

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081022\
 Data File : BG054596.D
 Acq On : 10 Aug 2022 20:18
 Operator : CG/JU
 Sample : N3971-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1R

Quant Time: Aug 10 21:46:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 14:48:51 2022
 Response via : Initial Calibration

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

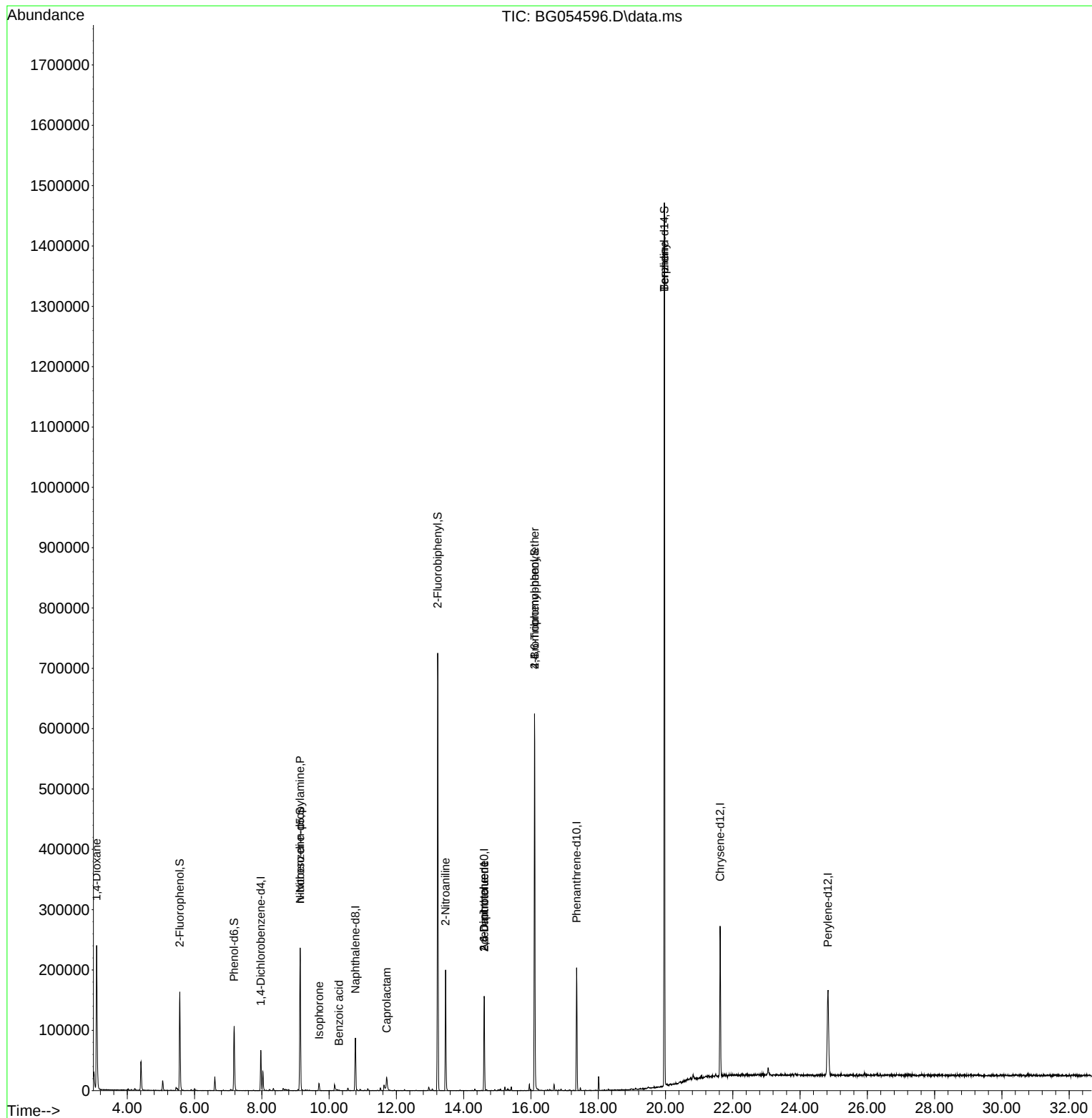
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	21676	20.000	ng	0.00
21) Naphthalene-d8	10.785	136	80543	20.000	ng	# 0.00
39) Acenaphthene-d10	14.609	164	60845	20.000	ng	0.00
64) Phenanthrene-d10	17.359	188	150231	20.000	ng	# 0.00
76) Chrysene-d12	21.625	240	169472	20.000	ng	# 0.00
86) Perylene-d12	24.827	264	180166	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.561	112	75113	72.351	ng	0.00
7) Phenol-d6	7.177	99	62902	44.217	ng	0.00
23) Nitrobenzene-d5	9.139	82	142112	96.085	ng	0.00
42) 2,4,6-Tribromophenol	16.108	330	167308	130.963	ng	0.00
45) 2-Fluorobiphenyl	13.229	172	409650	94.978	ng	0.00
79) Terphenyl-d14	19.968	244	841505	98.505	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.088	88	2688	6.508	ng	# 1
19) n-Nitroso-di-n-propyla...	9.139	70	20422	21.498	ng	# 81
25) Isophorone	9.703	82	8871	3.449	ng	96
32) Benzoic acid	10.297	122	72	7.820	ng	# 1
35) Caprolactam	11.713	113	4606	12.041	ng	91
48) 2-Nitroaniline	13.464	65	6752	7.427	ng	# 24
51) 2,6-Dinitrotoluene	14.609	165	8163	7.831	ng	# 16
57) 2,4-Dinitrotoluene	14.609	165	8163	5.462	ng	# 21
67) 4-Bromophenyl-phenylether	16.108	248	10289	4.876	ng	# 1
77) Benzidine	19.968	184	10955	3.569	ng	# 93

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

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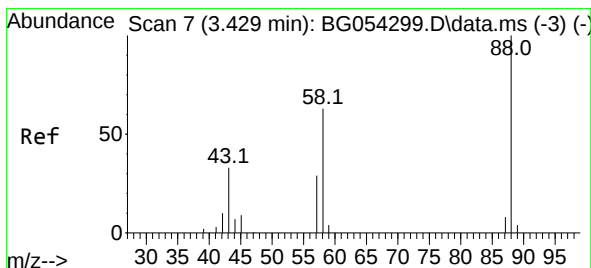
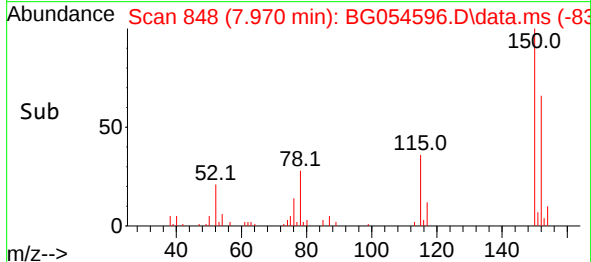
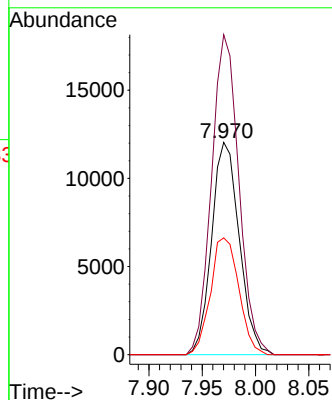
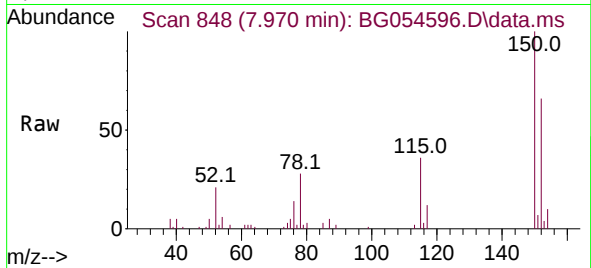




