

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
 Data File : BG053493.D
 Acq On : 9 May 2022 15:10
 Operator : CG/JU
 Sample : N2745-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-31D

Quant Time: May 09 16:23:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 02:13:53 2022
 Response via : Initial Calibration

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

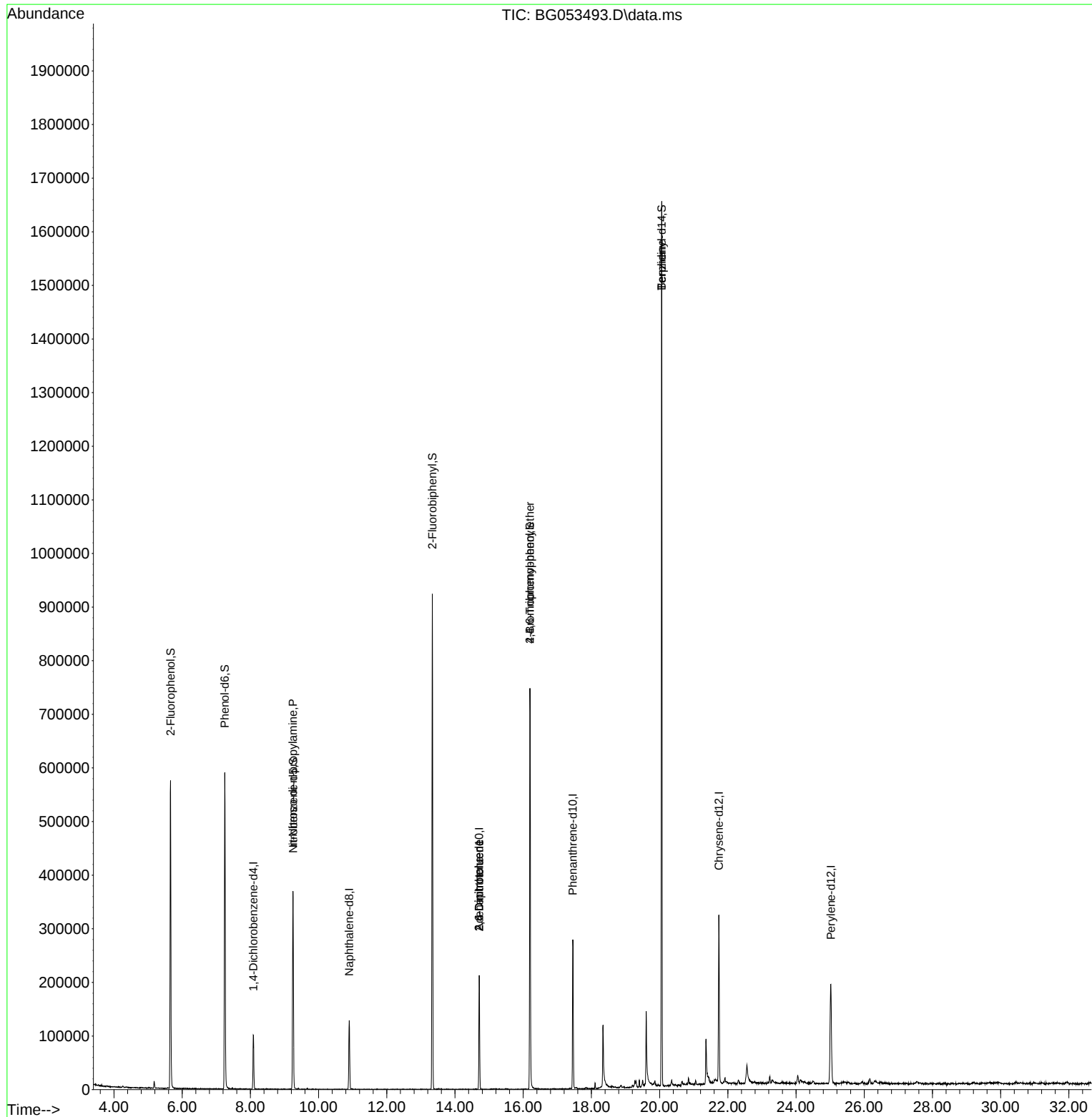
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	27845	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	108351	20.000	ng	-0.01
39) Acenaphthene-d10	14.711	164	78838	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	181473	20.000	ng	-0.01
76) Chrysene-d12	21.737	240	200510	20.000	ng	0.00
86) Perylene-d12	25.021	264	205921	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	238568	145.406	ng	0.00
7) Phenol-d6	7.250	99	337829	135.673	ng	0.00
23) Nitrobenzene-d5	9.254	82	241089	94.718	ng	0.00
42) 2,4,6-Tribromophenol	16.197	330	154205	132.619	ng	-0.01
45) 2-Fluorobiphenyl	13.336	172	493583	91.487	ng	0.00
79) Terphenyl-d14	20.063	244	860044	79.887	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.248	70	33459	18.728	ng	# 75
51) 2,6-Dinitrotoluene	14.711	165	9754	7.991	ng	# 16
57) 2,4-Dinitrotoluene	14.711	165	9754	5.513	ng	# 21
67) 4-Bromophenyl-phenylether	16.197	248	10151	4.790	ng	# 1
77) Benzidine	20.063	184	14792	3.423	ng	# 91

