

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070722\
 Data File : BG054235.D
 Acq On : 7 Jul 2022 21:47
 Operator : CG/JU
 Sample : N3617-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-03

Quant Time: Jul 08 03:18:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

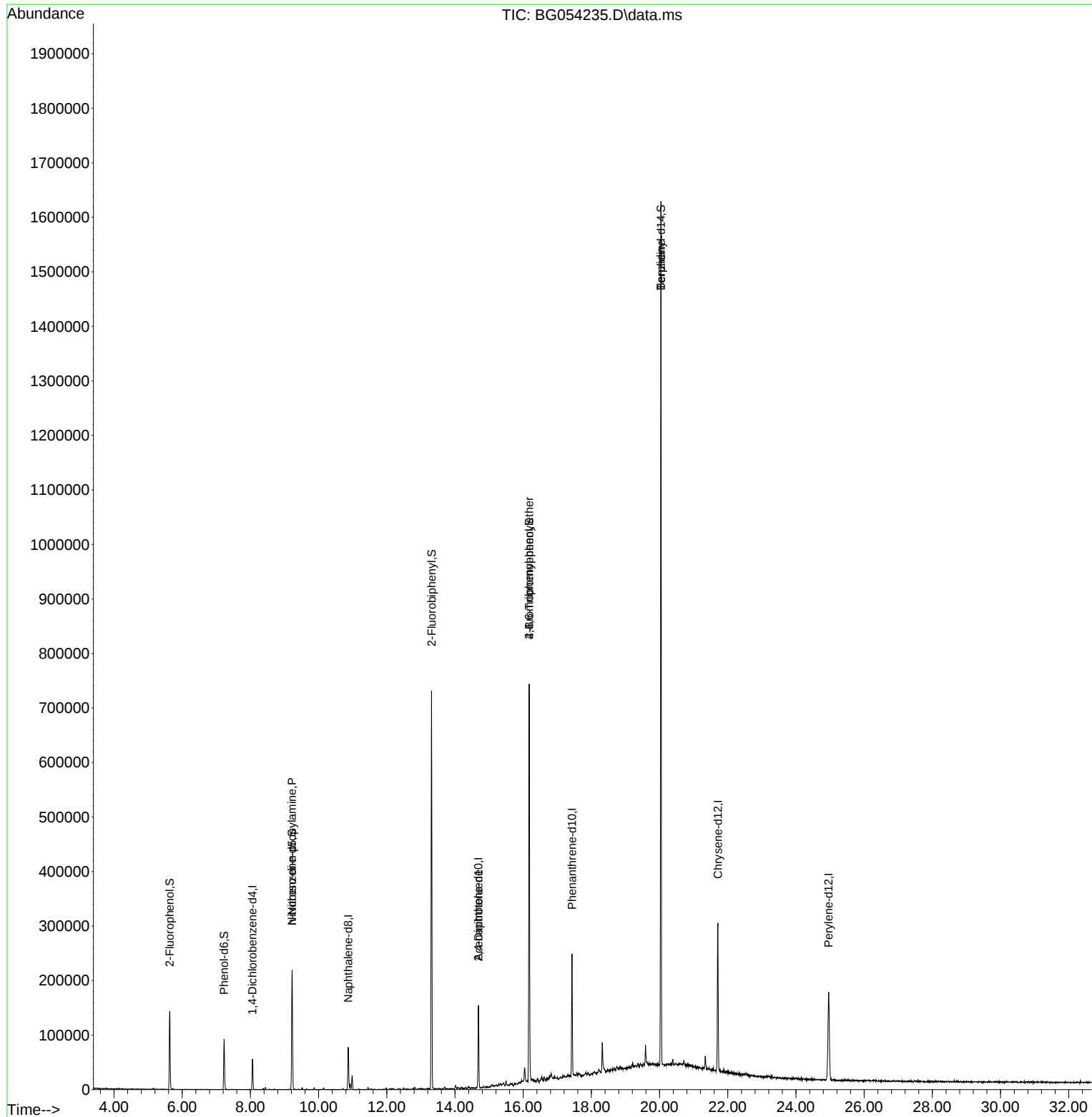
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.060	152	18188	20.000	ng	-0.01
21) Naphthalene-d8	10.868	136	70323	20.000	ng	#-0.01
39) Acenaphthene-d10	14.687	164	57167	20.000	ng	-0.01
64) Phenanthrene-d10	17.431	188	156374	20.000	ng	#-0.01
76) Chrysene-d12	21.709	240	187489	20.000	ng	-0.01
86) Perylene-d12	24.958	264	195213	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.633	112	66716	70.131	ng	0.00
7) Phenol-d6	7.226	99	57351	44.441	ng	0.00
23) Nitrobenzene-d5	9.223	82	140552	112.317	ng	-0.01
42) 2,4,6-Tribromophenol	16.174	330	192514	209.599	ng	-0.01
45) 2-Fluorobiphenyl	13.313	172	417970	106.317	ng	-0.01
79) Terphenyl-d14	20.040	244	898045	96.472	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.223	70	19387	22.361	ng	# 79
57) 2,4-Dinitrotoluene	14.687	165	7925	6.379	ng	# 21
67) 4-Bromophenyl-phenylether	16.174	248	12074	6.182	ng	# 1
77) Benzidine	20.040	184	12421	3.199	ng	95