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.970 min Scan# 84
 Delta R.T. -0.002 min
 Lab File: BG054596.D
 Acq: 10 Aug 2022 20:18

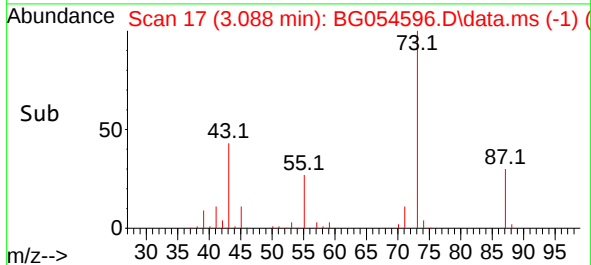
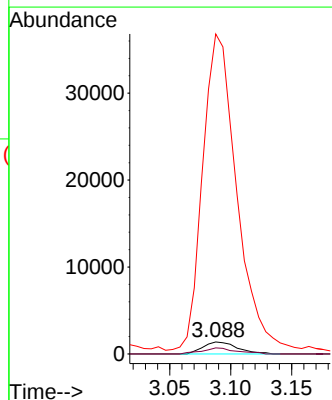
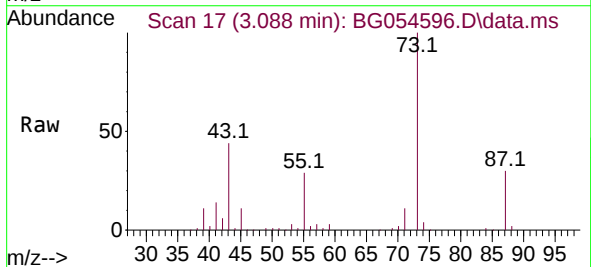
Instrument :
 BNA_G
 ClientSampleId :
 MW-1R

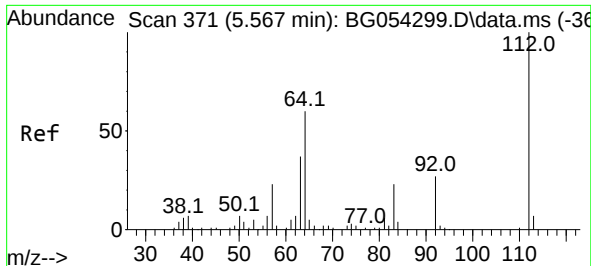
Tgt Ion:152 Resp: 21676
 Ion Ratio Lower Upper
 152 100
 150 150.8 131.6 197.4
 115 55.0 50.9 76.3



#2
 1,4-Dioxane
 Concen: 6.508 ng
 RT: 3.088 min Scan# 17
 Delta R.T. -0.308 min
 Lab File: BG054596.D
 Acq: 10 Aug 2022 20:18

Tgt Ion: 88 Resp: 2688
 Ion Ratio Lower Upper
 88 100
 58 50.2 59.2 88.8#
 43 2622.3 24.3 36.5#

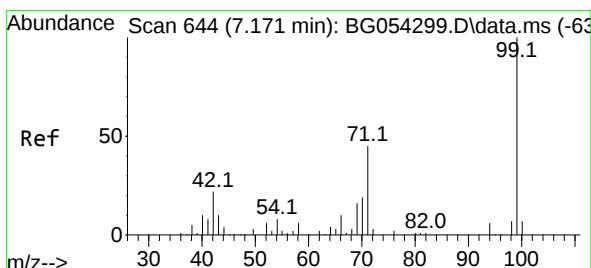
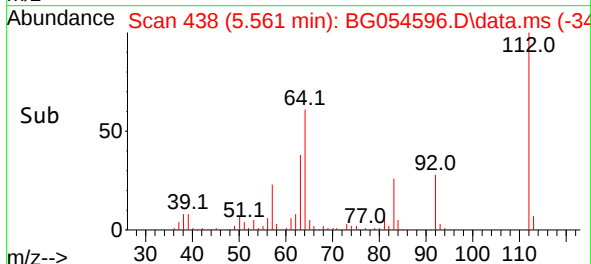
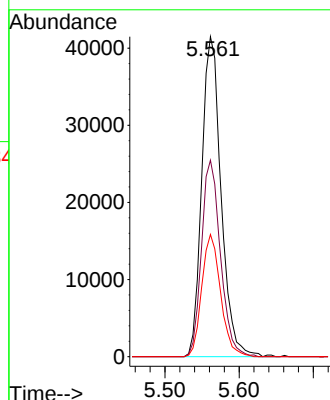
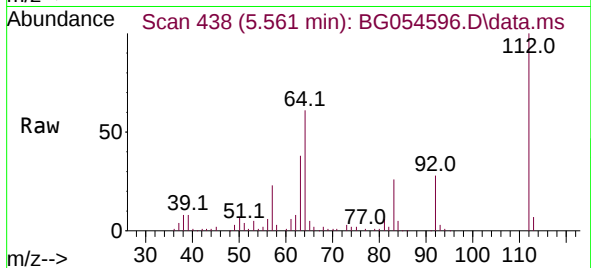




#5
2-Fluorophenol
Concen: 72.351 ng
RT: 5.561 min Scan# 41
Delta R.T. -0.002 min
Lab File: BG054596.D
Acq: 10 Aug 2022 20:18

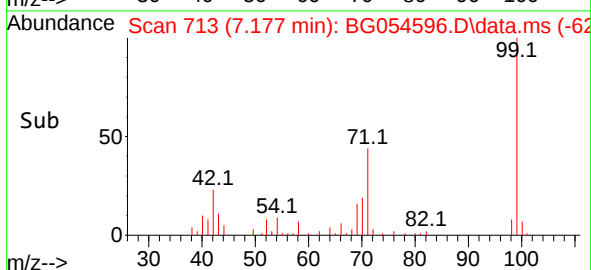
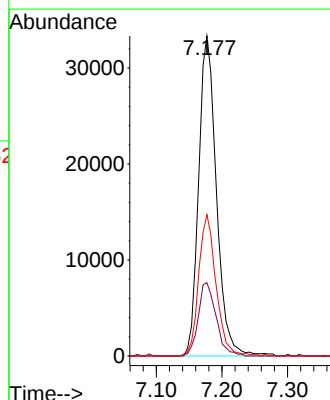
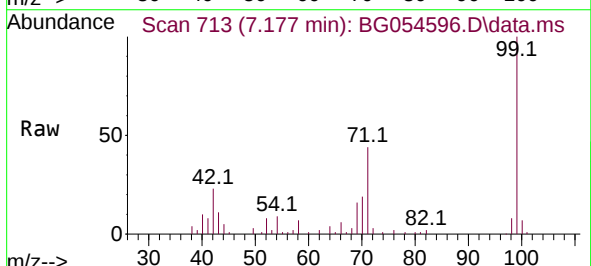
Instrument :
BNA_G
ClientSampleId :
MW-1R

