upper
240 100
120 3.2 2.9 4.3
236 27.7 19.4 29.2

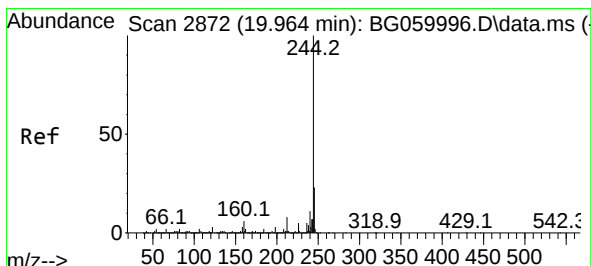
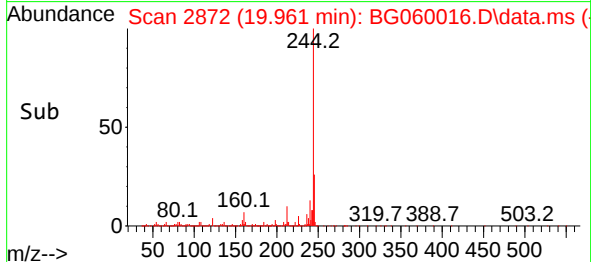
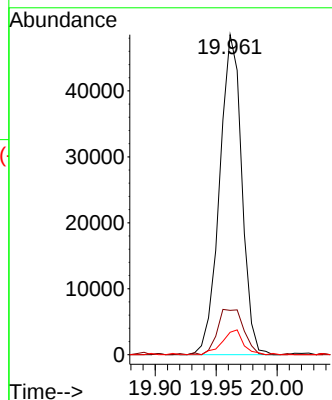
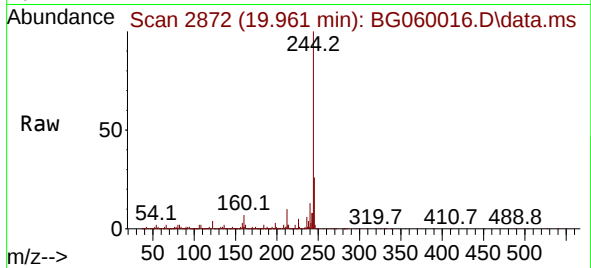




#77
Benzidine
Concen: 5.891 ng
RT: 19.961 min Scan# 2872
Delta R.T. 0.379 min
Lab File: BG060016.D
Acq: 14 Dec 2023 17:42

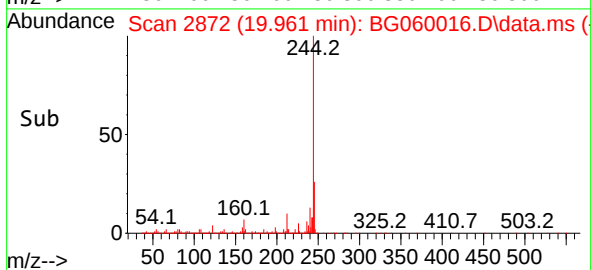
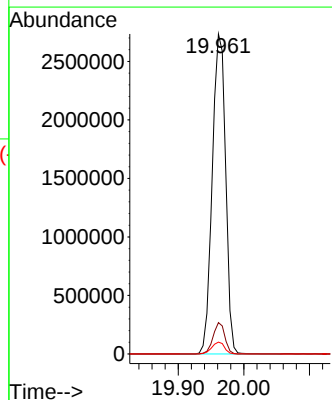
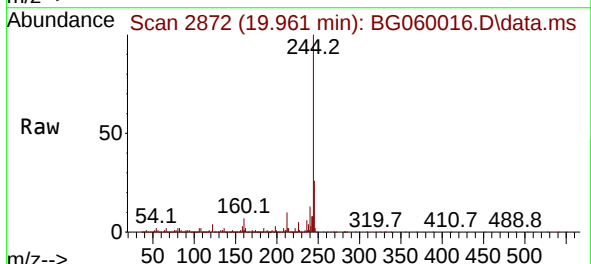
Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206

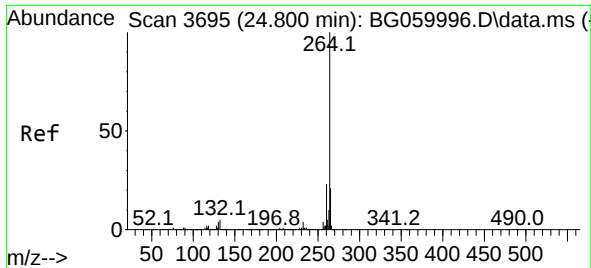
Tgt Ion:184 Resp: 61514
Ion Ratio Lower Upper
184 100
185 13.9 11.1 16.7
183 7.0 9.0 13.4#



#79
Terphenyl-d14
Concen: 86.989 ng
RT: 19.961 min Scan# 2872
Delta R.T. -0.003 min
Lab File: BG060016.D
Acq: 14 Dec 2023 17:42

Tgt Ion:244 Resp: 3873528
Ion Ratio Lower Upper
244 100
212 9.8 6.8 10.2
122 3.7 2.6 3.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.797 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: BG060016.D
 Acq: 14 Dec 2023 17:42

Instrument :
 BNA_G
 ClientSampleId :
 WC-LIQUID-20231206

Tgt Ion:264 Resp: 959192
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.5 27.7
 265 21.3 17.3 25.9