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

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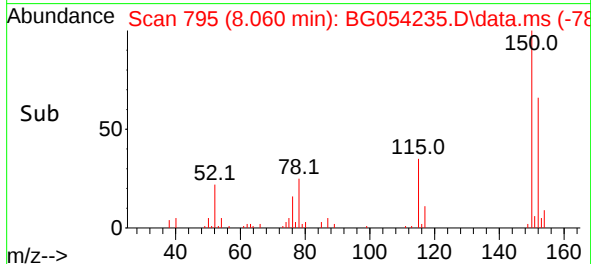
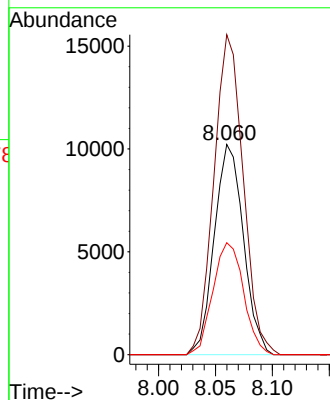
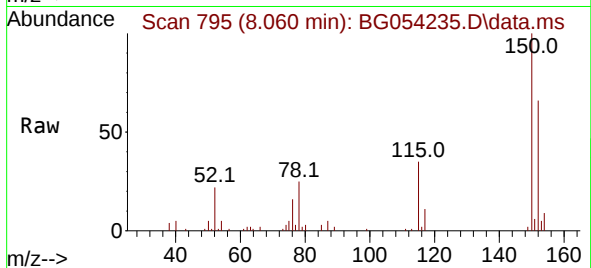




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.060 min Scan# 79
Delta R.T. -0.010 min
Lab File: BG054235.D
Acq: 7 Jul 2022 21:47

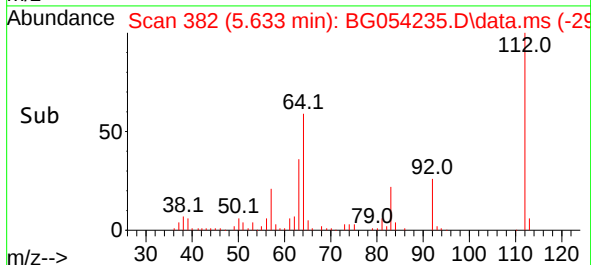
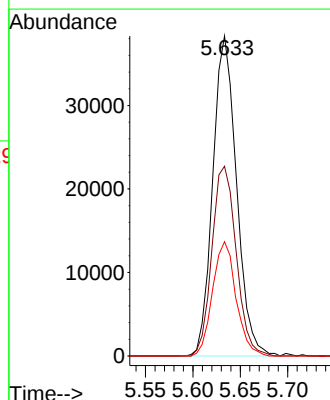
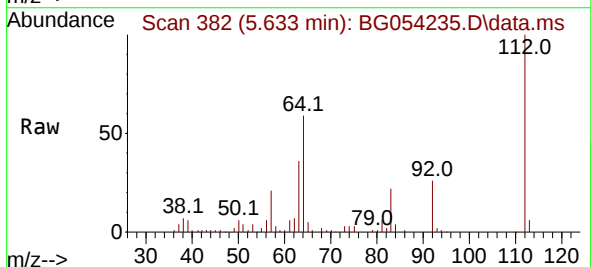
Instrument :
BNA_G
ClientSampleId :
MW-03

Tgt Ion:152 Resp: 18188
Ion Ratio Lower Upper
152 100
150 152.2 131.6 197.4
115 53.3 50.9 76.3



#5
2-Fluorophenol
Concen: 70.131 ng
RT: 5.633 min Scan# 382
Delta R.T. -0.005 min
Lab File: BG054235.D
Acq: 7 Jul 2022 21:47

Tgt Ion:112 Resp: 66716
Ion Ratio Lower Upper
112 100
64 59.3 55.1 82.7
63 35.7 30.4 45.6