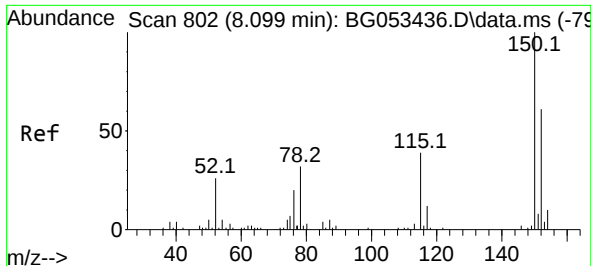
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
Data File : BG053493.D
Acq On : 9 May 2022 15:10
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Misc :
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Quant Time: May 09 16:23:25 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 05 02:13:53 2022
Response via : Initial Calibration

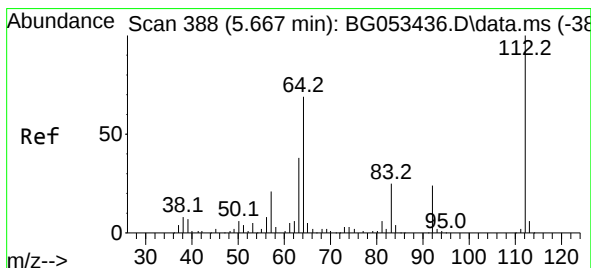
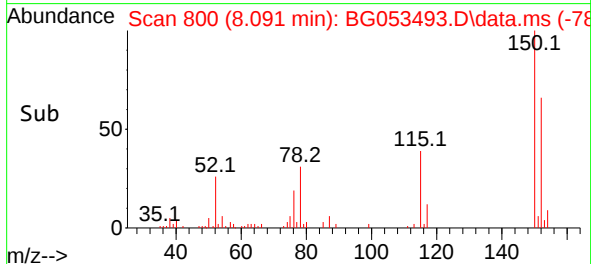
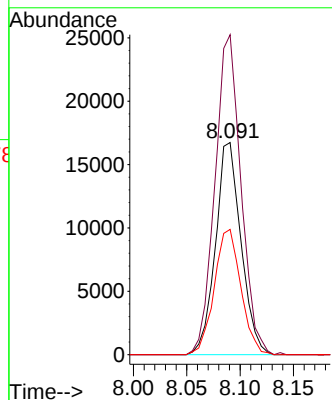
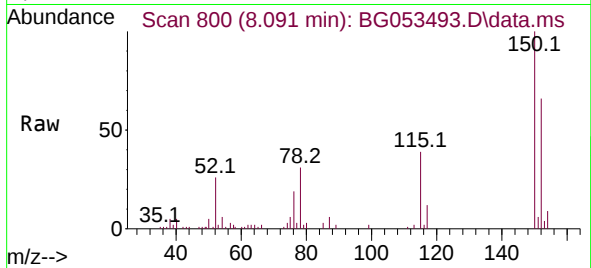




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.091 min Scan# 80
Delta R.T. -0.008 min
Lab File: BG053493.D
Acq: 9 May 2022 15:10

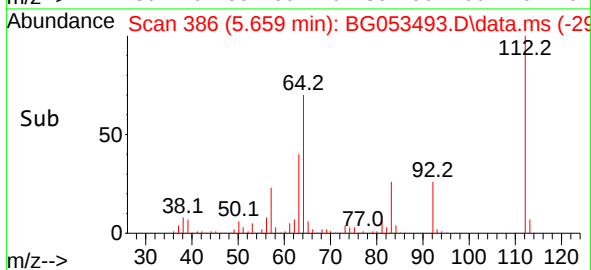
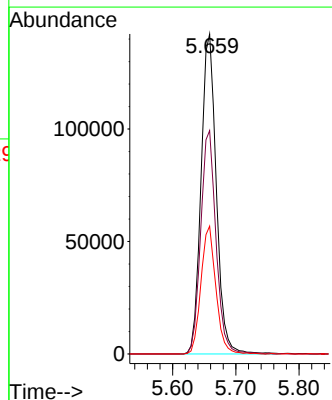
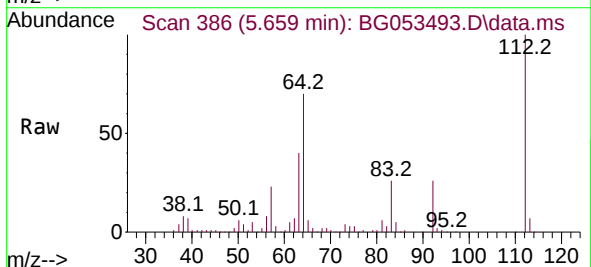
Instrument :
BNA_G
ClientSampleId :
MH-31D

Tgt Ion:152 Resp: 27845
Ion Ratio Lower Upper
152 100
150 150.9 131.6 197.4
115 59.1 50.9 76.3



#5
2-Fluorophenol
Concen: 145.406 ng
RT: 5.659 min Scan# 386
Delta R.T. -0.008 min
Lab File: BG053493.D
Acq: 9 May 2022 15:10

Tgt Ion:112 Resp: 238568
Ion Ratio Lower Upper
112 100
64 69.8 55.1 82.7
63 40.0 30.4 45.6

