

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062922\
 Data File : BG054149.D
 Acq On : 29 Jun 2022 17:37
 Operator : CG/JU
 Sample : N3531-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-1

Quant Time: Jun 29 19:12:38 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)

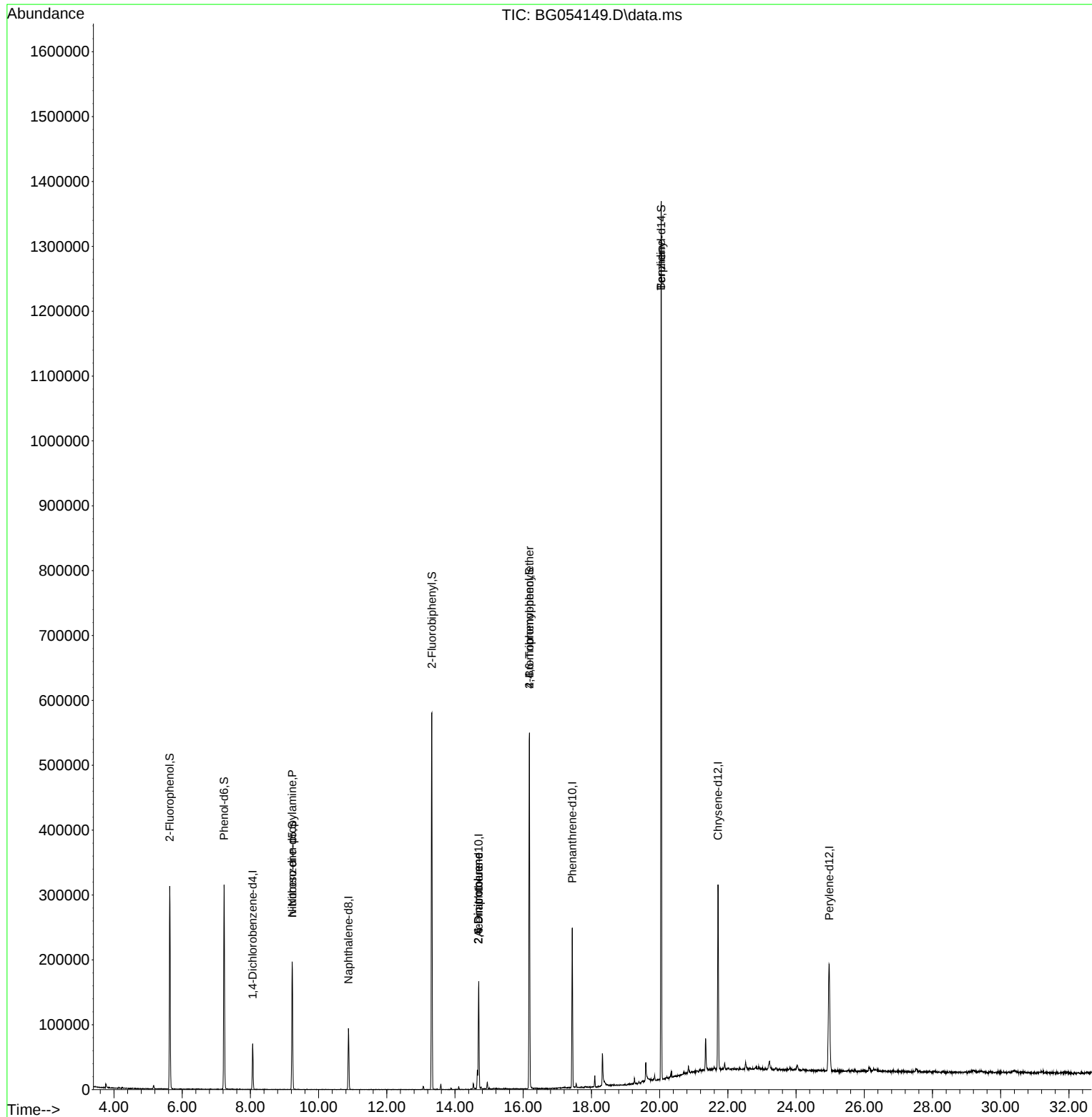
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.068	152	21589	20.000	ng	0.00
21) Naphthalene-d8	10.876	136	84892	20.000	ng	0.00
39) Acenaphthene-d10	14.695	164	64417	20.000	ng	0.00
64) Phenanthrene-d10	17.439	188	172853	20.000	ng	0.00
76) Chrysene-d12	21.711	240	194959	20.000	ng	0.00
86) Perylene-d12	24.972	264	195980	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.635	112	146925	130.116	ng	0.00
7) Phenol-d6	7.228	99	193734	126.473	ng	0.00
23) Nitrobenzene-d5	9.225	82	127196	84.200	ng	0.00
42) 2,4,6-Tribromophenol	16.182	330	135174	130.606	ng	0.00
45) 2-Fluorobiphenyl	13.321	172	351139	79.265	ng	0.00
79) Terphenyl-d14	20.048	244	782078	80.795	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.225	70	17324	16.834	ng	# 80
51) 2,6-Dinitrotoluene	14.690	165	9026	9.106	ng	# 16
57) 2,4-Dinitrotoluene	14.690	165	9026	6.448	ng	# 21
67) 4-Bromophenyl-phenylether	16.182	248	8499	3.937	ng	# 1
77) Benzydine	20.042	184	10752	2.663	ng	# 92

