

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070722\
 Data File : BG054236.D
 Acq On : 7 Jul 2022 22:29
 Operator : CG/JU
 Sample : N3617-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-04

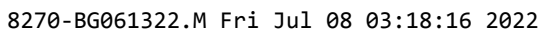
Quant Time: Jul 08 03:18:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.061	152	17219	20.000	ng	0.00
21) Naphthalene-d8	10.869	136	67936	20.000	ng	# 0.00
39) Acenaphthene-d10	14.688	164	54429	20.000	ng	0.00
64) Phenanthrene-d10	17.432	188	154924	20.000	ng	# 0.00
76) Chrysene-d12	21.704	240	189418	20.000	ng	-0.02
86) Perylene-d12	24.953	264	193938	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	58902	65.402	ng	0.00
7) Phenol-d6	7.227	99	47148	38.590	ng	0.00
23) Nitrobenzene-d5	9.224	82	129877	107.433	ng	0.00
42) 2,4,6-Tribromophenol	16.175	330	182697	208.916	ng	0.00
45) 2-Fluorobiphenyl	13.314	172	386003	103.125	ng	0.00
79) Terphenyl-d14	20.041	244	851985	90.592	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.224	70	18159	22.123	ng	# 78
51) 2,6-Dinitrotoluene	14.688	165	7287	8.701	ng	# 16
57) 2,4-Dinitrotoluene	14.688	165	7287	6.161	ng	# 21
67) 4-Bromophenyl-phenylether	16.175	248	11254	5.816	ng	# 1
77) Benzidine	20.041	184	10770	2.746	ng	# 91

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

Quant Time: Jul 08 03:18:13 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
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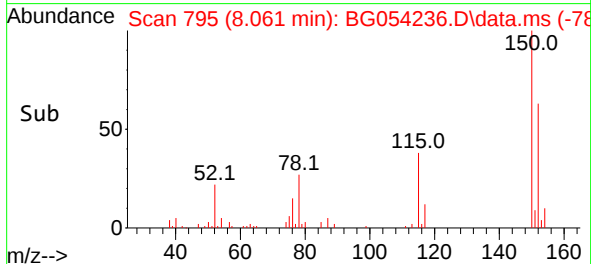
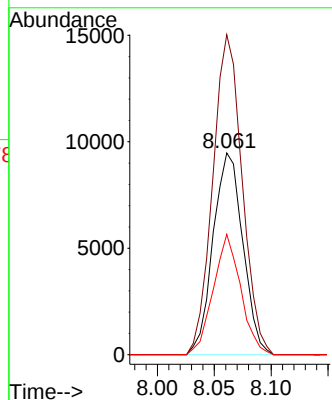
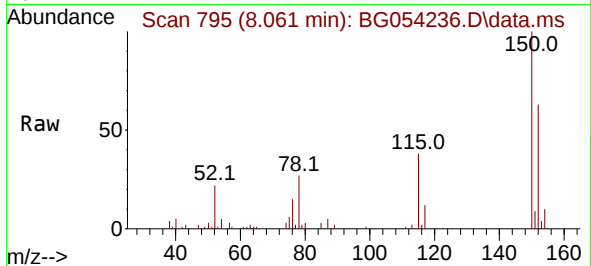




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.061 min Scan# 79
Delta R.T. -0.009 min
Lab File: BG054236.D
Acq: 7 Jul 2022 22:29

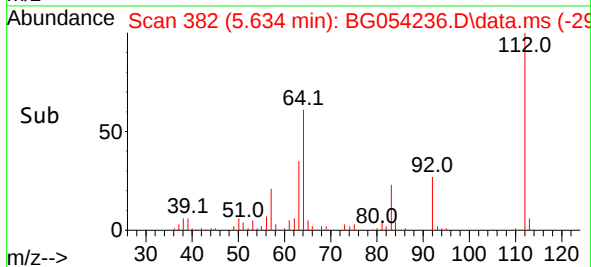
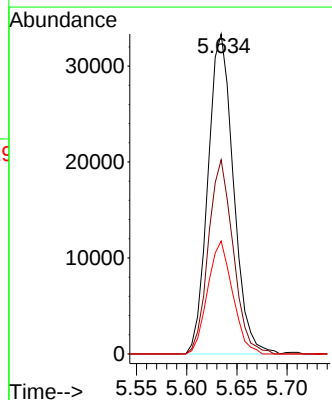
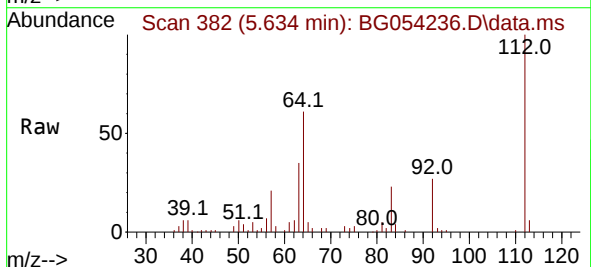
Instrument :
BNA_G
ClientSampleId :
MW-04