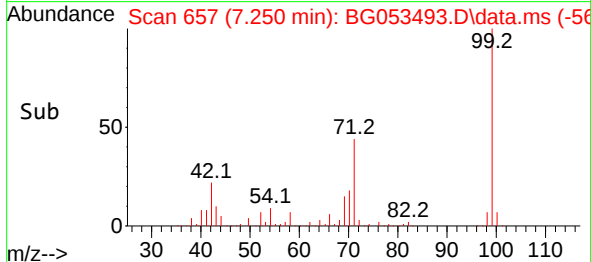
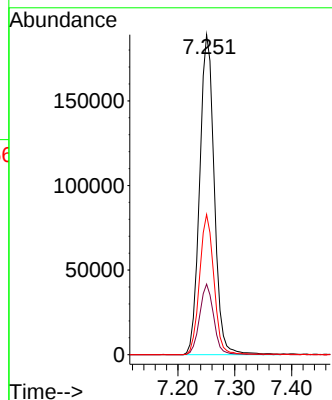
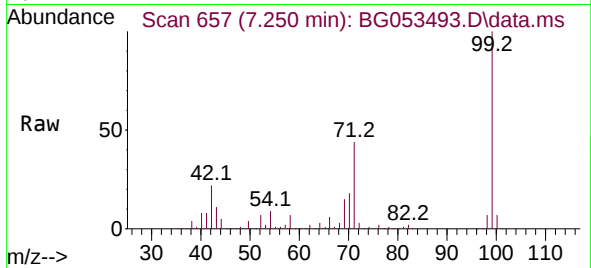




#7
Phenol-d6
Concen: 135.673 ng
RT: 7.250 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG053493.D
Acq: 9 May 2022 15:10

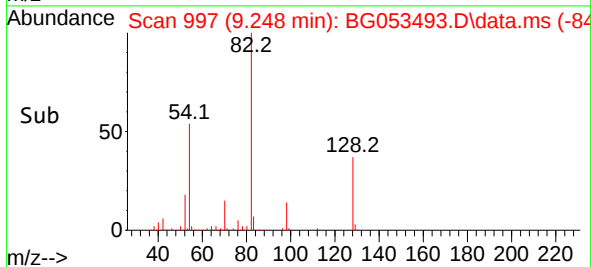
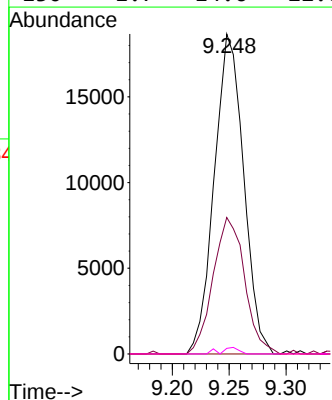
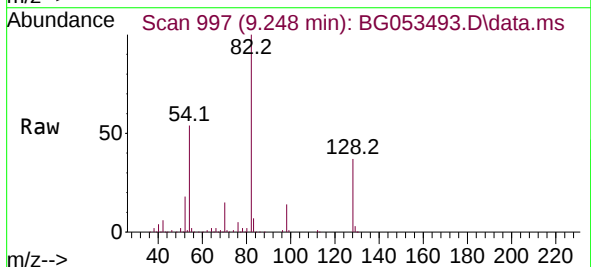
Instrument :
BNA_G
ClientSampleId :
MH-31D

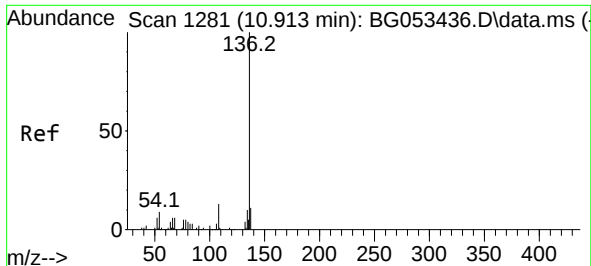
Tgt Ion: 99 Resp: 337829
Ion Ratio Lower Upper
99 100
42 22.1 17.0 25.6
71 43.8 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.728 ng
RT: 9.248 min Scan# 997
Delta R.T. 0.350 min
Lab File: BG053493.D
Acq: 9 May 2022 15:10

Tgt Ion: 70 Resp: 33459
Ion Ratio Lower Upper
70 100
42 42.7 47.3 70.9#
101 0.0 7.0 10.4#
130 1.7 14.6 22.0#