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

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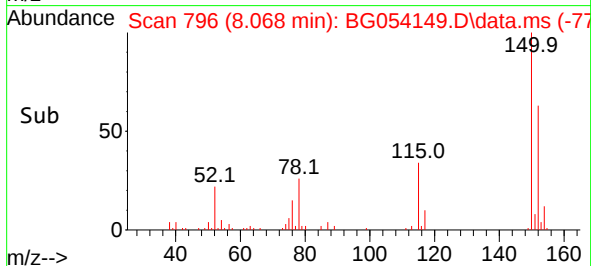
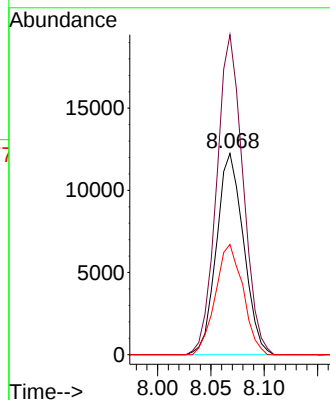
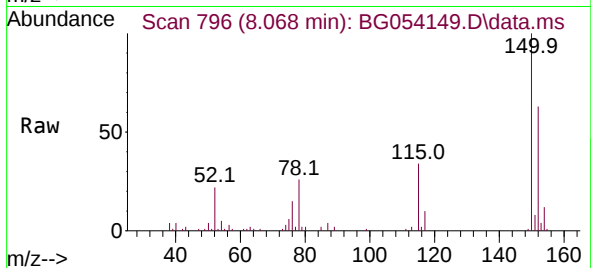




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.068 min Scan# 79
 Delta R.T. -0.002 min
 Lab File: BG054149.D
 Acq: 29 Jun 2022 17:37

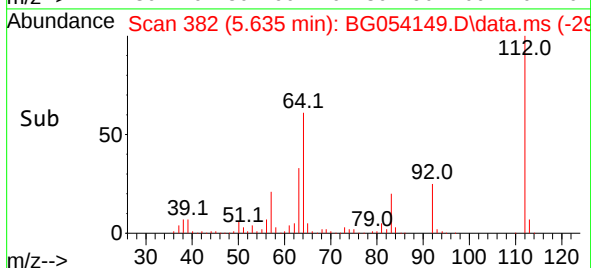
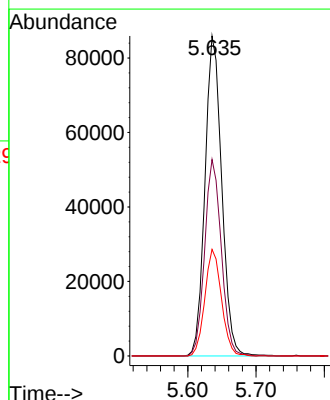
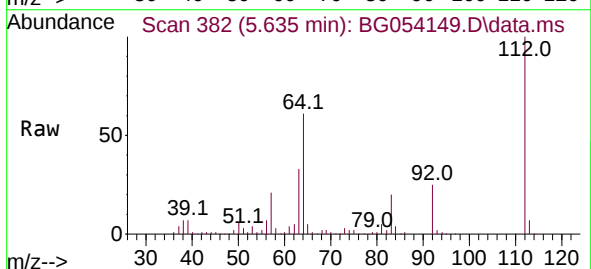
Instrument :
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Tgt Ion:152 Resp: 21589
 Ion Ratio Lower Upper
 152 100
 150 159.0 131.6 197.4
 115 54.8 50.9 76.3



#5
 2-Fluorophenol
 Concen: 130.116 ng
 RT: 5.635 min Scan# 382
 Delta R.T. -0.002 min
 Lab File: BG054149.D
 Acq: 29 Jun 2022 17:37

Tgt Ion:112 Resp: 146925
 Ion Ratio Lower Upper
 112 100
 64 61.4 55.1 82.7
 63 33.3 30.4 45.6

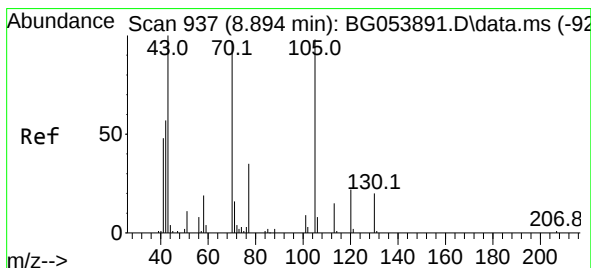
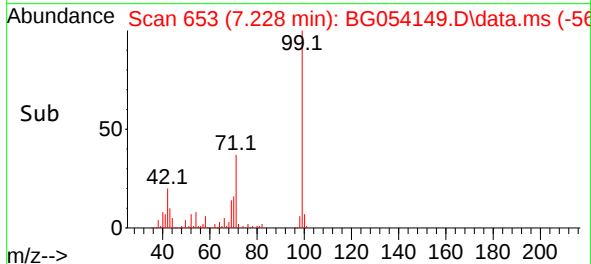
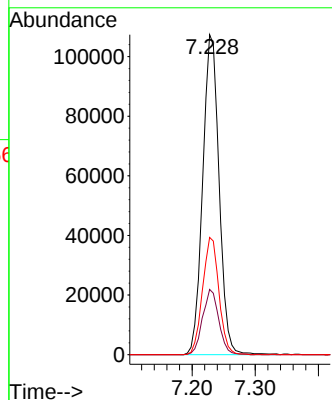
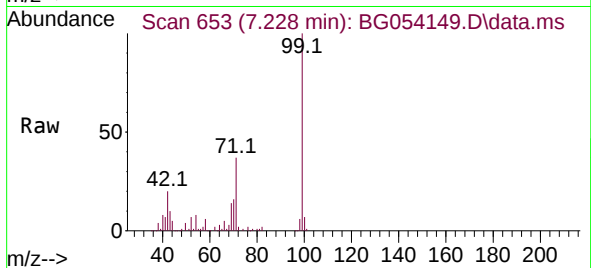