Tgt Ion:152 Resp: 17219
Ion Ratio Lower Upper
152 100
150 158.5 131.6 197.4
115 59.6 50.9 76.3



#5
2-Fluorophenol
Concen: 65.402 ng
RT: 5.634 min Scan# 382
Delta R.T. -0.004 min
Lab File: BG054236.D
Acq: 7 Jul 2022 22:29

Tgt Ion:112 Resp: 58902
Ion Ratio Lower Upper
112 100
64 60.7 55.1 82.7
63 35.3 30.4 45.6

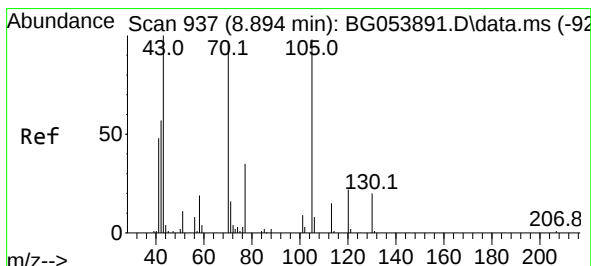
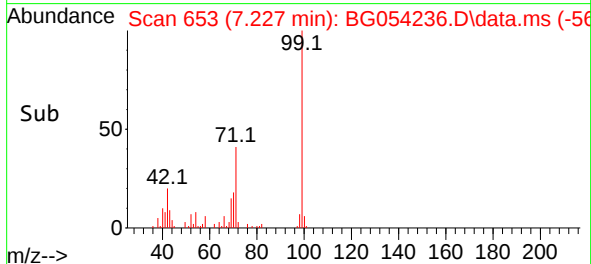
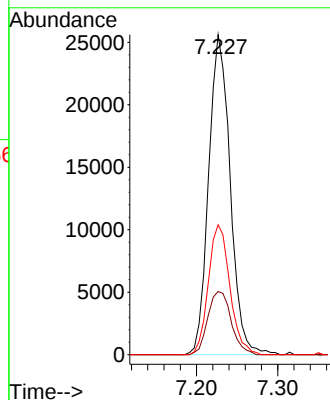
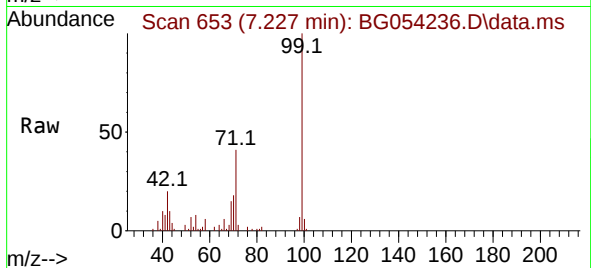




#7
Phenol-d6
Concen: 38.590 ng
RT: 7.227 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG054236.D
Acq: 7 Jul 2022 22:29

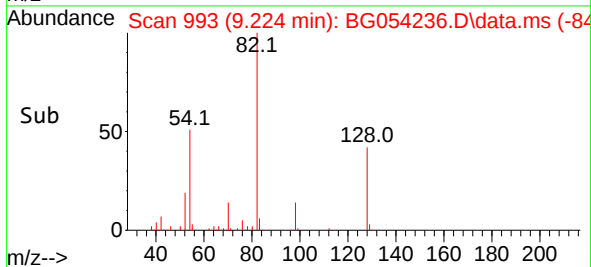
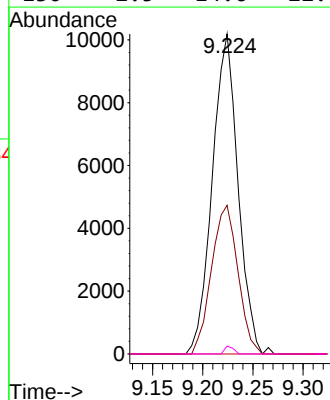
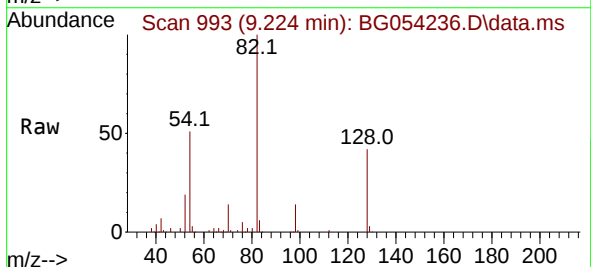
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BNA_G
ClientSampleId :
MW-04