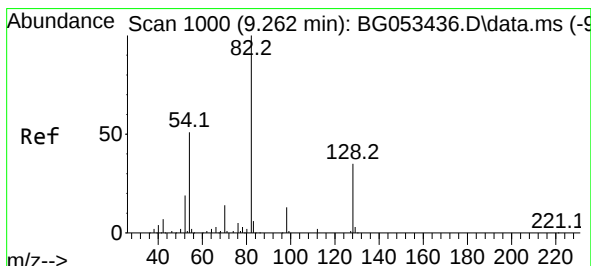
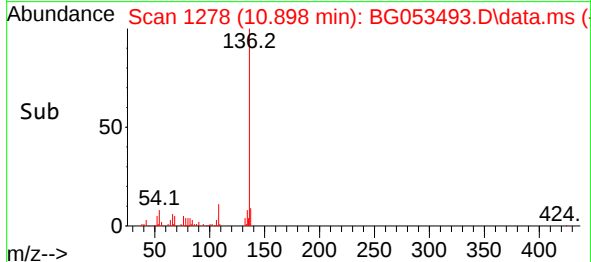
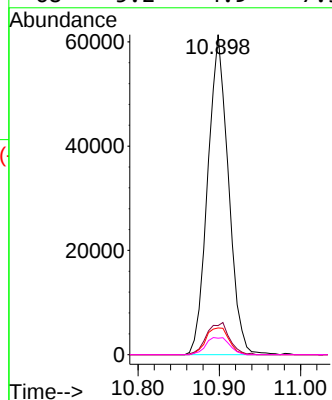
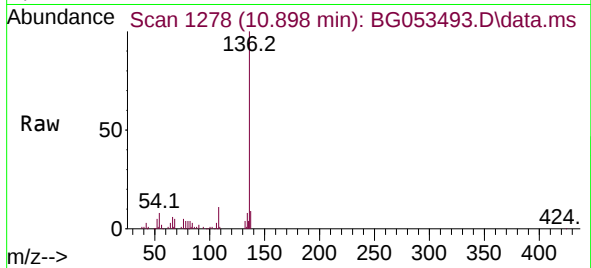




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 1083
Delta R.T. -0.015 min
Lab File: BG053493.D
Acq: 9 May 2022 15:10

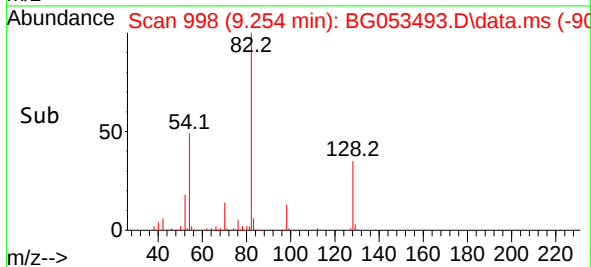
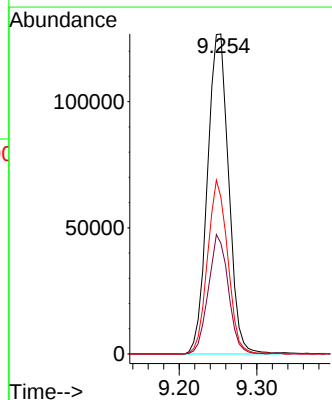
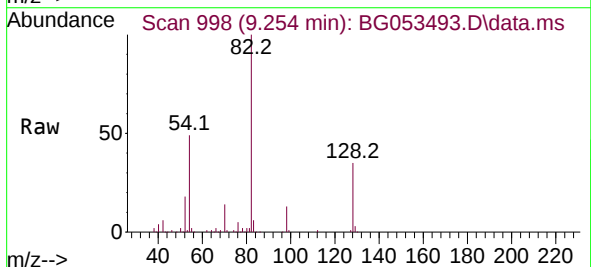
Instrument :
BNA_G
ClientSampleId :
MH-31D

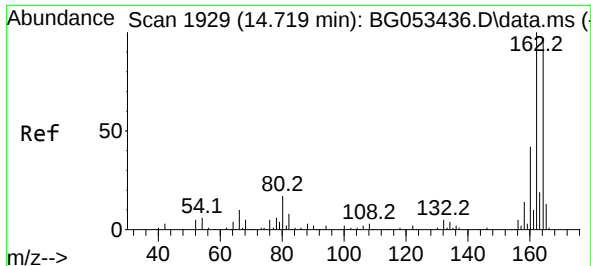
Tgt Ion:	136	Resp:	108351
Ion Ratio	Lower	Upper	
136	100		
137	9.1	8.5	12.7
54	8.3	7.4	11.2
68	5.2	4.9	7.3



#23
Nitrobenzene-d5
Concen: 94.718 ng
RT: 9.254 min Scan# 998
Delta R.T. -0.008 min
Lab File: BG053493.D
Acq: 9 May 2022 15:10

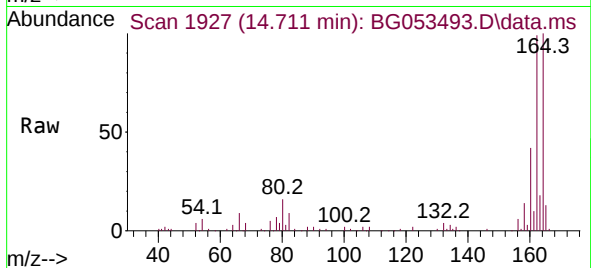
Tgt Ion:	82	Resp:	241089
Ion Ratio	Lower	Upper	
82	100		
128	34.7	27.9	41.9
54	49.0	41.2	61.8