#7
Phenol-d6
Concen: 126.473 ng
RT: 7.228 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG054149.D
Acq: 29 Jun 2022 17:37

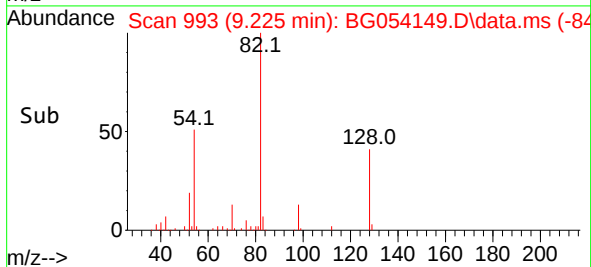
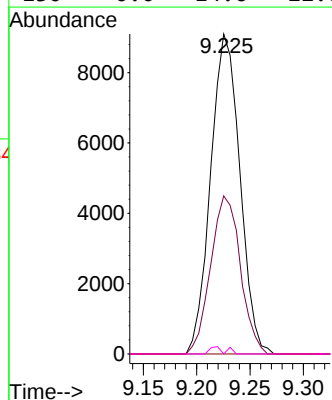
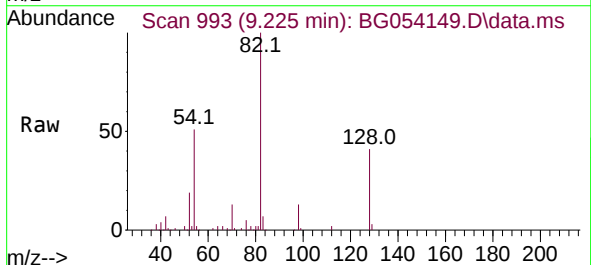
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ClientSampleId :
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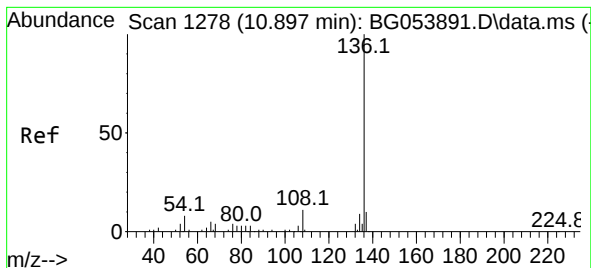
Tgt Ion: 99 Resp: 193734
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.6
71 36.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.834 ng
RT: 9.225 min Scan# 993
Delta R.T. 0.350 min
Lab File: BG054149.D
Acq: 29 Jun 2022 17:37

Tgt Ion: 70 Resp: 17324
Ion Ratio Lower Upper
70 100
42 49.4 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: 10.876 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG054149.D

Acq: 29 Jun 2022 17:37

Instrument :

BNA_G

ClientSampleId :

W-1

Tgt Ion:136 Resp: 84892

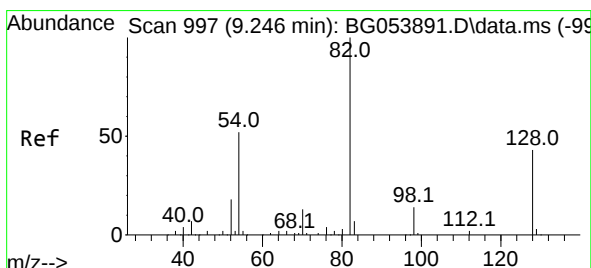
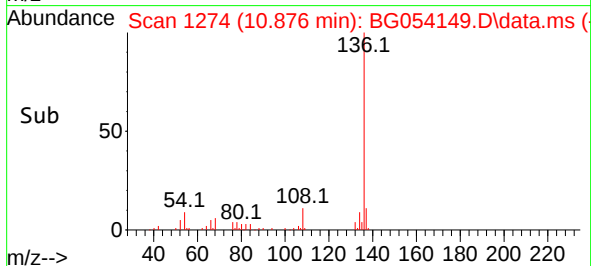
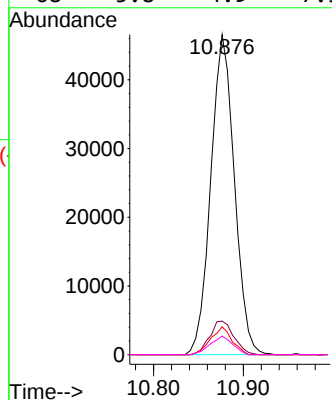
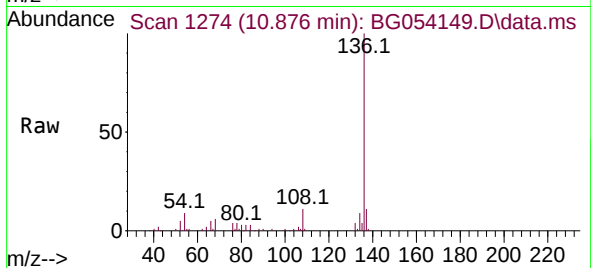
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 8.7 7.4 11.2