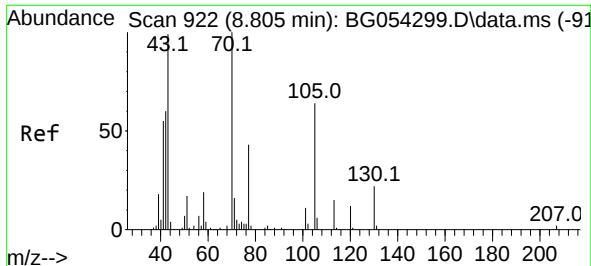
Tgt Ion:112 Resp: 75113
Ion Ratio Lower Upper
112 100
64 61.4 55.1 82.7
63 38.2 30.4 45.6



#7
Phenol-d6
Concen: 44.217 ng
RT: 7.177 min Scan# 713
Delta R.T. -0.002 min
Lab File: BG054596.D
Acq: 10 Aug 2022 20:18

Tgt Ion: 99 Resp: 62902
Ion Ratio Lower Upper
99 100
42 22.9 17.0 25.6
71 44.2 33.8 50.8

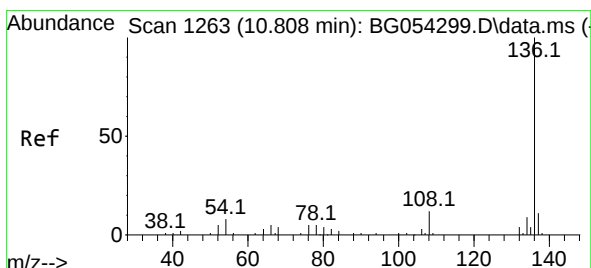
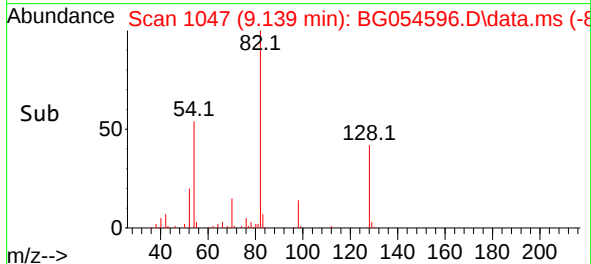
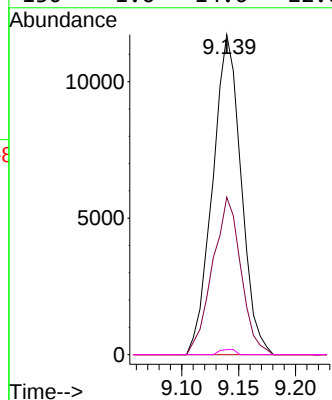
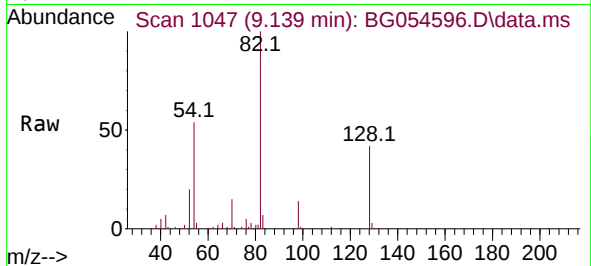




#19
n-Nitroso-di-n-propylamine
Concen: 21.498 ng
RT: 9.139 min Scan# 1047
Delta R.T. 0.356 min
Lab File: BG054596.D
Acq: 10 Aug 2022 20:18

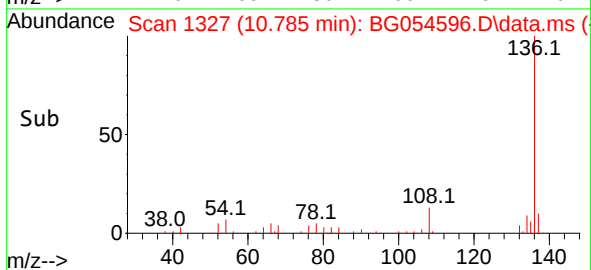
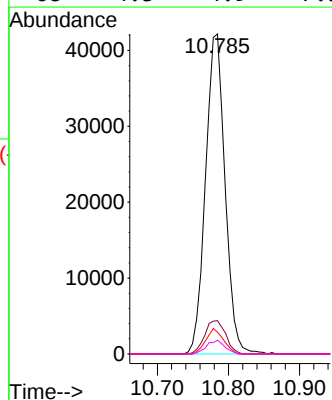
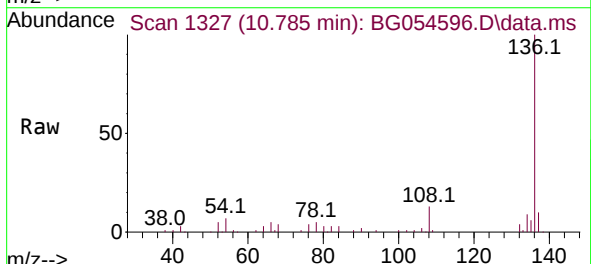
Instrument :
BNA_G
ClientSampleId :
MW-1R

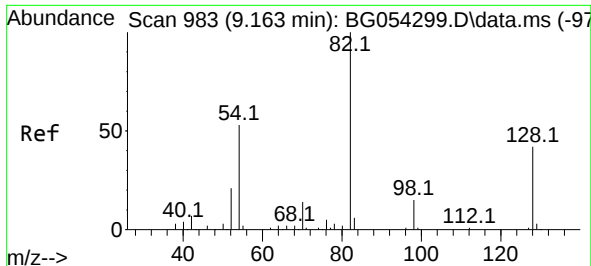
Tgt Ion: 70	Resp: 20422
Ion Ratio	Lower Upper
70 100	
42 49.2	47.3 70.9
101 0.0	7.0 10.4#
130 1.6	14.6 22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.785 min Scan# 1327
Delta R.T. -0.002 min
Lab File: BG054596.D
Acq: 10 Aug 2022 20:18

Tgt Ion: 136	Resp: 80543
Ion Ratio	Lower Upper
136 100	
137 10.4	8.5 12.7
54 6.8	7.4 11.2#
68 4.3	4.9 7.3#