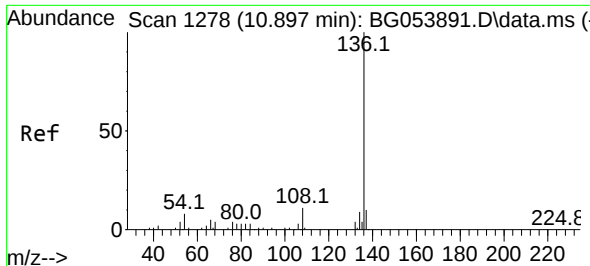
Tgt Ion: 99 Resp: 47148
Ion Ratio Lower Upper
99 100
42 19.8 17.0 25.6
71 40.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 22.123 ng
RT: 9.224 min Scan# 993
Delta R.T. 0.349 min
Lab File: BG054236.D
Acq: 7 Jul 2022 22:29

Tgt Ion: 70 Resp: 18159
Ion Ratio Lower Upper
70 100
42 46.4 47.3 70.9#
101 0.0 7.0 10.4#
130 2.5 14.6 22.0#

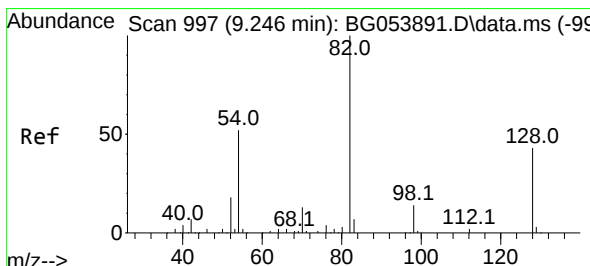
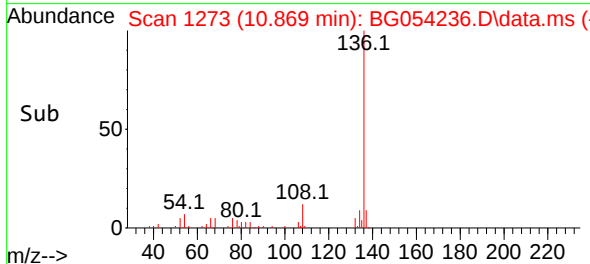
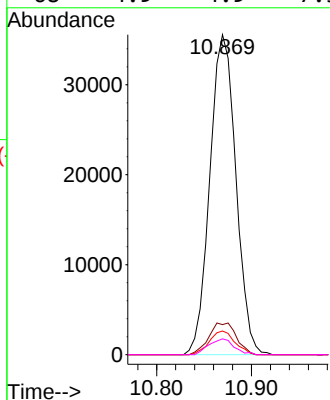
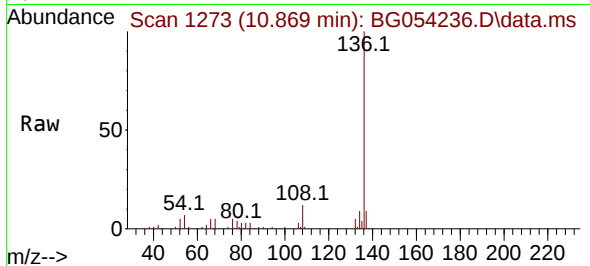




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.869 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG054236.D
Acq: 7 Jul 2022 22:29

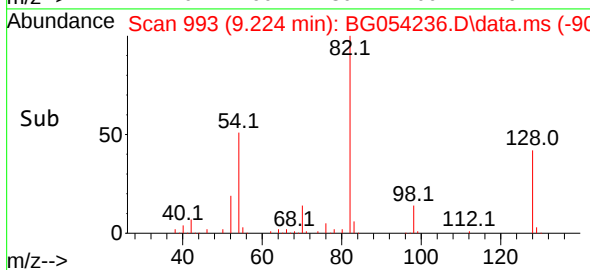
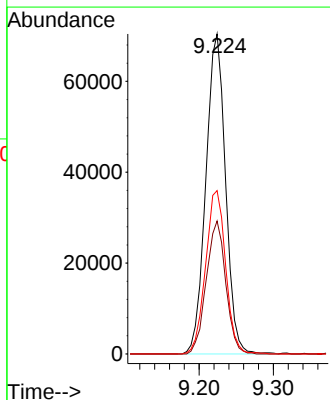
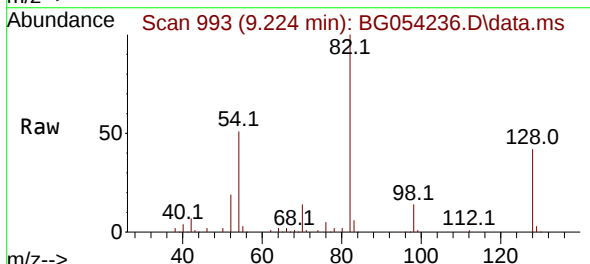
Instrument :
BNA_G
ClientSampleId :
MW-04

Tgt Ion:136	Resp:	67936
Ion Ratio	Lower	Upper
136	100	
137	9.4	8.5 12.7
54	7.4	7.4 11.2#
68	4.9	4.9 7.3



#23
Nitrobenzene-d5
Concen: 107.433 ng
RT: 9.224 min Scan# 993
Delta R.T. -0.009 min
Lab File: BG054236.D
Acq: 7 Jul 2022 22:29