68 5.8 4.9 7.3



#23

Nitrobenzene-d5

Concen: 84.200 ng

RT: 9.225 min Scan# 993

Delta R.T. -0.008 min

Lab File: BG054149.D

Acq: 29 Jun 2022 17:37

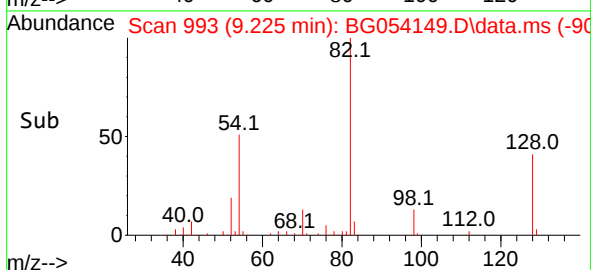
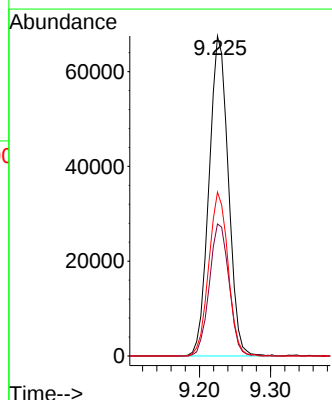
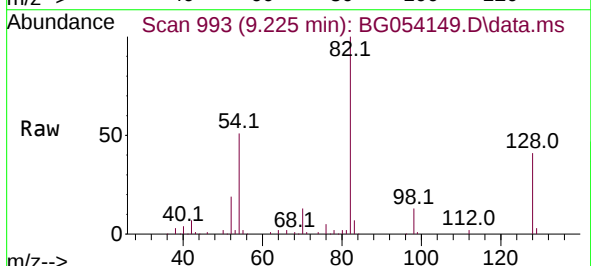
Tgt Ion: 82 Resp: 127196

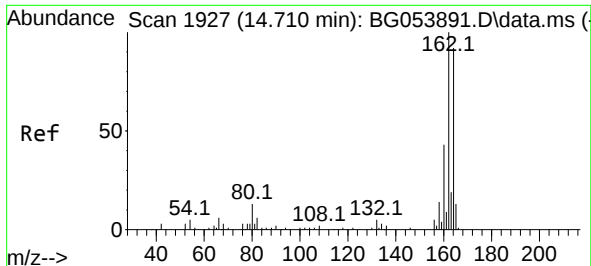
Ion Ratio Lower Upper

82 100

128 41.2 27.9 41.9

54 51.2 41.2 61.8

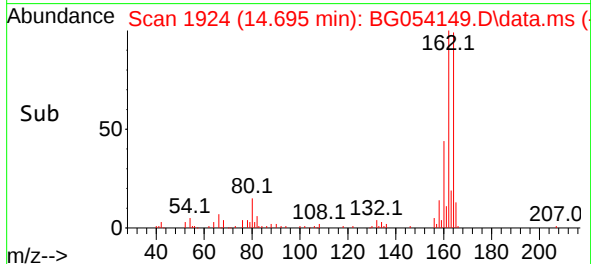
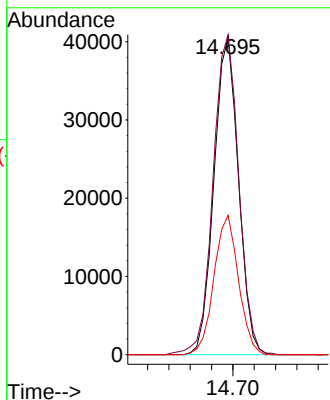
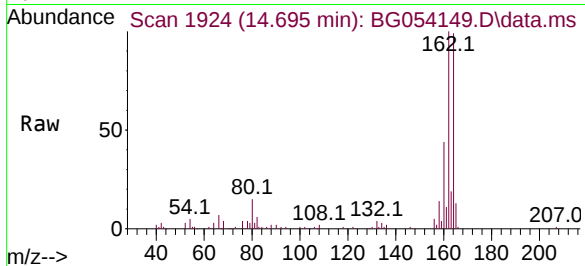




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.695 min Scan# 1924
Delta R.T. -0.002 min
Lab File: BG054149.D
Acq: 29 Jun 2022 17:37