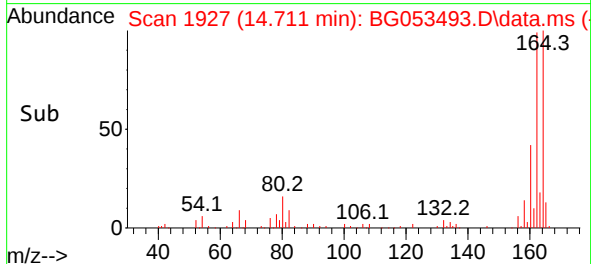
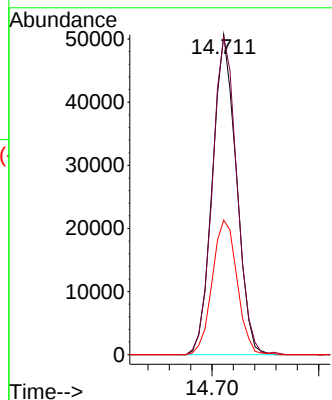


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.711 min Scan# 1927
Delta R.T. -0.008 min
Lab File: BG053493.D
Acq: 9 May 2022 15:10

Instrument :
BNA_G
ClientSampleId :
MH-31D

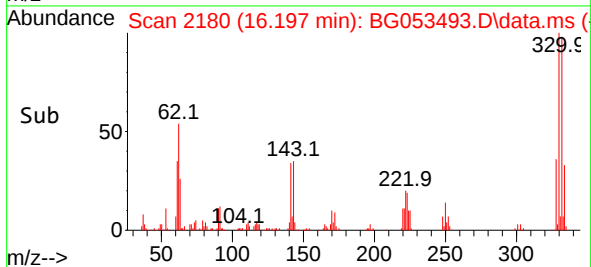
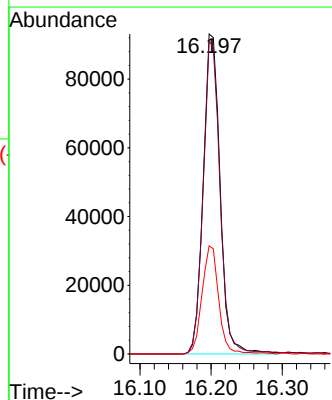
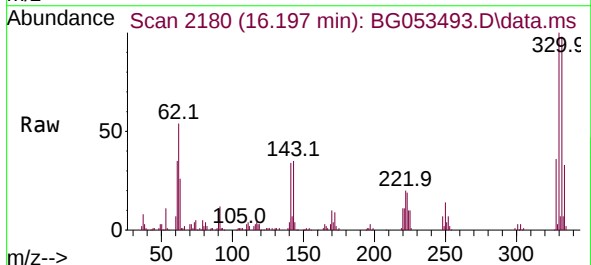


Tgt Ion:164 Resp: 78838
Ion Ratio Lower Upper
164 100
162 99.2 82.3 123.5
160 42.1 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 132.619 ng
RT: 16.197 min Scan# 2180
Delta R.T. -0.014 min
Lab File: BG053493.D
Acq: 9 May 2022 15:10

Tgt Ion:330 Resp: 154205
Ion Ratio Lower Upper
330 100
332 97.8 76.0 114.0
141 33.4 27.1 40.7

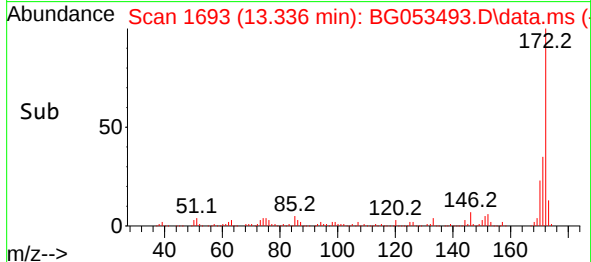
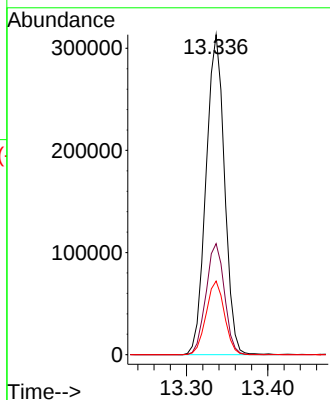
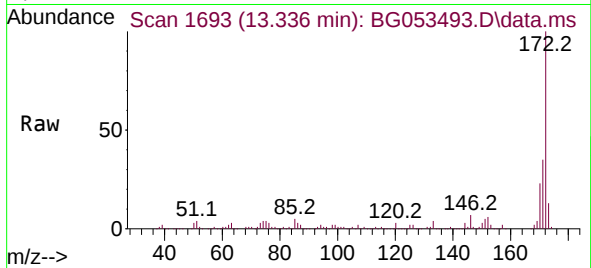




#45
2-Fluorobiphenyl
Concen: 91.487 ng
RT: 13.336 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053493.D
Acq: 9 May 2022 15:10