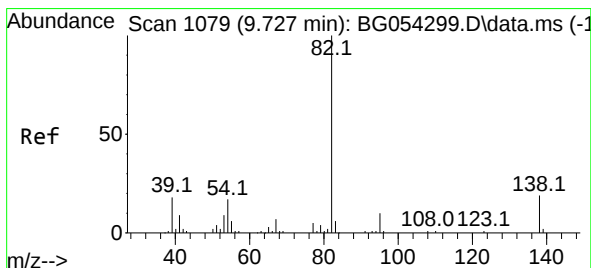
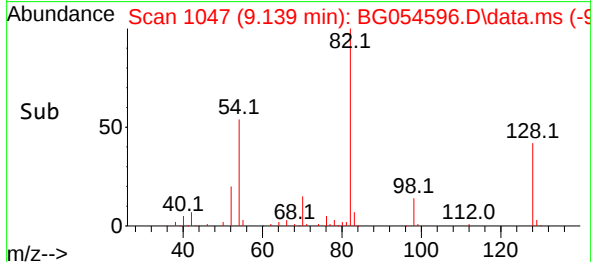
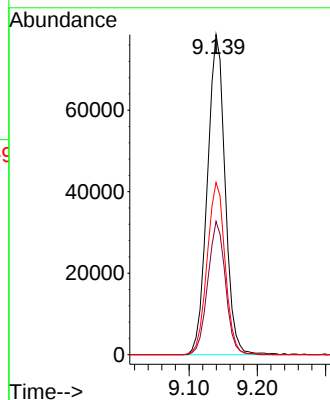
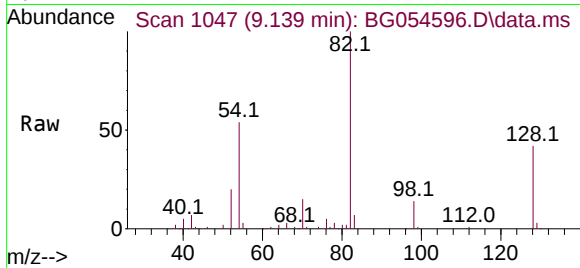




#23
Nitrobenzene-d5
Concen: 96.085 ng
RT: 9.139 min Scan# 1143
Delta R.T. -0.002 min
Lab File: BG054596.D
Acq: 10 Aug 2022 20:18

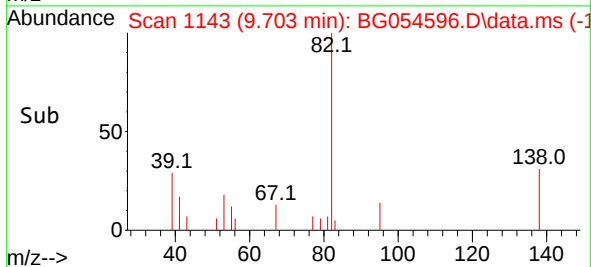
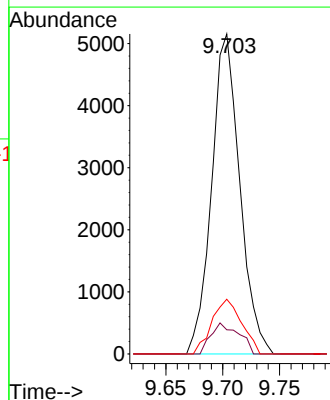
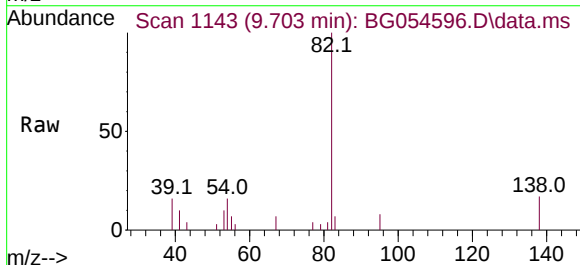
Instrument :
BNA_G
ClientSampleId :
MW-1R

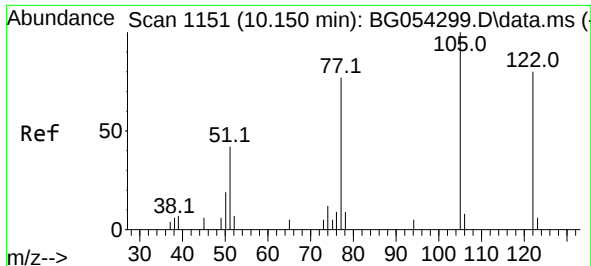
Tgt Ion: 82 Resp: 142112
Ion Ratio Lower Upper
82 100
128 41.6 27.9 41.9
54 53.8 41.2 61.8



#25
Isophorone
Concen: 3.449 ng
RT: 9.703 min Scan# 1143
Delta R.T. -0.002 min
Lab File: BG054596.D
Acq: 10 Aug 2022 20:18

Tgt Ion: 82 Resp: 8871
Ion Ratio Lower Upper
82 100
95 7.6 6.2 9.4
138 17.1 11.6 17.4

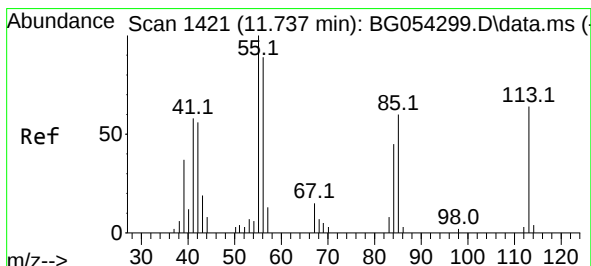
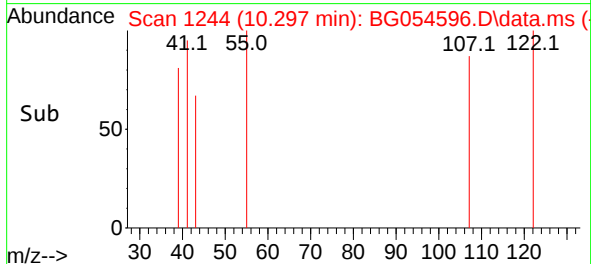
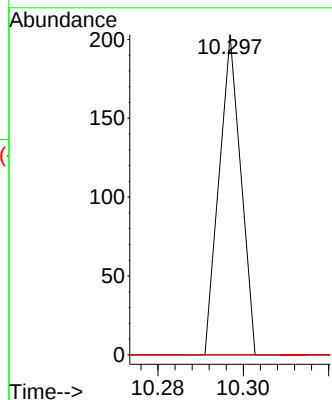
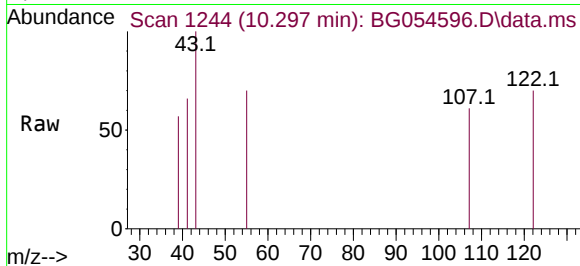




#32
Benzoic acid
Concen: 7.820 ng
RT: 10.297 min Scan# 1151
Delta R.T. 0.151 min
Lab File: BG054596.D
Acq: 10 Aug 2022 20:18