Tgt Ion: 82	Resp:	129877
Ion Ratio	Lower	Upper
82	100	
128	41.5	27.9 41.9
54	51.0	41.2 61.8

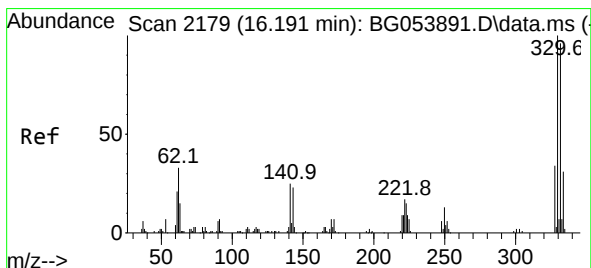
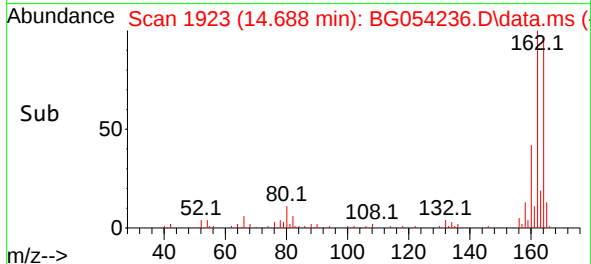
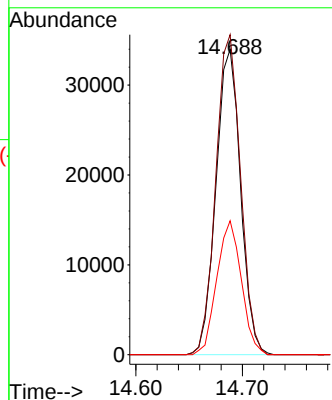
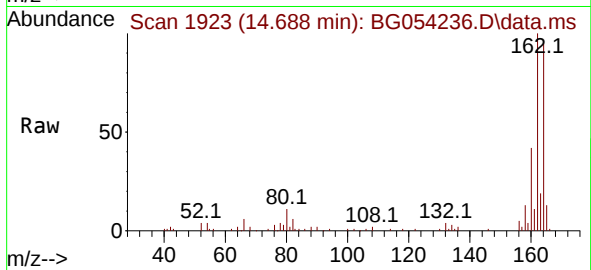




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.688 min Scan# 1923
Delta R.T. -0.009 min
Lab File: BG054236.D
Acq: 7 Jul 2022 22:29

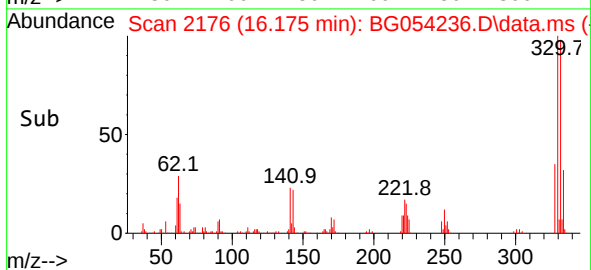
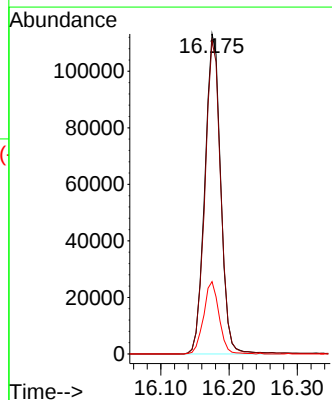
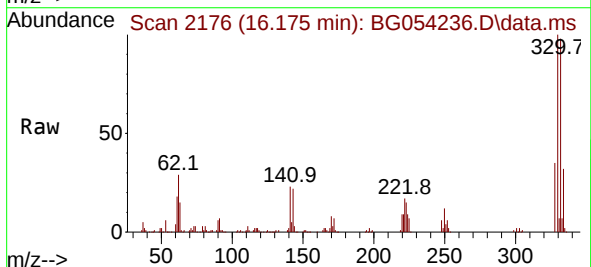
Instrument :
BNA_G
ClientSampleId :
MW-04

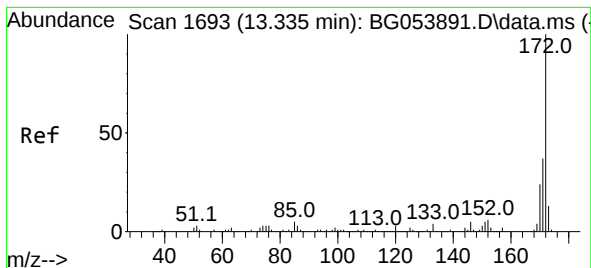
Tgt Ion:164 Resp: 54429
Ion Ratio Lower Upper
164 100
162 104.8 82.3 123.5
160 43.9 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 208.916 ng
RT: 16.175 min Scan# 2176
Delta R.T. -0.009 min
Lab File: BG054236.D
Acq: 7 Jul 2022 22:29