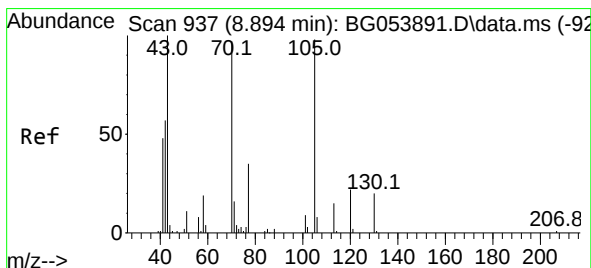
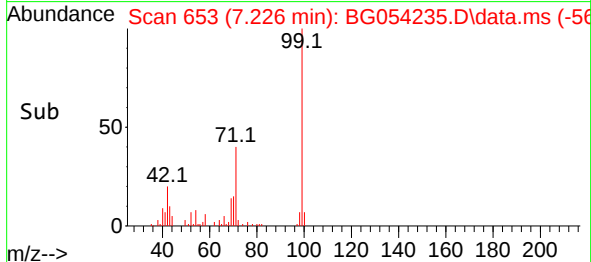
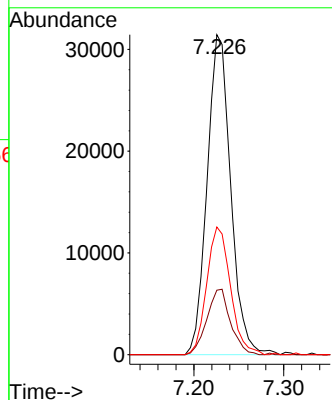
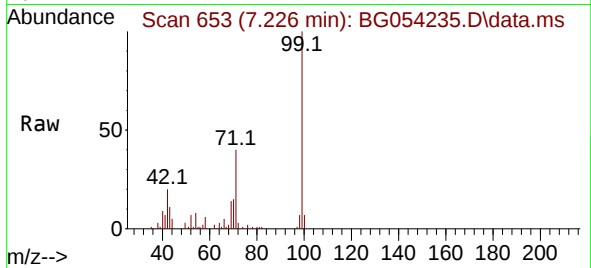




#7
Phenol-d6
Concen: 44.441 ng
RT: 7.226 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG054235.D
Acq: 7 Jul 2022 21:47

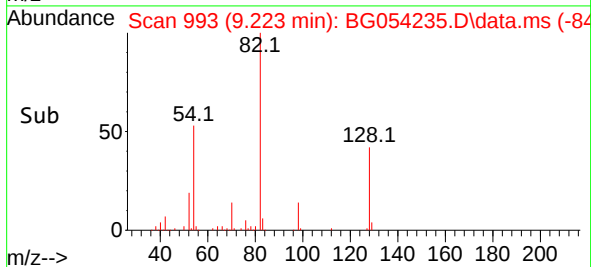
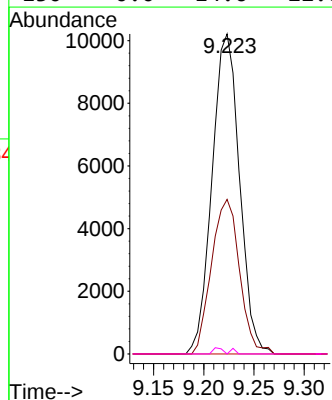
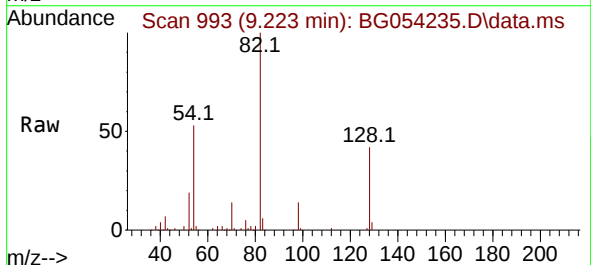
Instrument :
BNA_G
ClientSampleId :
MW-03

Tgt Ion: 99 Resp: 57351
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.6
71 39.9 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 22.361 ng
RT: 9.223 min Scan# 993
Delta R.T. 0.348 min
Lab File: BG054235.D
Acq: 7 Jul 2022 21:47

Tgt Ion: 70 Resp: 19387
Ion Ratio Lower Upper
70 100
42 48.3 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

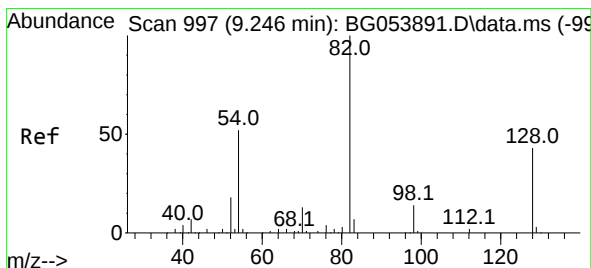
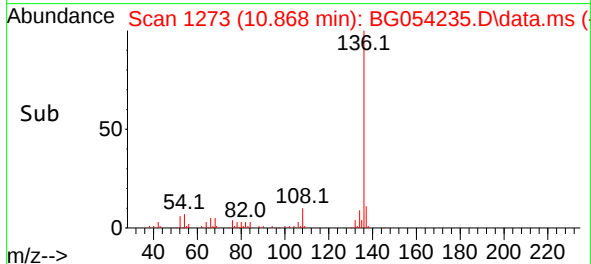
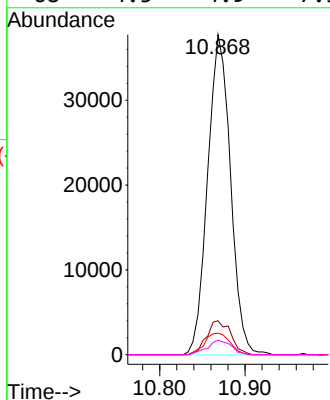
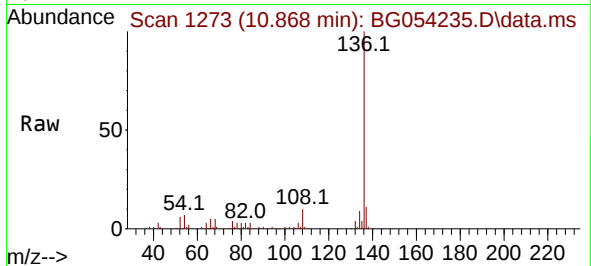