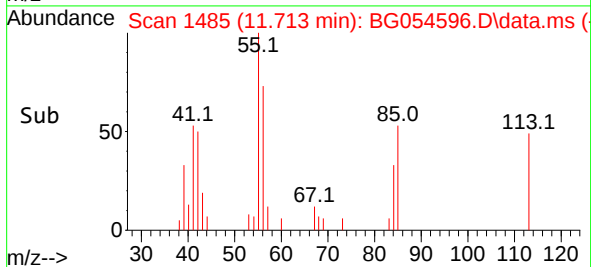
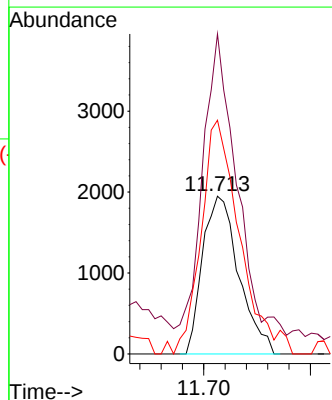
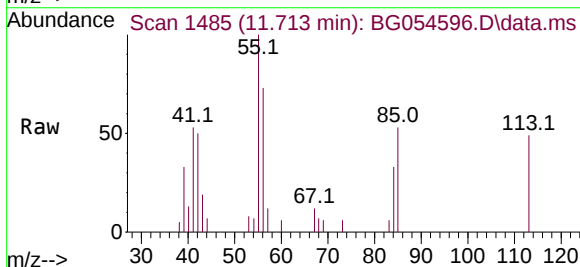
Instrument :
BNA_G
ClientSampleId :
MW-1R

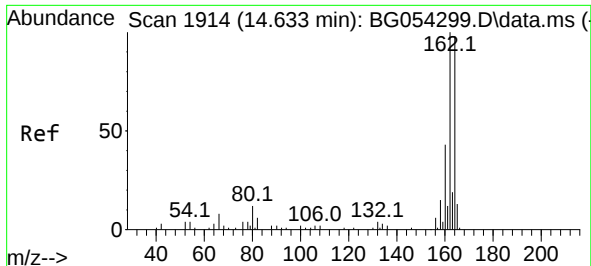
Tgt Ion:122 Resp: 72
Ion Ratio Lower Upper
122 100
105 0.0 111.8 151.8#
77 0.0 109.4 149.4#



#35
Caprolactam
Concen: 12.041 ng
RT: 11.713 min Scan# 1485
Delta R.T. -0.014 min
Lab File: BG054596.D
Acq: 10 Aug 2022 20:18

Tgt Ion:113 Resp: 4606
Ion Ratio Lower Upper
113 100
55 202.8 169.8 209.8
56 148.1 141.2 181.2

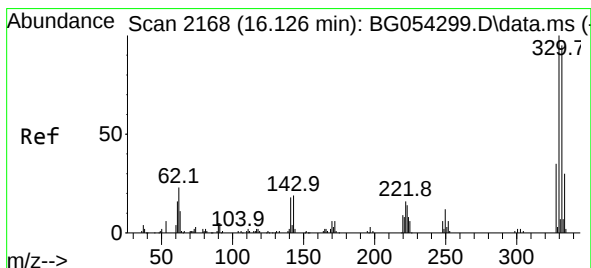
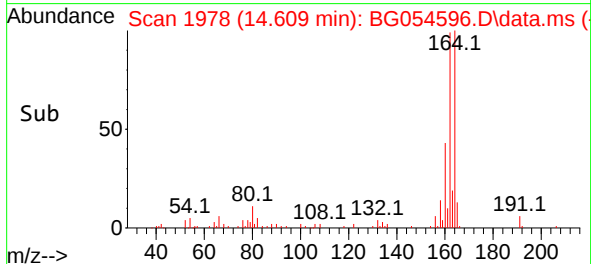
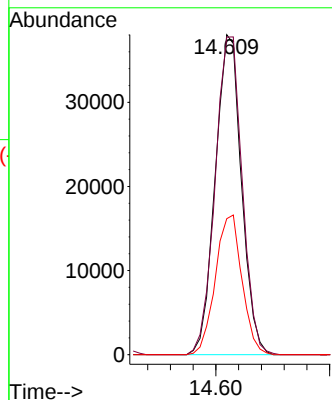
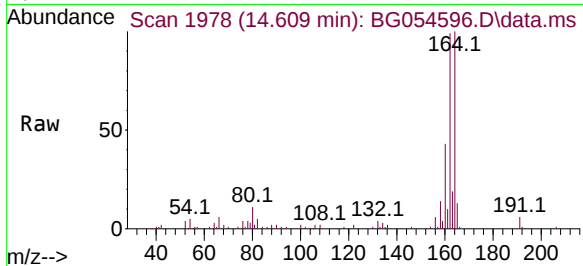




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.609 min Scan# 1914
Delta R.T. -0.008 min
Lab File: BG054596.D
Acq: 10 Aug 2022 20:18

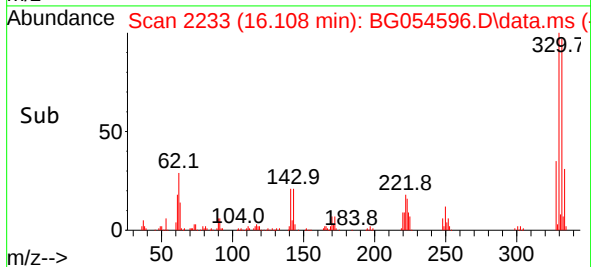
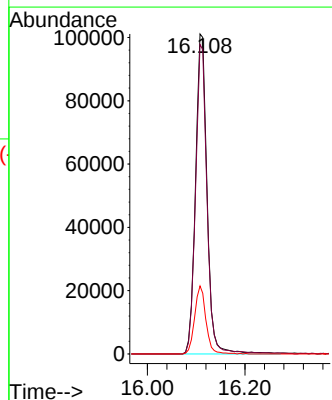
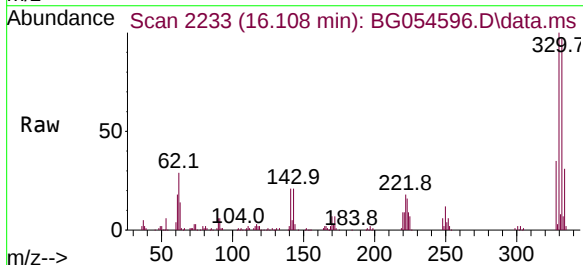
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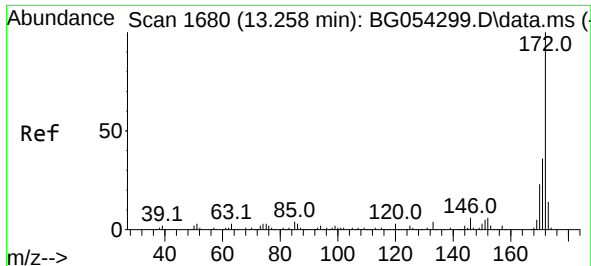
Tgt Ion:164 Resp: 60845
Ion Ratio Lower Upper
164 100
162 99.3 82.3 123.5
160 42.5 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 130.963 ng
RT: 16.108 min Scan# 2233
Delta R.T. -0.008 min
Lab File: BG054596.D
Acq: 10 Aug 2022 20:18

Tgt Ion:330 Resp: 167308
Ion Ratio Lower Upper
330 100
332 95.7 76.0 114.0
141 20.6 27.1 40.7#