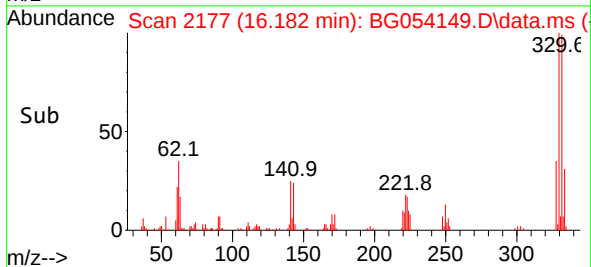
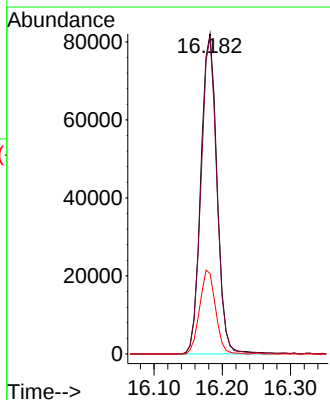
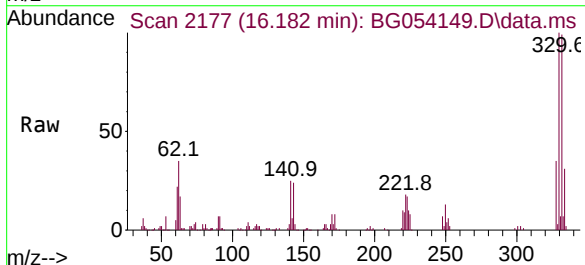
Instrument :
BNA_G
ClientSampleId :
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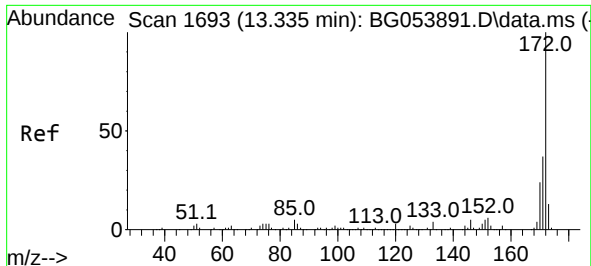
Tgt Ion:164 Resp: 64417
Ion Ratio Lower Upper
164 100
162 100.8 82.3 123.5
160 43.9 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 130.606 ng
RT: 16.182 min Scan# 2177
Delta R.T. -0.002 min
Lab File: BG054149.D
Acq: 29 Jun 2022 17:37

Tgt Ion:330 Resp: 135174
Ion Ratio Lower Upper
330 100
332 96.8 76.0 114.0
141 25.7 27.1 40.7#

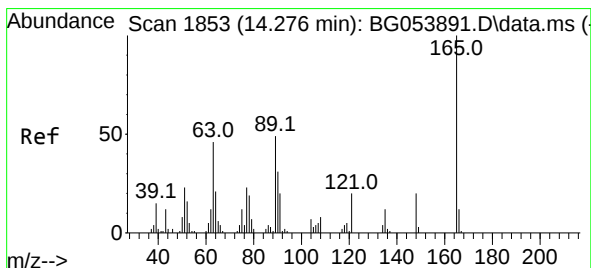
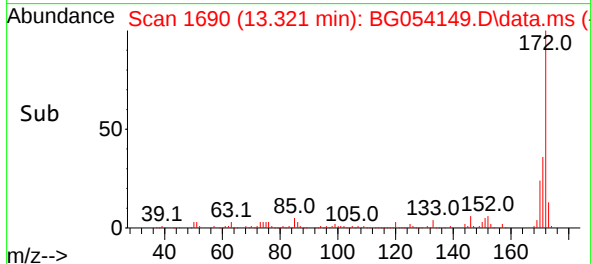
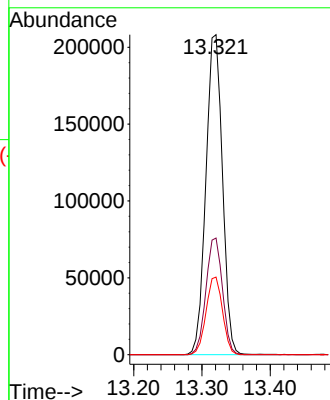
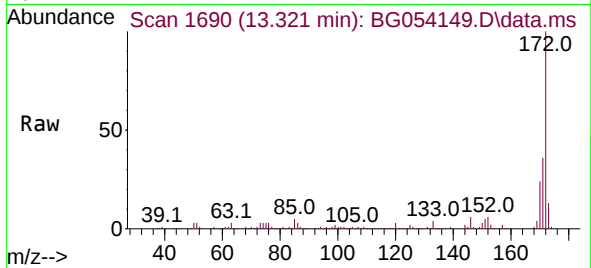




#45
2-Fluorobiphenyl
Concen: 79.265 ng
RT: 13.321 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG054149.D
Acq: 29 Jun 2022 17:37

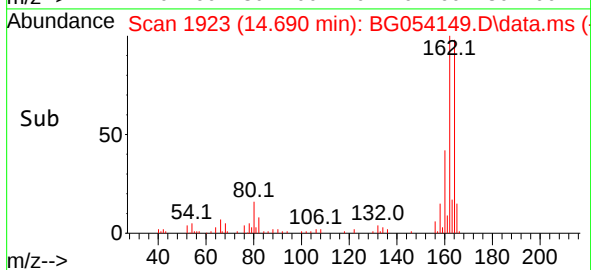
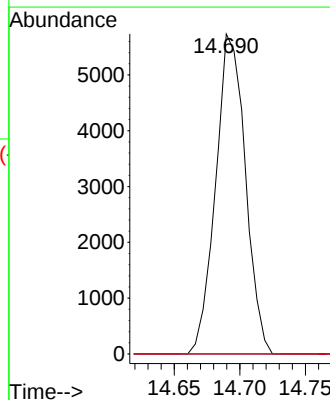
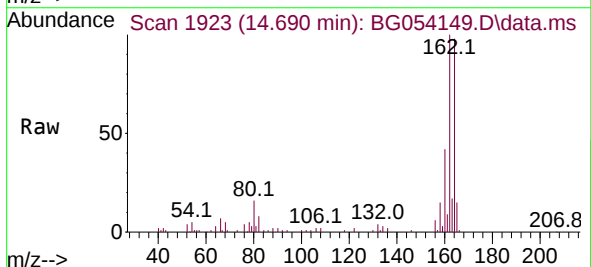
Instrument :
BNA_G
ClientSampleId :
W-1