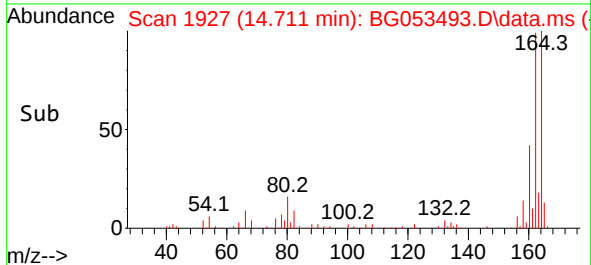
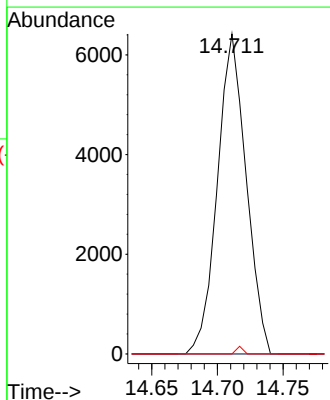
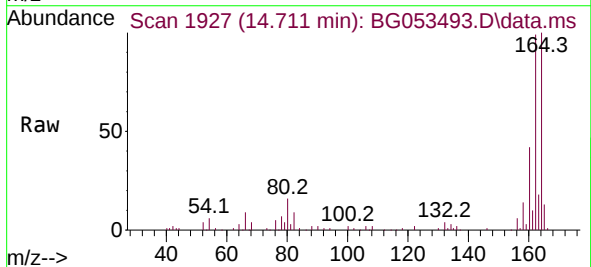
Instrument :
BNA_G
ClientSampleId :
MH-31D

Tgt Ion:172 Resp: 493583
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 23.0 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 7.991 ng
RT: 14.711 min Scan# 1927
Delta R.T. 0.421 min
Lab File: BG053493.D
Acq: 9 May 2022 15:10

Tgt Ion:165 Resp: 9754
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

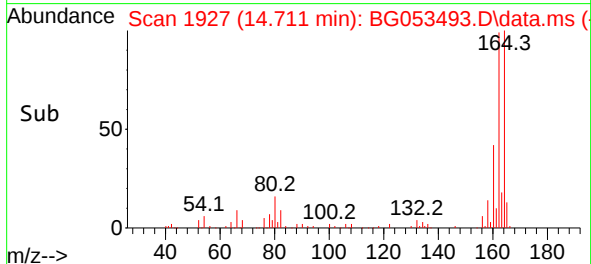
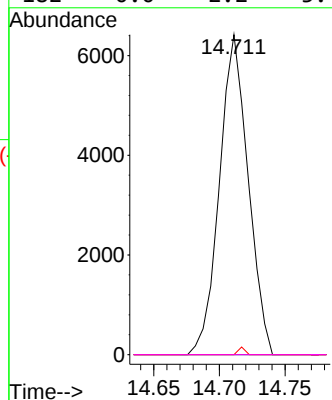
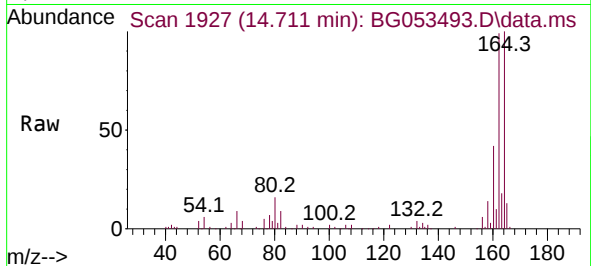




#57
2,4-Dinitrotoluene
Concen: 5.513 ng
RT: 14.711 min Scan# 1991
Delta R.T. -0.372 min
Lab File: BG053493.D
Acq: 9 May 2022 15:10

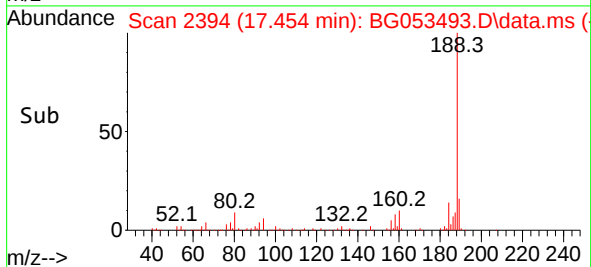
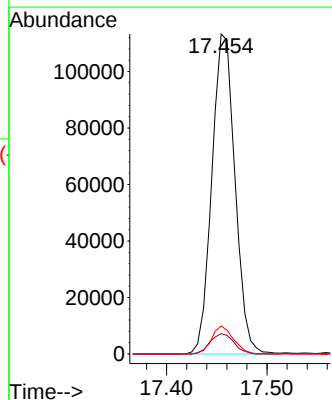
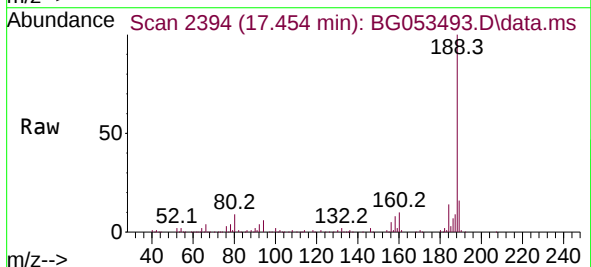
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ClientSampleId :
MH-31D

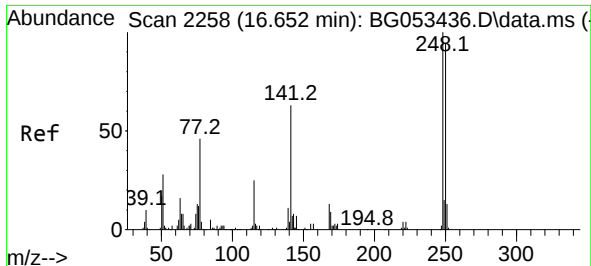
Tgt Ion:165 Resp: 9754
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.454 min Scan# 2394
Delta R.T. -0.014 min
Lab File: BG053493.D
Acq: 9 May 2022 15:10