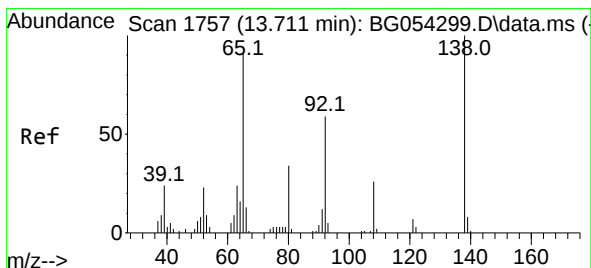
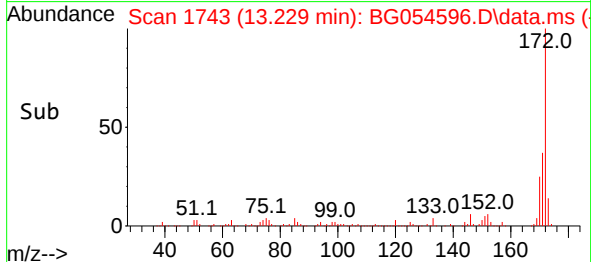
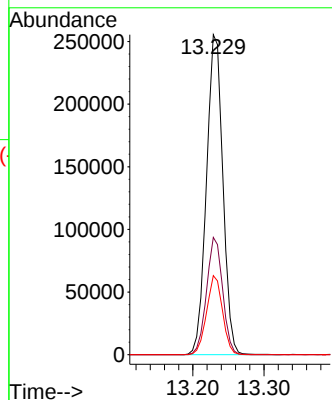
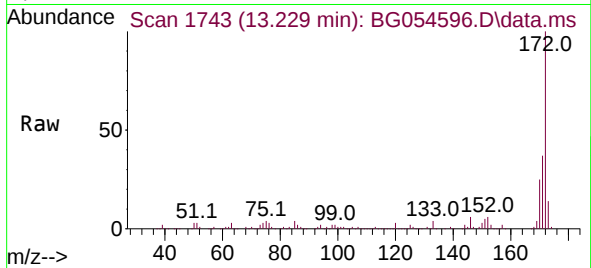




#45
2-Fluorobiphenyl
Concen: 94.978 ng
RT: 13.229 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG054596.D
Acq: 10 Aug 2022 20:18

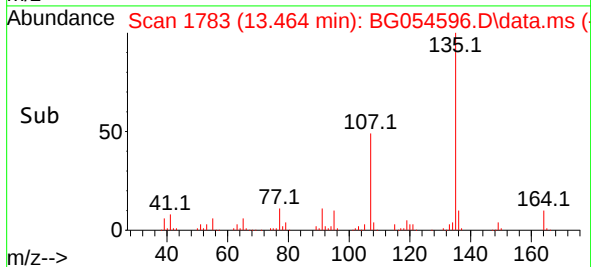
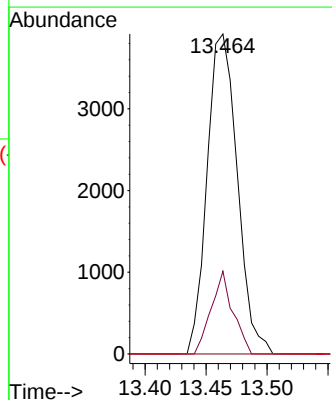
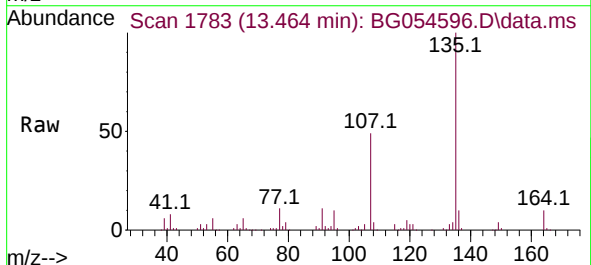
Instrument :
BNA_G
ClientSampleId :
MW-1R

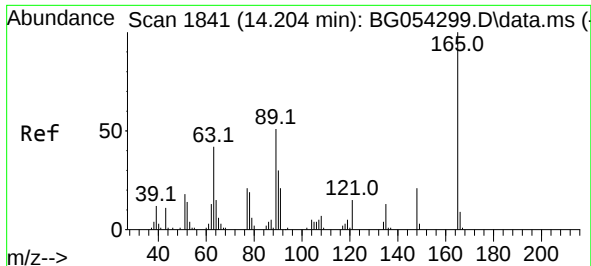
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Ion Ratio Lower Upper
172 100
171 36.7 28.5 42.7
170 24.7 18.9 28.3



#48
2-Nitroaniline
Concen: 7.427 ng
RT: 13.464 min Scan# 1783
Delta R.T. -0.237 min
Lab File: BG054596.D
Acq: 10 Aug 2022 20:18

Tgt Ion: 65 Resp: 6752
Ion Ratio Lower Upper
65 100
92 25.8 51.5 77.3#
138 0.0 71.3 106.9#

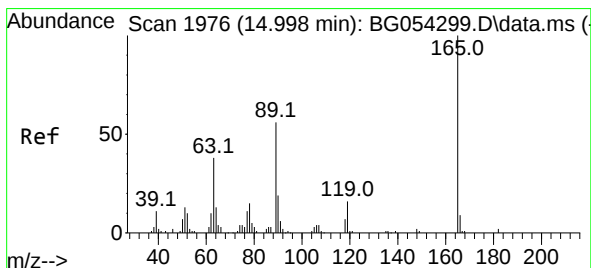
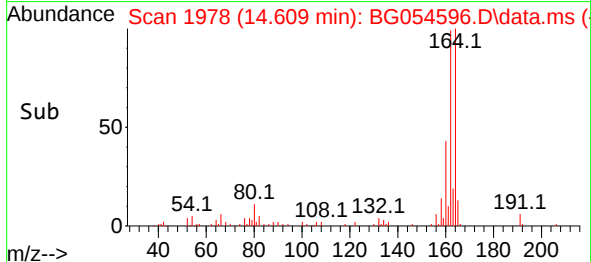
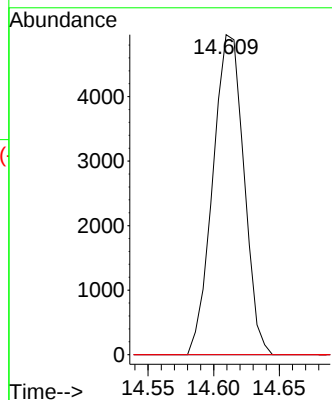
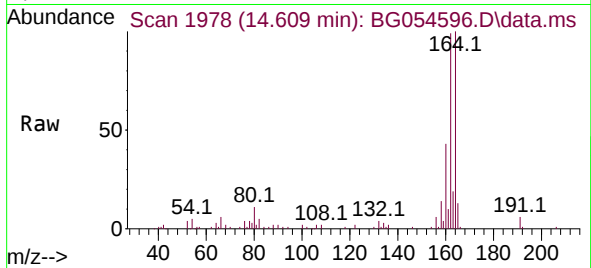




#51
2,6-Dinitrotoluene
Concen: 7.831 ng
RT: 14.609 min Scan# 1978
Delta R.T. 0.415 min
Lab File: BG054596.D
Acq: 10 Aug 2022 20:18