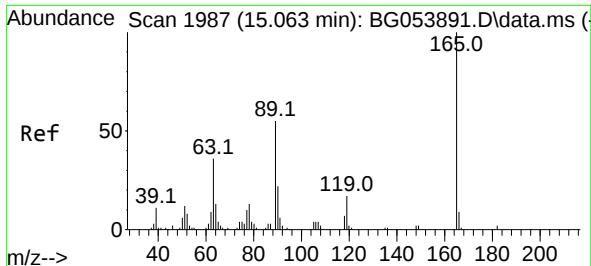
Tgt Ion:172 Resp: 351139
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 24.3 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 9.106 ng
RT: 14.690 min Scan# 1923
Delta R.T. 0.426 min
Lab File: BG054149.D
Acq: 29 Jun 2022 17:37

Tgt Ion:165 Resp: 9026
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

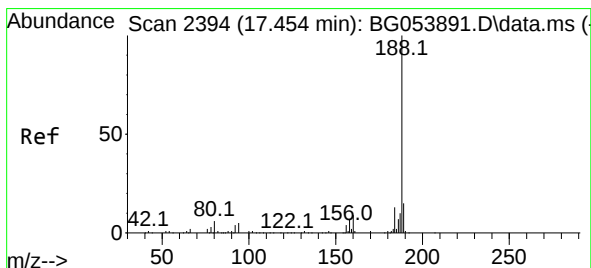
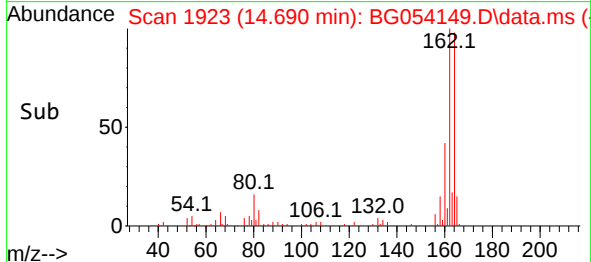
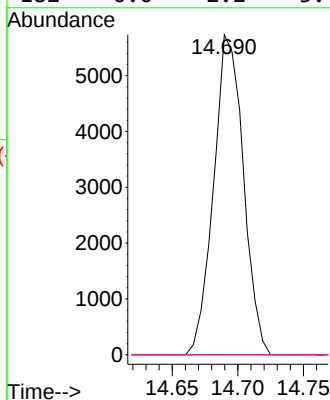
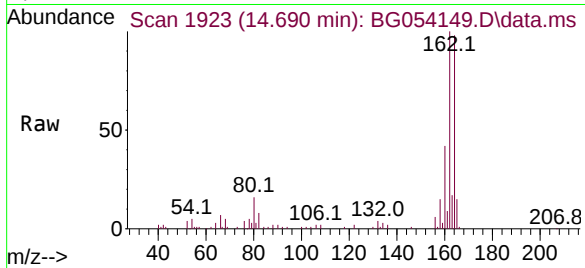




#57
2,4-Dinitrotoluene
Concen: 6.448 ng
RT: 14.690 min Scan# 1987
Delta R.T. -0.361 min
Lab File: BG054149.D
Acq: 29 Jun 2022 17:37

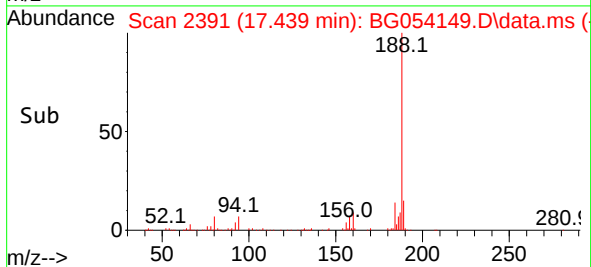
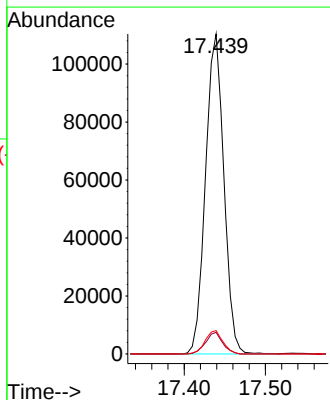
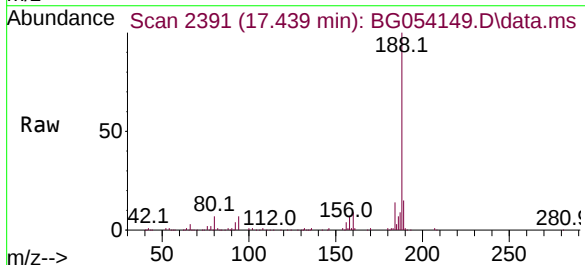
Instrument :
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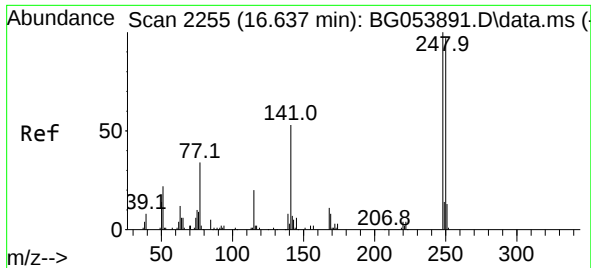
Tgt Ion:165 Resp: 9026
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.439 min Scan# 2391
Delta R.T. -0.002 min
Lab File: BG054149.D
Acq: 29 Jun 2022 17:37