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.868 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG054235.D
Acq: 7 Jul 2022 21:47

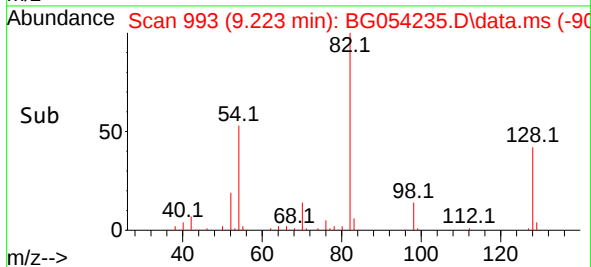
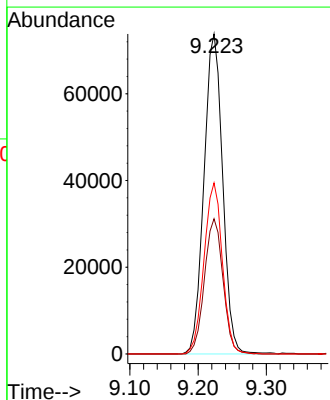
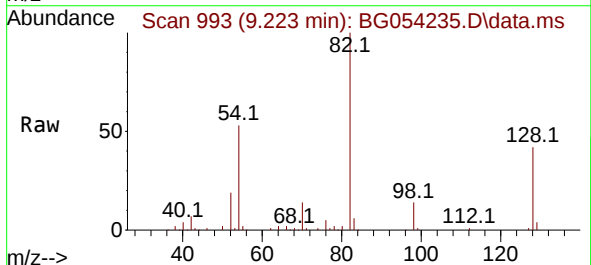
Instrument :
BNA_G
ClientSampleId :
MW-03

Tgt Ion:	136	Resp:	70323
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.5	12.7
54	6.7	7.4	11.2#
68	4.5	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 112.317 ng
RT: 9.223 min Scan# 993
Delta R.T. -0.011 min
Lab File: BG054235.D
Acq: 7 Jul 2022 21:47

Tgt Ion:	82	Resp:	140552
Ion Ratio	Lower	Upper	
82	100		
128	42.3	27.9	41.9#
54	53.5	41.2	61.8

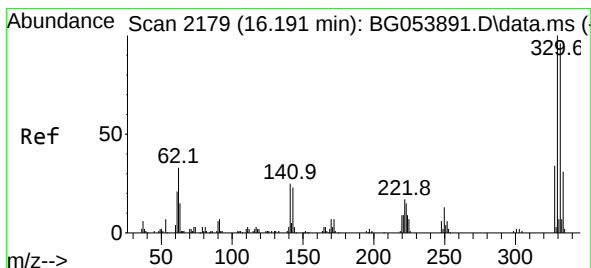
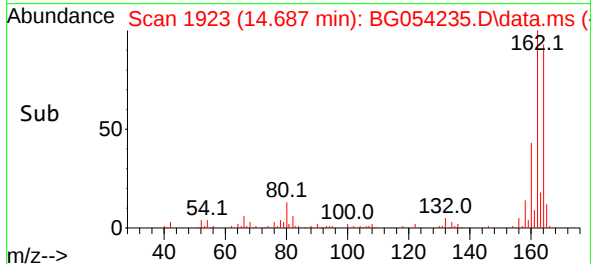
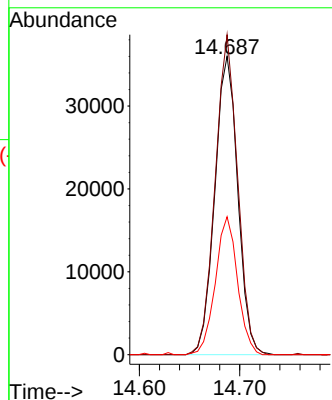
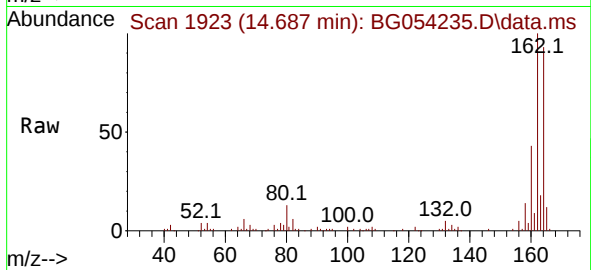