Tgt Ion:330 Resp: 182697
Ion Ratio Lower Upper
330 100
332 97.3 76.0 114.0
141 22.0 27.1 40.7#





#45

2-Fluorobiphenyl

Concen: 103.125 ng

RT: 13.314 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG054236.D

Acq: 7 Jul 2022 22:29

Instrument :

BNA_G

ClientSampleId :

MW-04

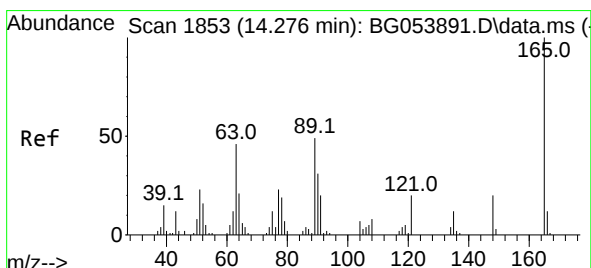
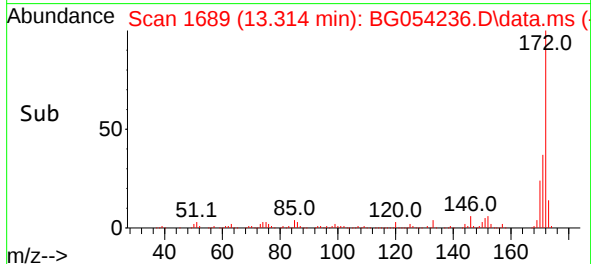
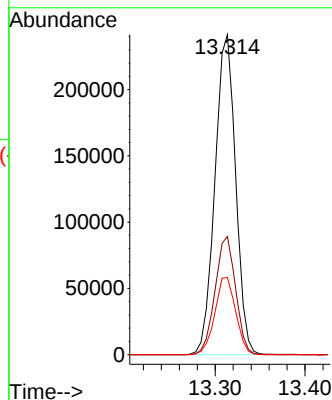
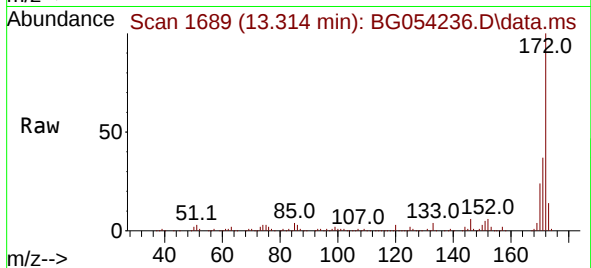
Tgt Ion:172 Resp: 386003

Ion Ratio Lower Upper

172 100

171 36.9 28.5 42.7

170 24.1 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 8.701 ng

RT: 14.688 min Scan# 1923

Delta R.T. 0.425 min

Lab File: BG054236.D

Acq: 7 Jul 2022 22:29

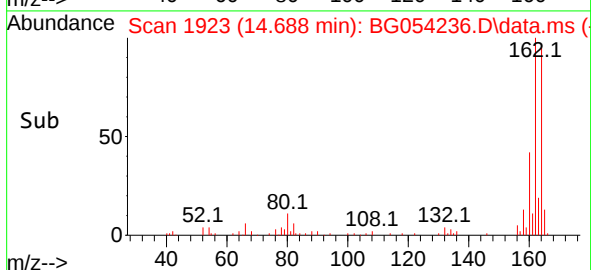
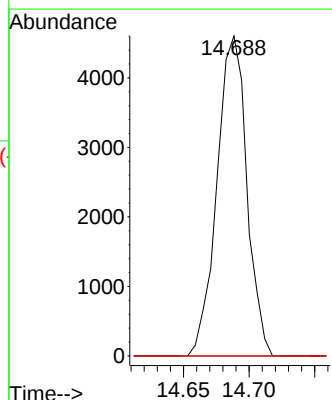
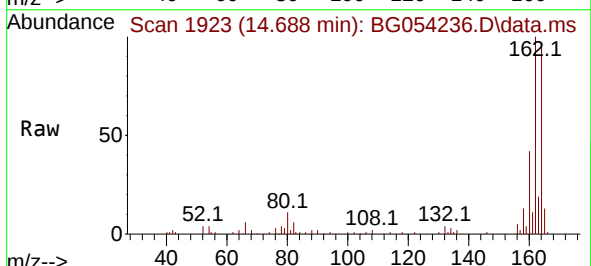
Tgt Ion:165 Resp: 7287

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: 6.161 ng

RT: 14.688 min Scan# 1987

Delta R.T. -0.362 min

Lab File: BG054236.D

Acq: 7 Jul 2022 22:29

Instrument :

BNA_G

ClientSampleId :