Tgt Ion:188 Resp: 172853
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.0
80 7.3 6.8 10.2

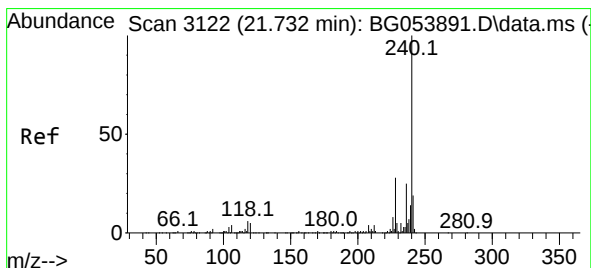
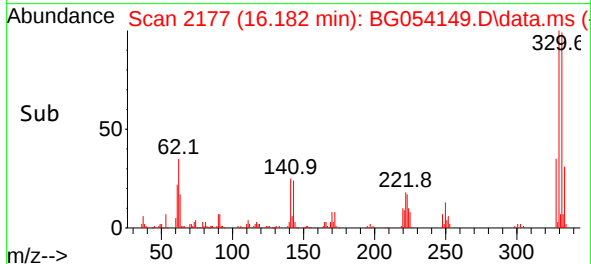
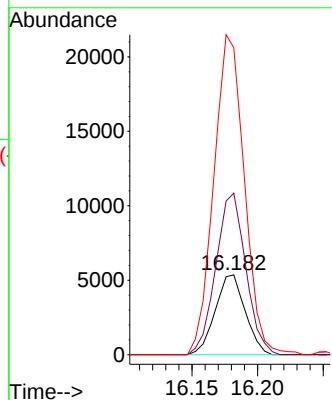
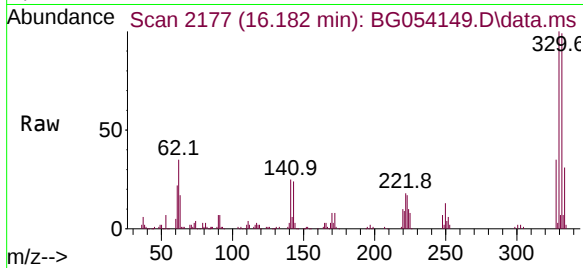




#67
4-Bromophenyl-phenylether
Concen: 3.937 ng
RT: 16.182 min Scan# 2177
Delta R.T. -0.443 min
Lab File: BG054149.D
Acq: 29 Jun 2022 17:37

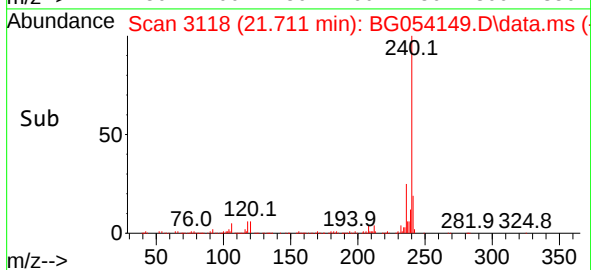
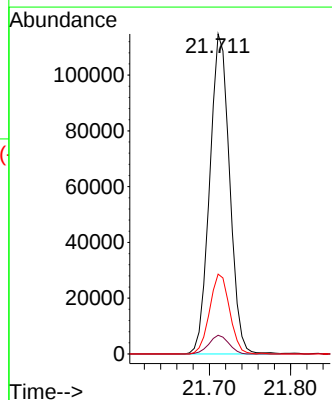
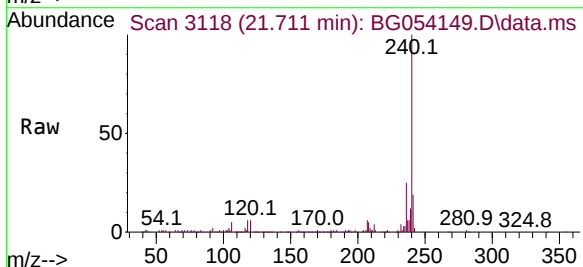
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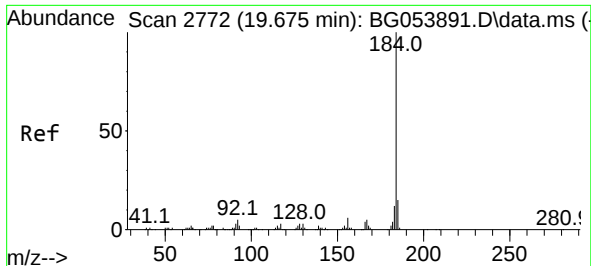
Tgt Ion:248 Resp: 8499
Ion Ratio Lower Upper
248 100
250 262.7 75.2 112.8#
141 384.6 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.711 min Scan# 3118
Delta R.T. -0.008 min
Lab File: BG054149.D
Acq: 29 Jun 2022 17:37

Tgt Ion:240 Resp: 194959
Ion Ratio Lower Upper
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120 5.9 4.6 7.0
236 25.0 20.2 30.4