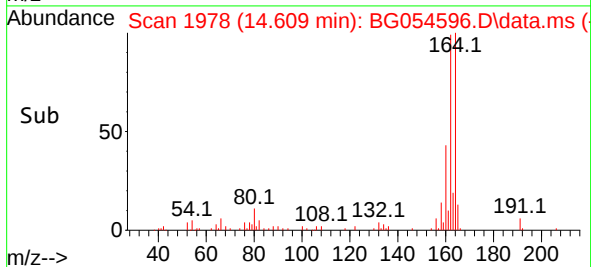
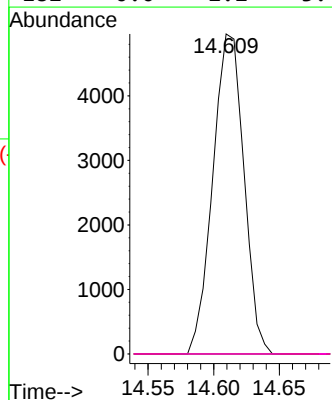
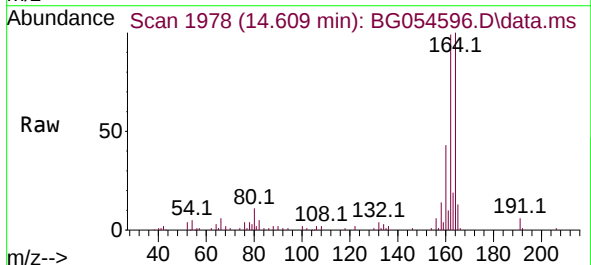
Instrument :
BNA_G
ClientSampleId :
MW-1R

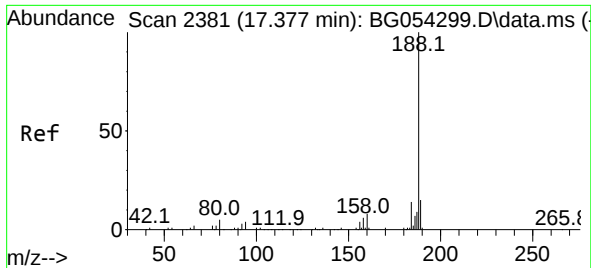
Tgt Ion:165 Resp: 8163
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.462 ng
RT: 14.609 min Scan# 1978
Delta R.T. -0.384 min
Lab File: BG054596.D
Acq: 10 Aug 2022 20:18

Tgt Ion:165 Resp: 8163
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#

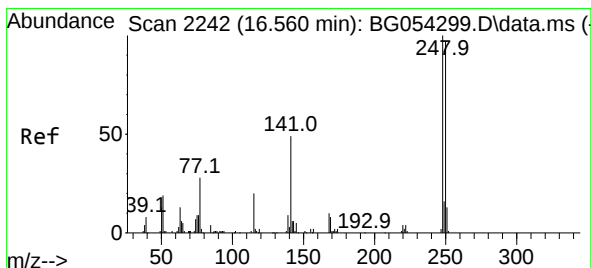
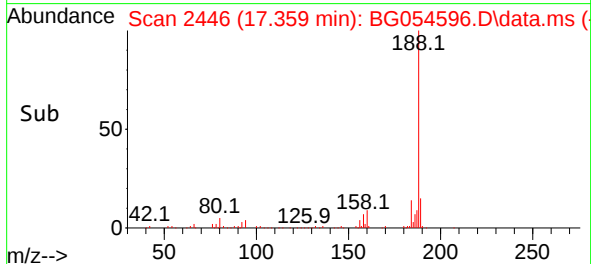
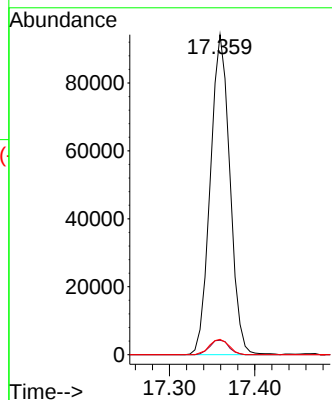
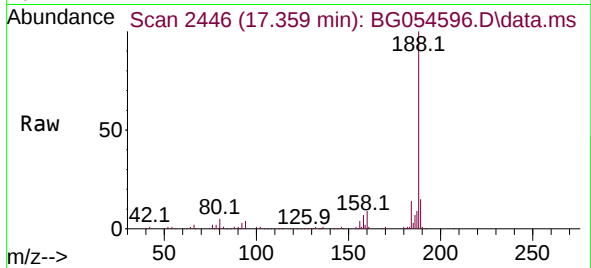




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.359 min Scan# 2446
Delta R.T. -0.002 min
Lab File: BG054596.D
Acq: 10 Aug 2022 20:18

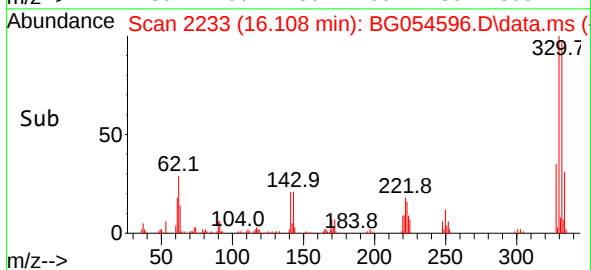
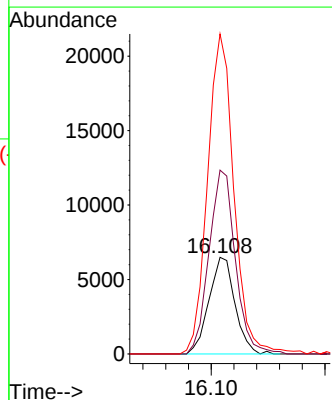
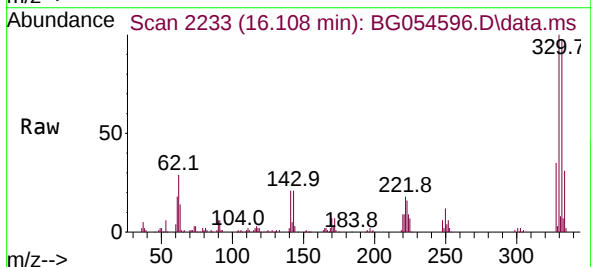
Instrument :
BNA_G
ClientSampleId :
MW-1R

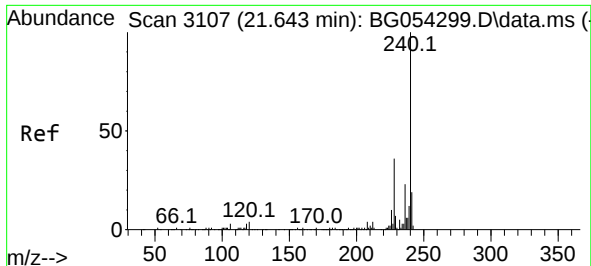
Tgt Ion:188 Resp: 150231
Ion Ratio Lower Upper
188 100
94 4.5 5.4 8.0#
80 4.8 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 4.876 ng
RT: 16.108 min Scan# 2233
Delta R.T. -0.437 min
Lab File: BG054596.D
Acq: 10 Aug 2022 20:18

Tgt Ion:248 Resp: 10289
Ion Ratio Lower Upper
248 100
250 190.4 75.2 112.8#
141 331.2 50.0 75.0#