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.687 min Scan# 1923
Delta R.T. -0.011 min
Lab File: BG054235.D
Acq: 7 Jul 2022 21:47

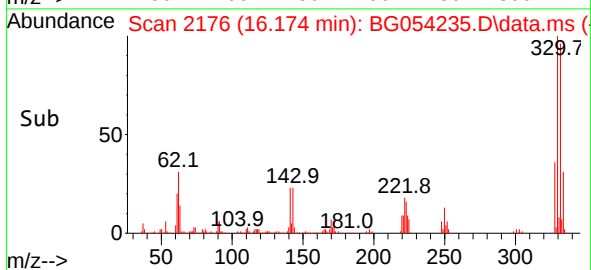
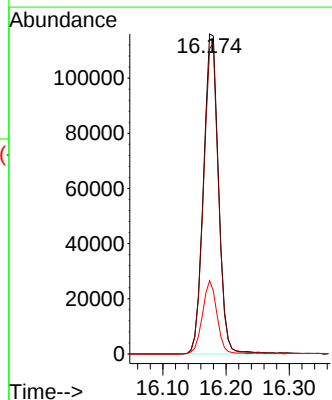
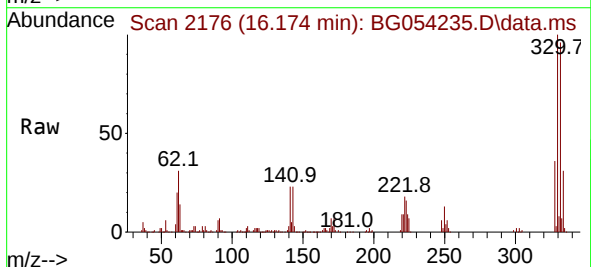
Instrument :
BNA_G
ClientSampleId :
MW-03

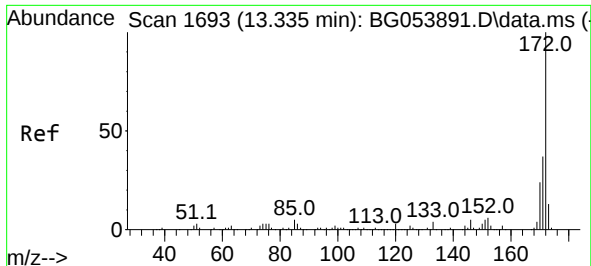
Tgt Ion:164 Resp: 57167
Ion Ratio Lower Upper
164 100
162 107.2 82.3 123.5
160 46.2 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 209.599 ng
RT: 16.174 min Scan# 2176
Delta R.T. -0.011 min
Lab File: BG054235.D
Acq: 7 Jul 2022 21:47

Tgt Ion:330 Resp: 192514
Ion Ratio Lower Upper
330 100
332 96.5 76.0 114.0
141 22.2 27.1 40.7#

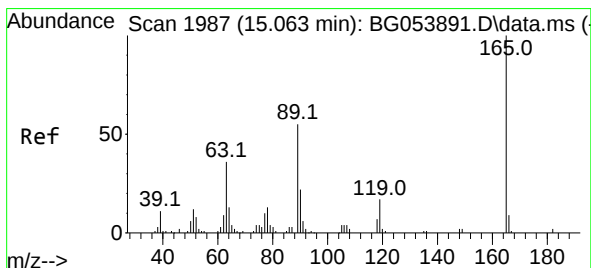
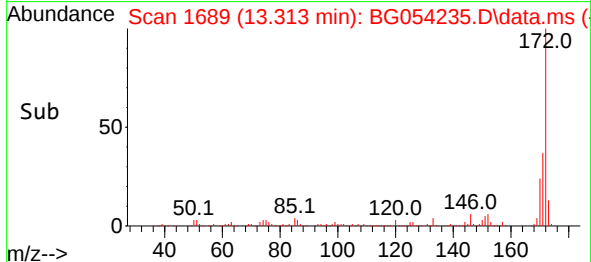
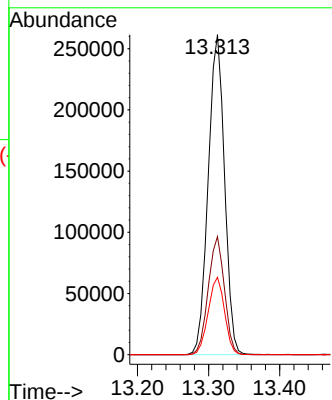
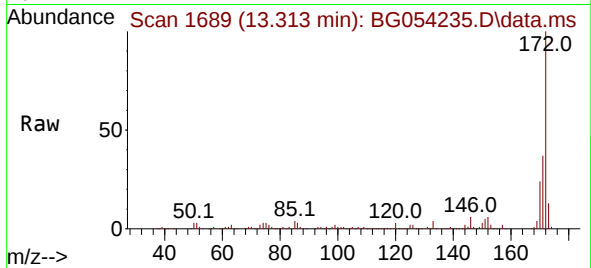




#45
2-Fluorobiphenyl
Concen: 106.317 ng
RT: 13.313 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG054235.D
Acq: 7 Jul 2022 21:47