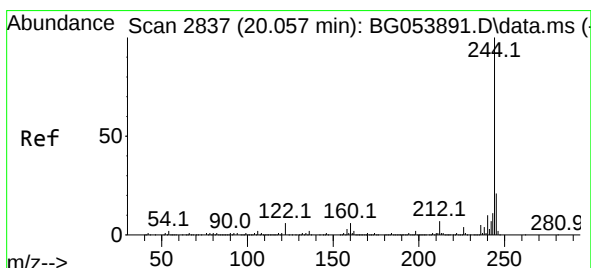
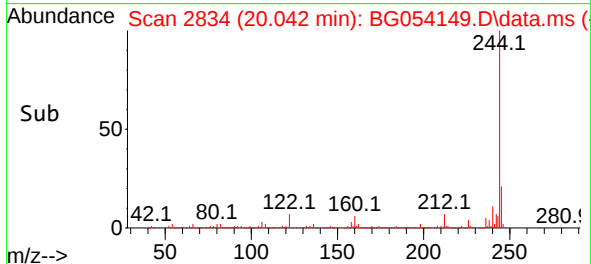
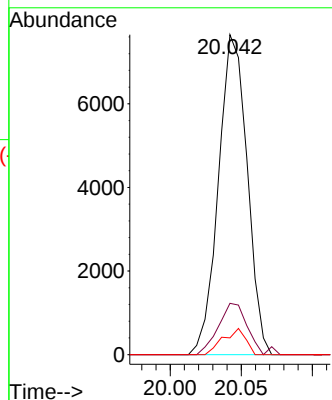
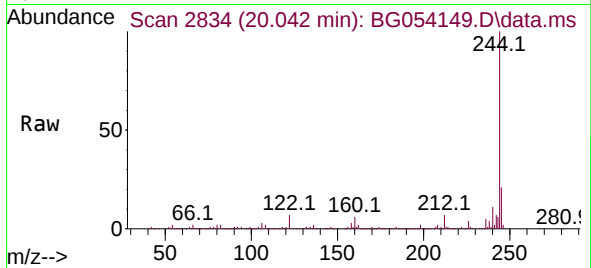




#77
Benzidine
Concen: 2.663 ng
RT: 20.042 min Scan# 21
Delta R.T. 0.379 min
Lab File: BG054149.D
Acq: 29 Jun 2022 17:37

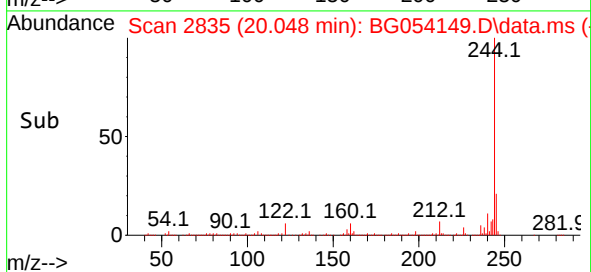
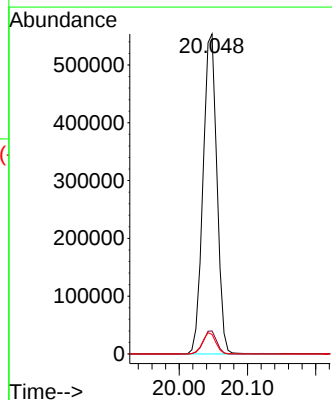
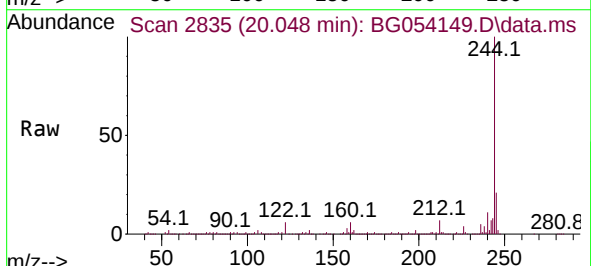
Instrument :
BNA_G
ClientSampleId :
W-1

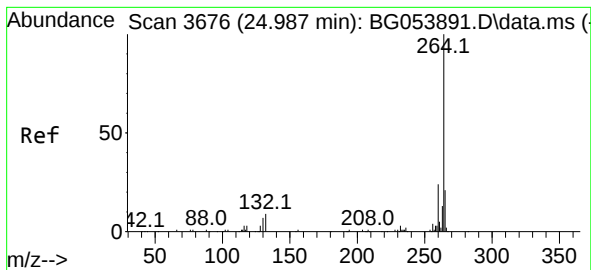
Tgt Ion:184 Resp: 10752
Ion Ratio Lower Upper
184 100
185 16.0 11.8 17.6
183 5.3 8.9 13.3#



#79
Terphenyl-d14
Concen: 80.795 ng
RT: 20.048 min Scan# 2835
Delta R.T. 0.003 min
Lab File: BG054149.D
Acq: 29 Jun 2022 17:37

Tgt Ion:244 Resp: 782078
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 6.1 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.972 min Scan# 30
Delta R.T. 0.009 min
Lab File: BG054149.D
Acq: 29 Jun 2022 17:37

Instrument :
BNA_G
ClientSampleId :
W-1

Tgt Ion:264 Resp: 195980
Ion Ratio Lower Upper
264 100
260 24.9 19.0 28.6
265 20.7 17.4 26.2