MW-04

Tgt Ion:165 Resp: 7287

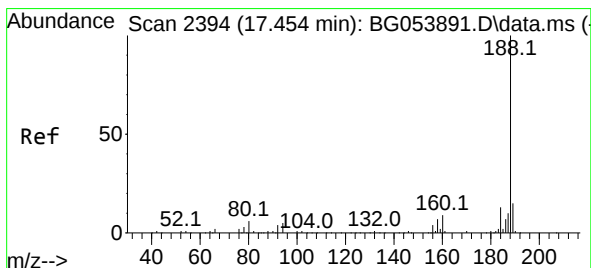
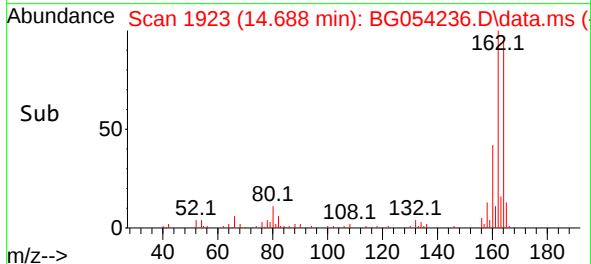
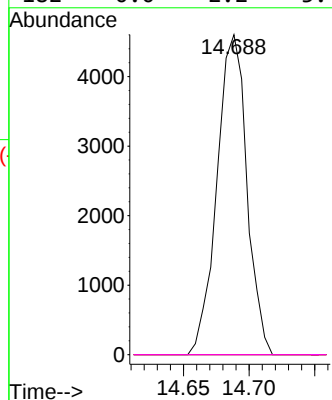
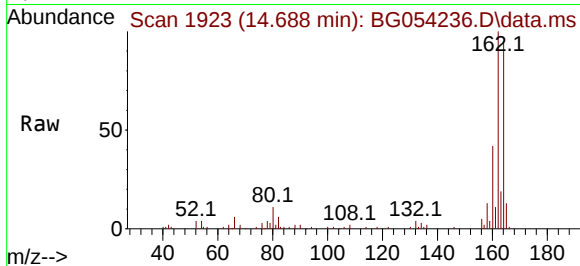
Ion Ratio Lower Upper

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: 17.432 min Scan# 2390

Delta R.T. -0.009 min

Lab File: BG054236.D

Acq: 7 Jul 2022 22:29

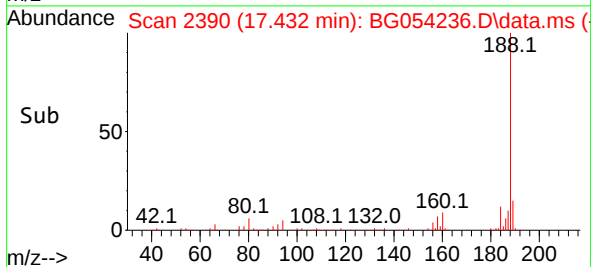
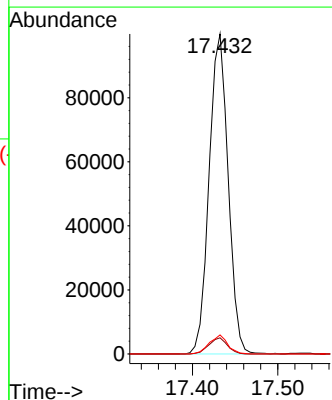
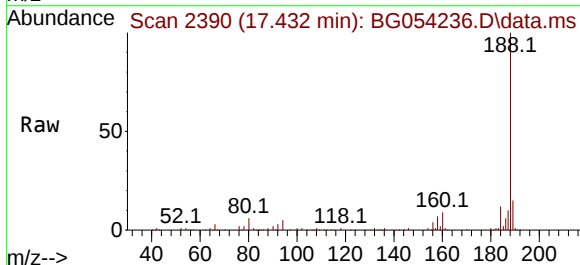
Tgt Ion:188 Resp: 154924