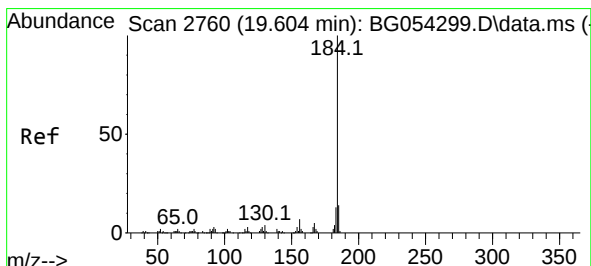
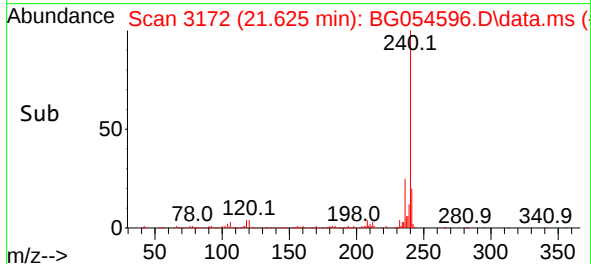
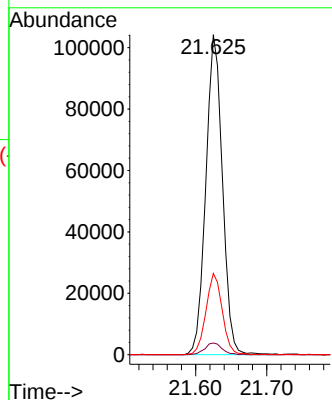
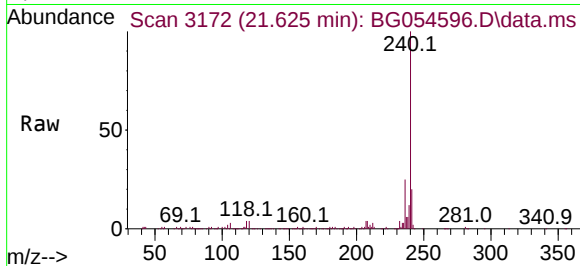




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.625 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG054596.D
Acq: 10 Aug 2022 20:18

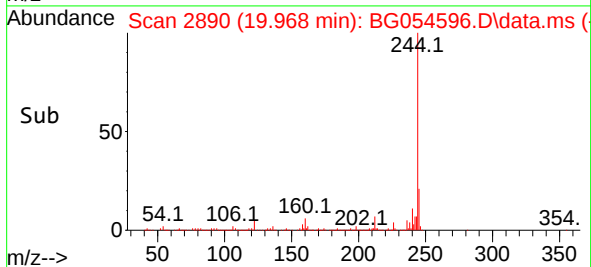
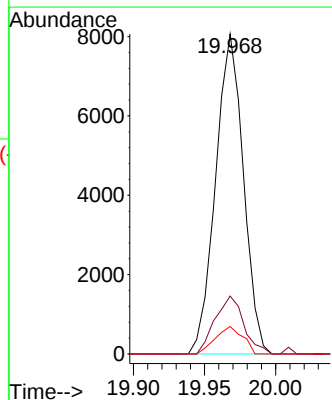
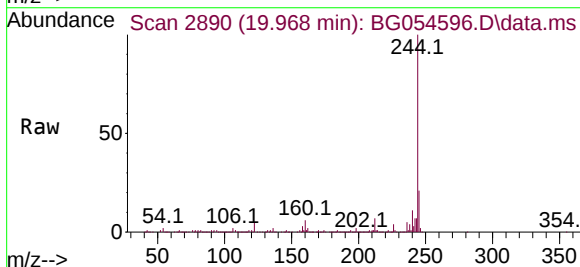
Instrument :
BNA_G
ClientSampleId :
MW-1R

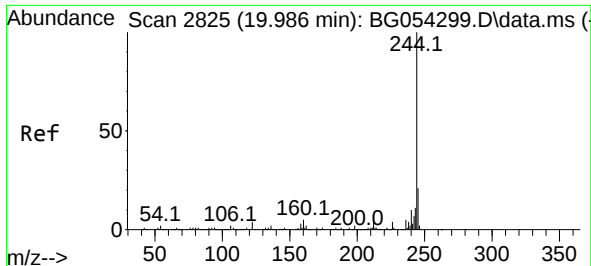
Tgt Ion:240 Resp: 169472
Ion Ratio Lower Upper
240 100
120 3.7 4.6 7.0#
236 25.4 20.2 30.4



#77
Benzidine
Concen: 3.569 ng
RT: 19.968 min Scan# 2890
Delta R.T. 0.374 min
Lab File: BG054596.D
Acq: 10 Aug 2022 20:18

Tgt Ion:184 Resp: 10955
Ion Ratio Lower Upper
184 100
185 18.1 11.8 17.6#
183 8.6 8.9 13.3#

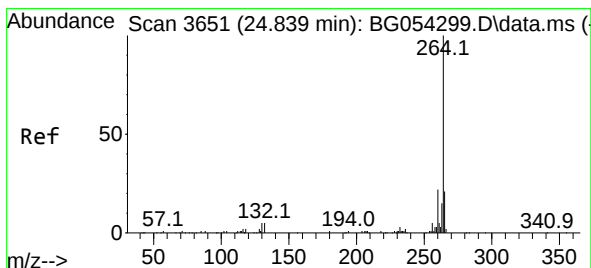
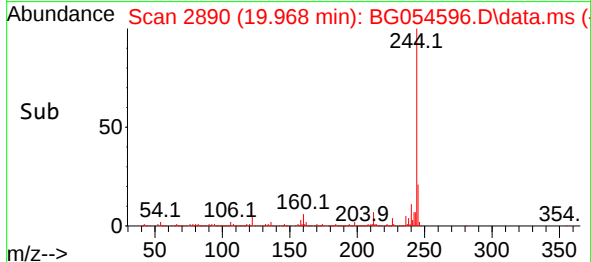
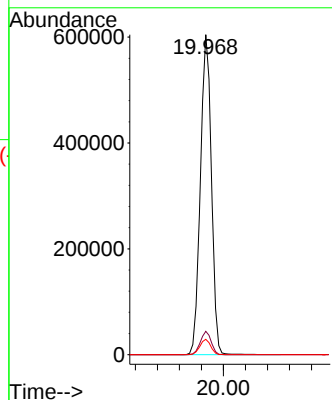
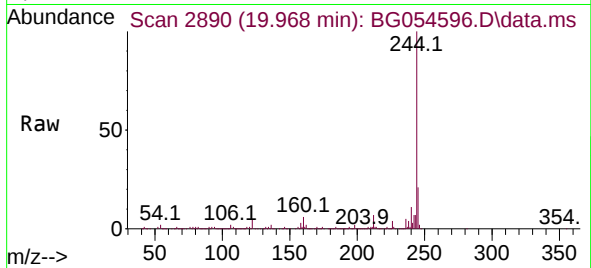




#79
 Terphenyl-d14
 Concen: 98.505 ng
 RT: 19.968 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG054596.D
 Acq: 10 Aug 2022 20:18

Instrument :
 BNA_G
 ClientSampleId :
 MW-1R

Tgt Ion:244 Resp: 841505
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 4.8 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.827 min Scan# 3717
 Delta R.T. -0.008 min
 Lab File: BG054596.D
 Acq: 10 Aug 2022 20:18

Tgt Ion:264 Resp: 180166
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.0 28.6
 265 21.1 17.4 26.2