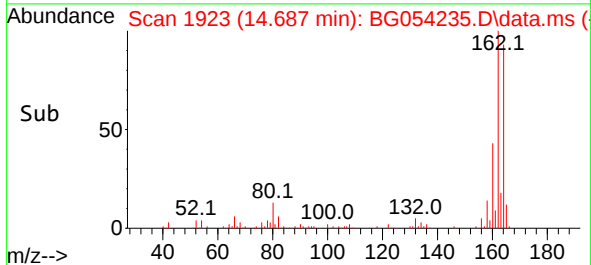
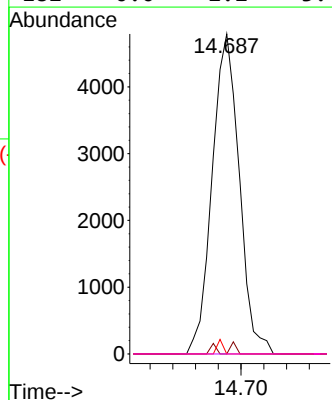
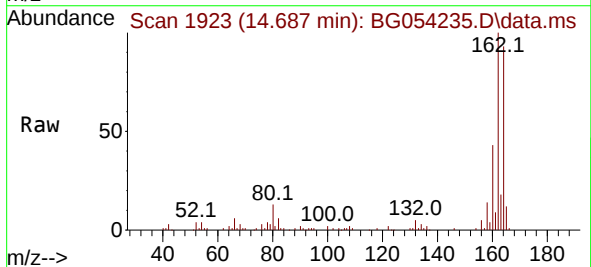
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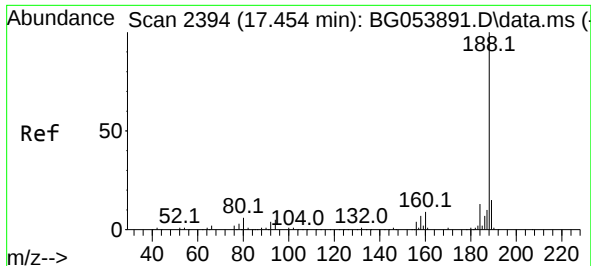
Tgt Ion:172 Resp: 417970
Ion Ratio Lower Upper
172 100
171 36.9 28.5 42.7
170 24.2 18.9 28.3



#57
2,4-Dinitrotoluene
Concen: 6.379 ng
RT: 14.687 min Scan# 1923
Delta R.T. -0.363 min
Lab File: BG054235.D
Acq: 7 Jul 2022 21:47

Tgt Ion:165 Resp: 7925
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#

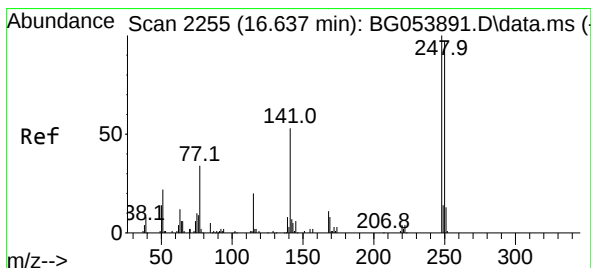
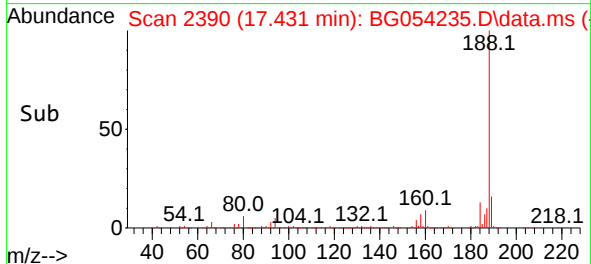
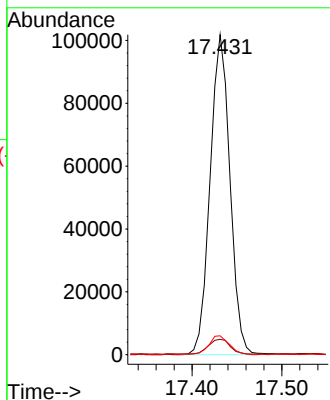
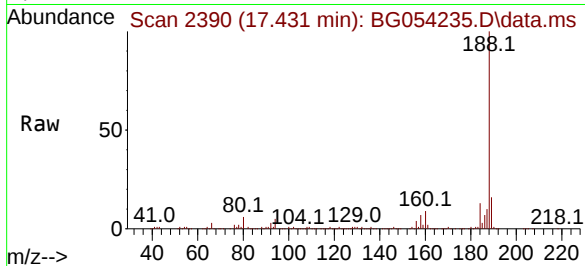




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.431 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG054235.D
Acq: 7 Jul 2022 21:47