Tgt Ion:188 Resp: 181473
Ion Ratio Lower Upper
188 100
94 6.4 5.4 8.0
80 8.7 6.8 10.2

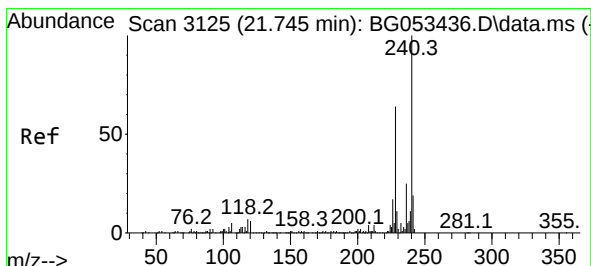
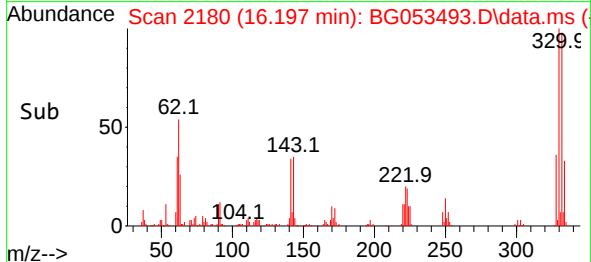
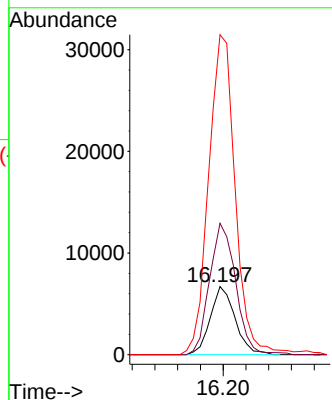
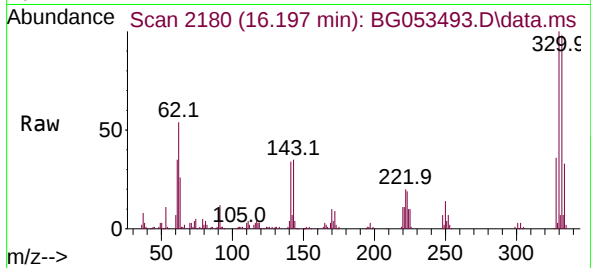




#67
4-Bromophenyl-phenylether
Concen: 4.790 ng
RT: 16.197 min Scan# 21180
Delta R.T. -0.455 min
Lab File: BG053493.D
Acq: 9 May 2022 15:10

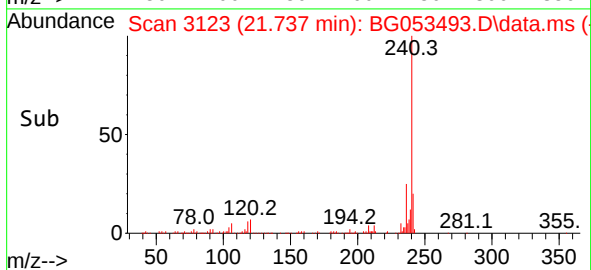
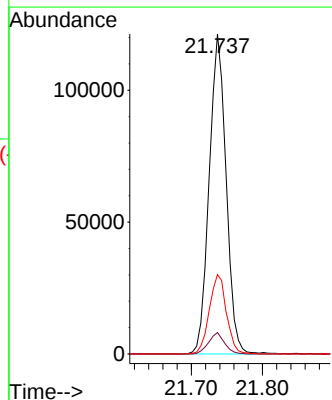
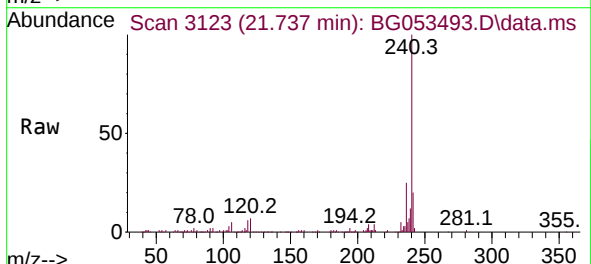
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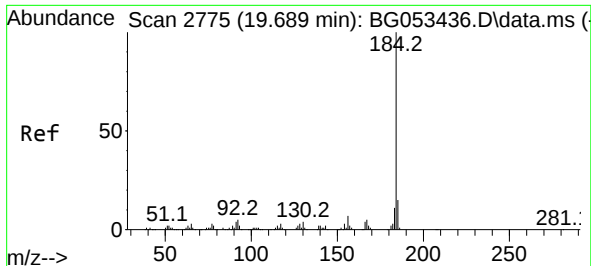
Tgt Ion:248 Resp: 10151
Ion Ratio Lower Upper
248 100
250 192.6 75.2 112.8#
141 469.2 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.737 min Scan# 3123
Delta R.T. -0.008 min
Lab File: BG053493.D
Acq: 9 May 2022 15:10

Tgt Ion:240 Resp: 200510
Ion Ratio Lower Upper
240 100
120 6.7 4.6 7.0
236 24.8 20.2 30.4