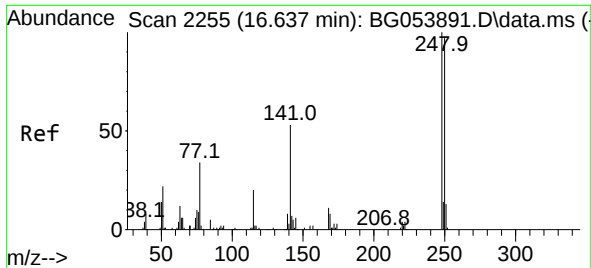
Ion Ratio Lower Upper

188 100

94 5.0 5.4 8.0#

80 5.9 6.8 10.2#

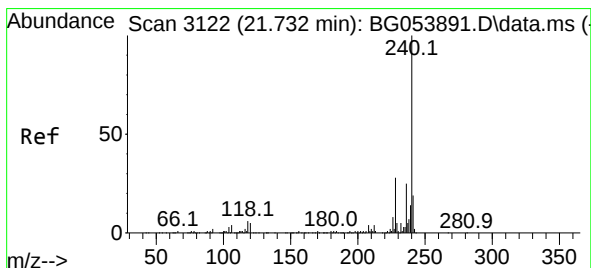
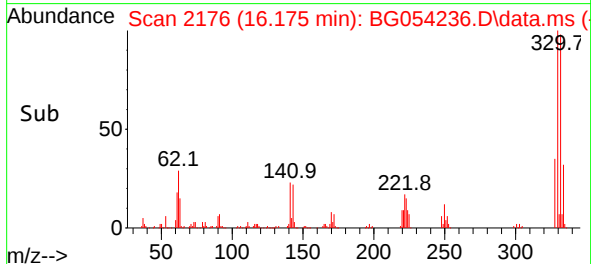
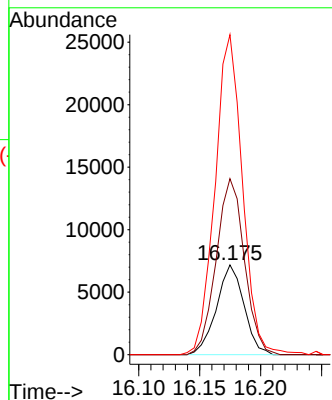
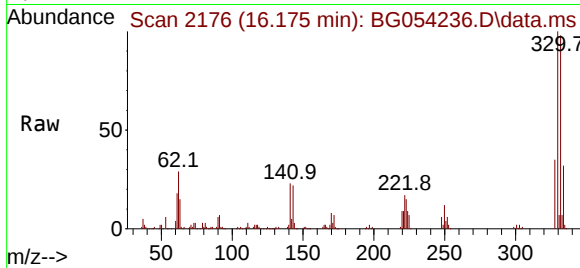




#67
4-Bromophenyl-phenylether
Concen: 5.816 ng
RT: 16.175 min Scan# 2117
Delta R.T. -0.450 min
Lab File: BG054236.D
Acq: 7 Jul 2022 22:29

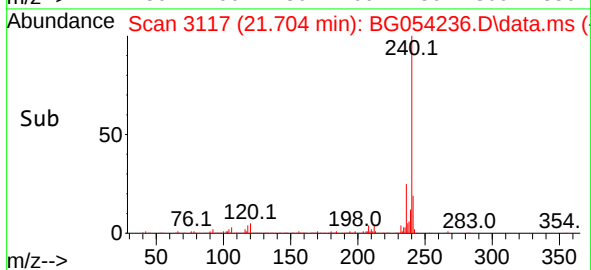
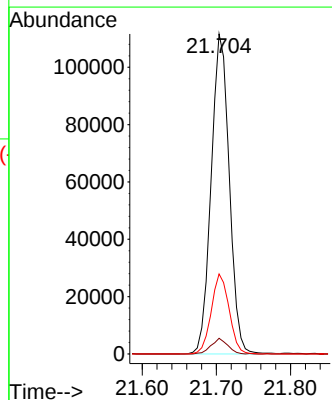
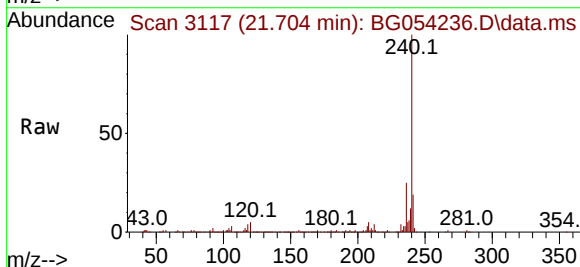
Instrument :
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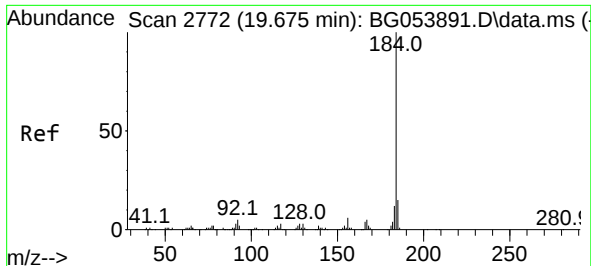
Tgt Ion:248 Resp: 11254
Ion Ratio Lower Upper
248 100
250 195.9 75.2 112.8#
141 356.2 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.704 min Scan# 3117
Delta R.T. -0.015 min
Lab File: BG054236.D
Acq: 7 Jul 2022 22:29

Tgt Ion:240 Resp: 189418
Ion Ratio Lower Upper
240 100
120 4.9 4.6 7.0
236 25.0 20.2 30.4