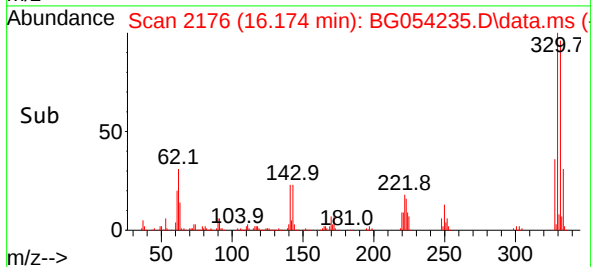
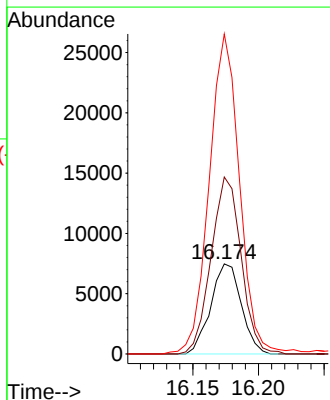
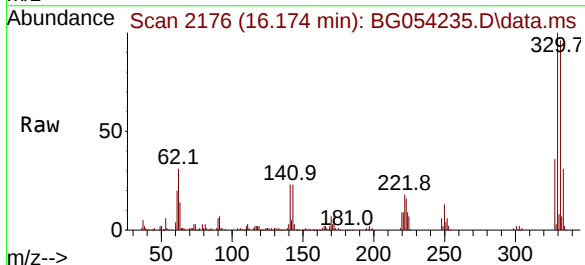
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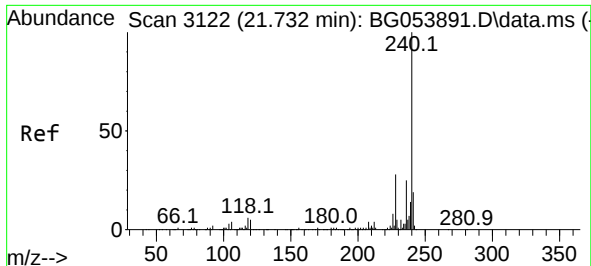
Tgt Ion:188 Resp: 156374
Ion Ratio Lower Upper
188 100
94 4.8 5.4 8.0#
80 5.9 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 6.182 ng
RT: 16.174 min Scan# 2176
Delta R.T. -0.451 min
Lab File: BG054235.D
Acq: 7 Jul 2022 21:47

Tgt Ion:248 Resp: 12074
Ion Ratio Lower Upper
248 100
250 196.4 75.2 112.8#
141 355.1 50.0 75.0#

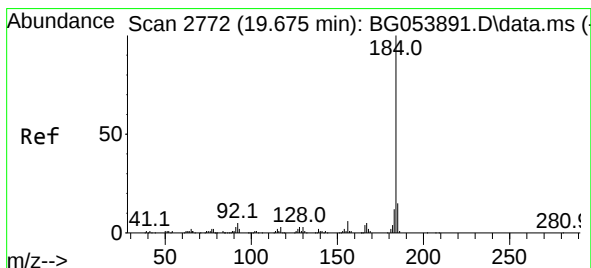
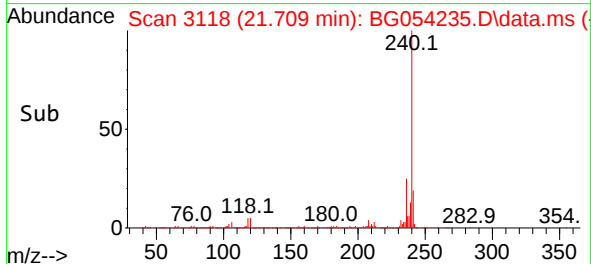
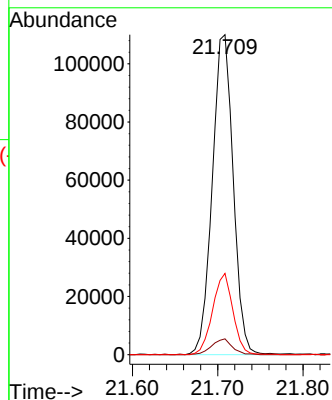
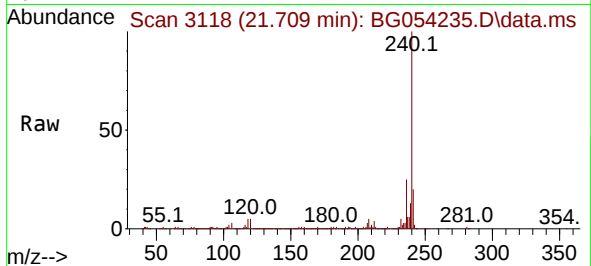




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.709 min Scan# 3118
Delta R.T. -0.011 min
Lab File: BG054235.D
Acq: 7 Jul 2022 21:47