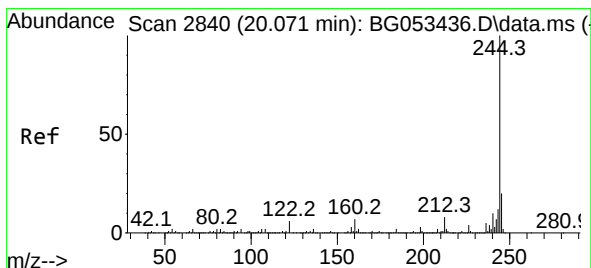
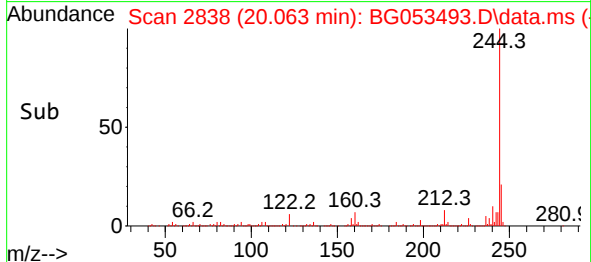
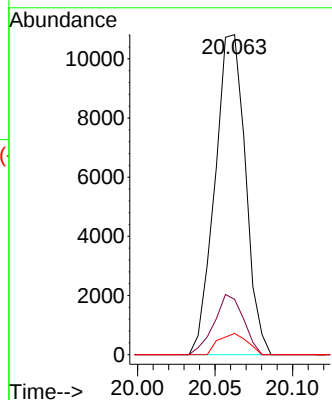
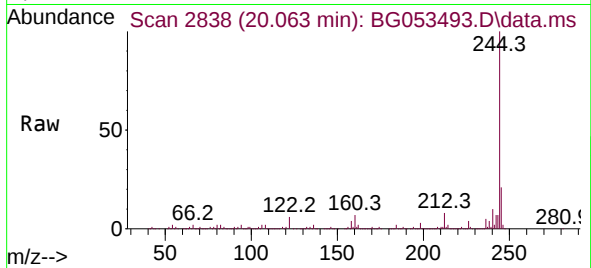




#77
Benzidine
Concen: 3.423 ng
RT: 20.063 min Scan# 2838
Delta R.T. 0.374 min
Lab File: BG053493.D
Acq: 9 May 2022 15:10

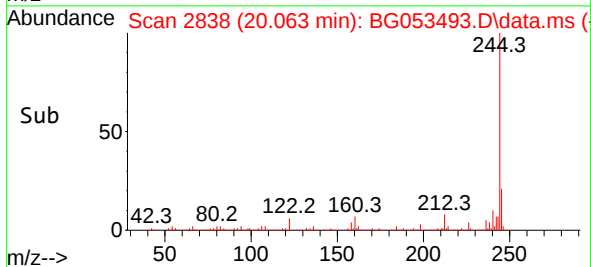
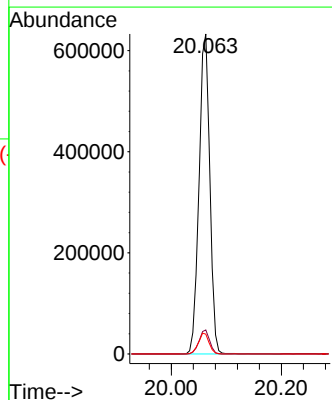
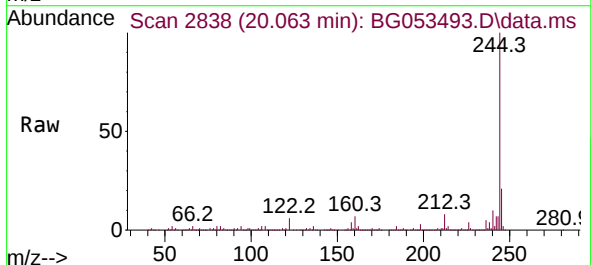
Instrument :
BNA_G
ClientSampleId :
MH-31D

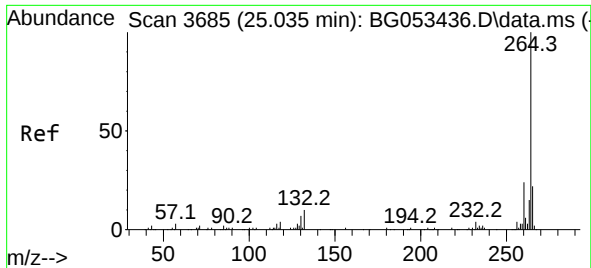
Tgt Ion:184 Resp: 14792
Ion Ratio Lower Upper
184 100
185 17.3 11.8 17.6
183 6.6 8.9 13.3#



#79
Terphenyl-d14
Concen: 79.887 ng
RT: 20.063 min Scan# 2838
Delta R.T. -0.008 min
Lab File: BG053493.D
Acq: 9 May 2022 15:10

Tgt Ion:244 Resp: 860044
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 6.2 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.021 min Scan# 30
 Delta R.T. -0.014 min
 Lab File: BG053493.D
 Acq: 9 May 2022 15:10

Instrument :
 BNA_G
 ClientSampleId :
 MH-31D

Tgt Ion:264 Resp: 205921
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 21.2 17.4 26.2