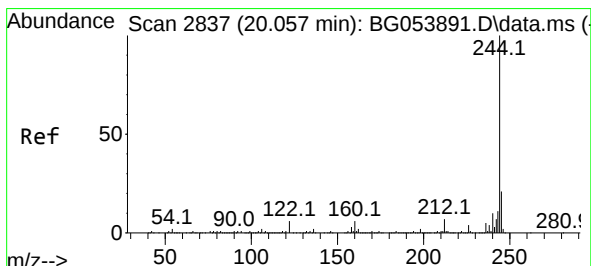
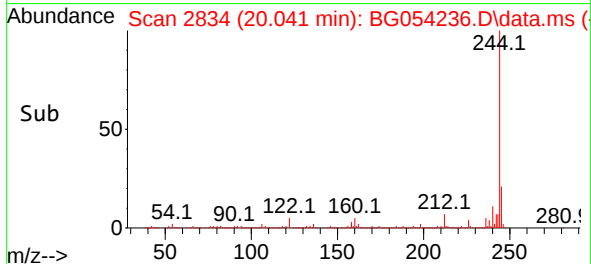
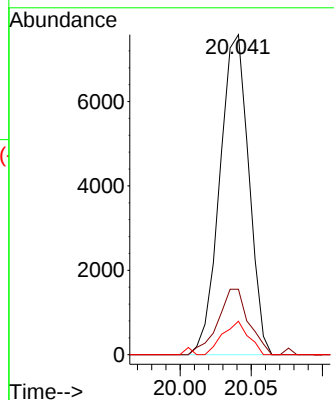
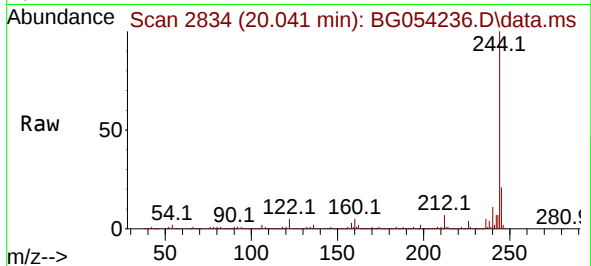




#77
Benzidine
Concen: 2.746 ng
RT: 20.041 min Scan# 2834
Delta R.T. 0.378 min
Lab File: BG054236.D
Acq: 7 Jul 2022 22:29

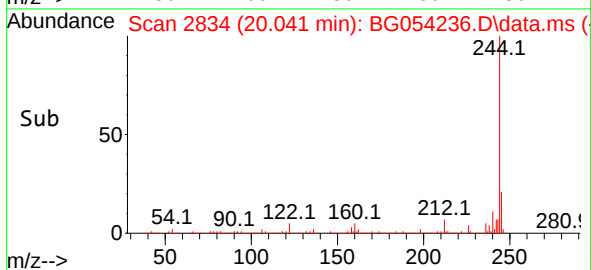
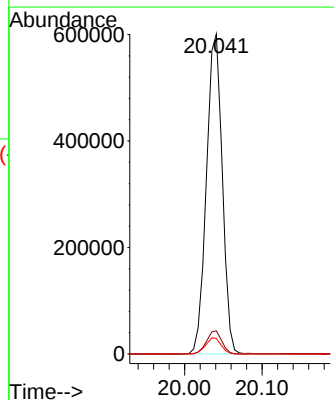
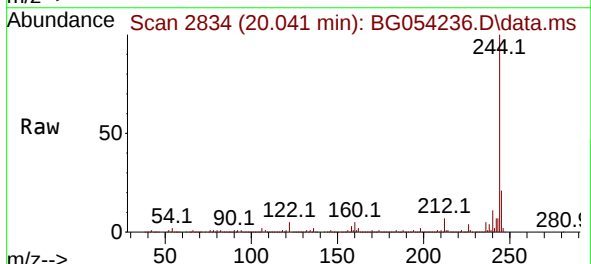
Instrument :
BNA_G
ClientSampleId :
MW-04

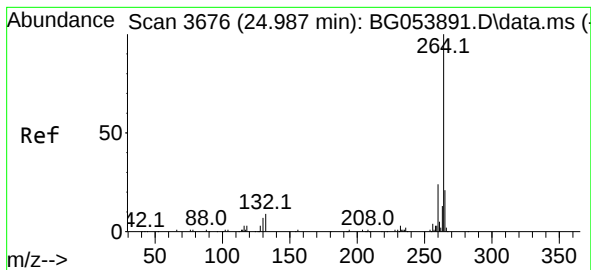
Tgt Ion:184 Resp: 10770
Ion Ratio Lower Upper
184 100
185 20.5 11.8 17.6#
183 10.5 8.9 13.3



#79
Terphenyl-d14
Concen: 90.592 ng
RT: 20.041 min Scan# 2834
Delta R.T. -0.004 min
Lab File: BG054236.D
Acq: 7 Jul 2022 22:29

Tgt Ion:244 Resp: 851985
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 4.9 5.0 7.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.953 min Scan# 30
 Delta R.T. -0.009 min
 Lab File: BG054236.D
 Acq: 7 Jul 2022 22:29

Instrument :
 BNA_G
 ClientSampleId :
 MW-04

Tgt Ion:264 Resp: 193938
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 20.8 17.4 26.2