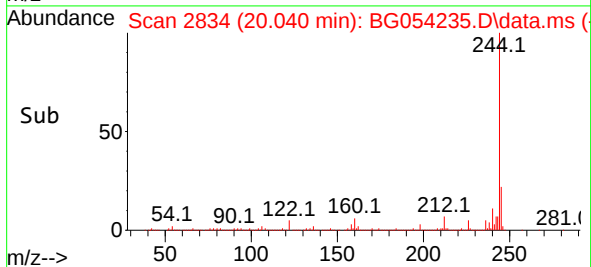
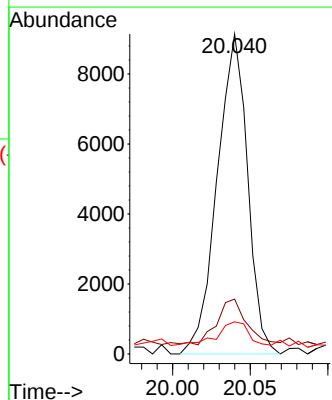
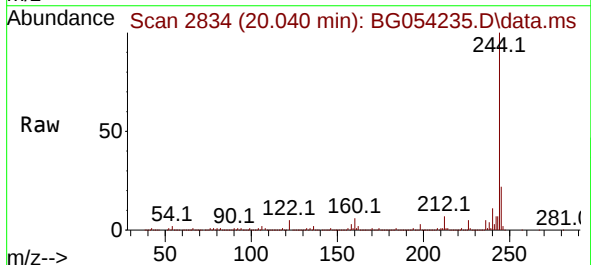
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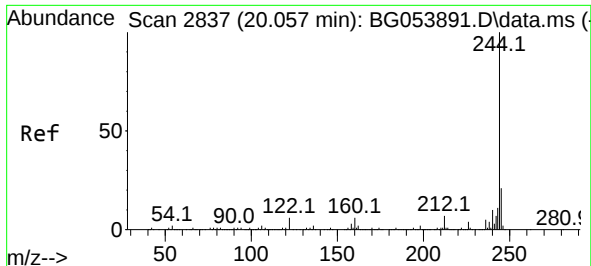
Tgt Ion:240 Resp: 187489
Ion Ratio Lower Upper
240 100
120 5.0 4.6 7.0
236 25.4 20.2 30.4



#77
Benzidine
Concen: 3.199 ng
RT: 20.040 min Scan# 2834
Delta R.T. 0.377 min
Lab File: BG054235.D
Acq: 7 Jul 2022 21:47

Tgt Ion:184 Resp: 12421
Ion Ratio Lower Upper
184 100
185 17.1 11.8 17.6
183 10.1 8.9 13.3

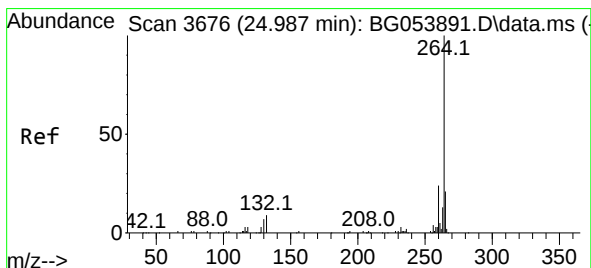
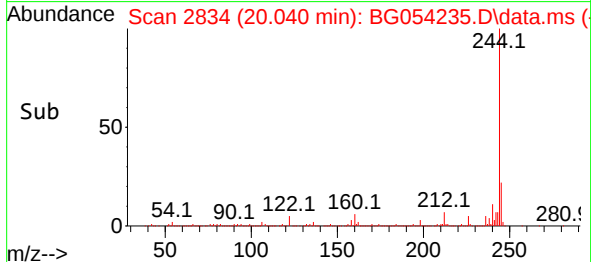
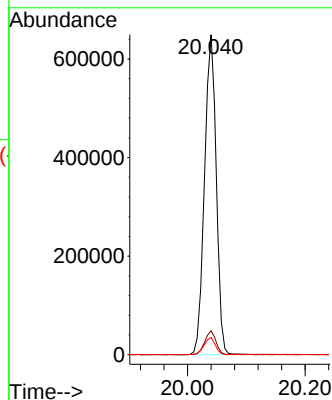
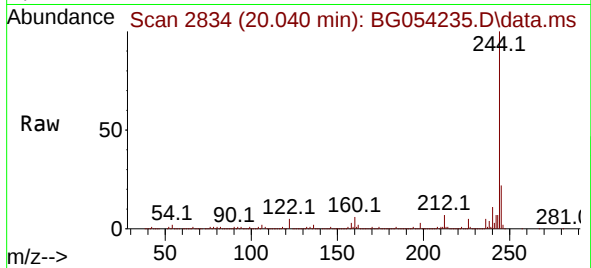




#79
 Terphenyl-d14
 Concen: 96.472 ng
 RT: 20.040 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG054235.D
 Acq: 7 Jul 2022 21:47

Instrument :
 BNA_G
 ClientSampleId :
 MW-03

Tgt Ion:244 Resp: 898045
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 5.3 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.958 min Scan# 3671
 Delta R.T. -0.005 min
 Lab File: BG054235.D
 Acq: 7 Jul 2022 21:47

Tgt Ion:264 Resp: 195213
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.2 17.4 26.2

