

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070822\
 Data File : BG054245.D
 Acq On : 8 Jul 2022 13:53
 Operator : CG/JU
 Sample : N3617-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-06

Quant Time: Jul 08 15:10:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 13:46:14 2022
 Response via : Initial Calibration

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

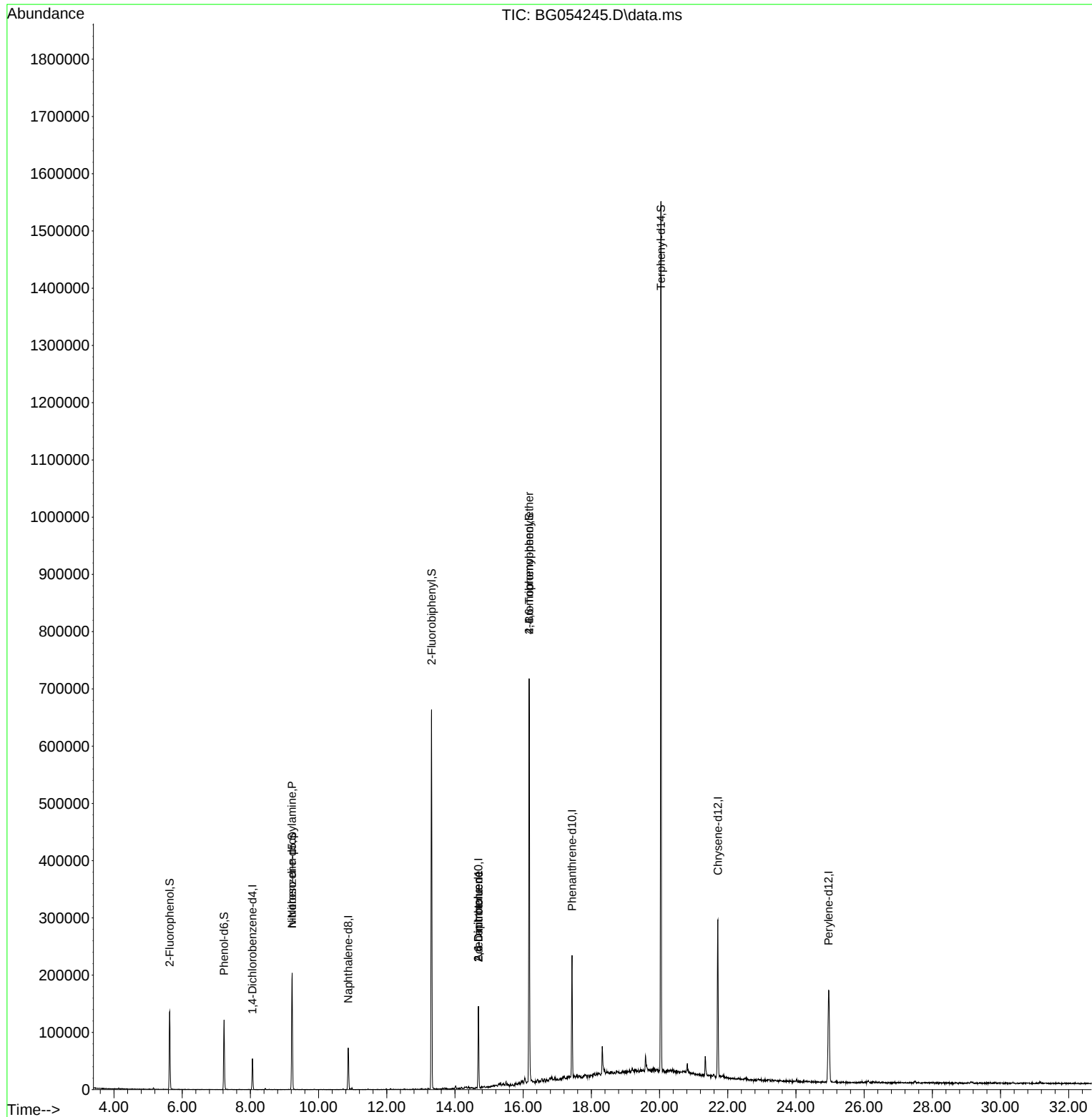
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	17313	20.000	ng	0.00
21) Naphthalene-d8	10.871	136	68118	20.000	ng	# 0.00
39) Acenaphthene-d10	14.690	164	55386	20.000	ng	0.00
64) Phenanthrene-d10	17.434	188	157774	20.000	ng	# 0.00
76) Chrysene-d12	21.711	240	193684	20.000	ng	# 0.00
86) Perylene-d12	24.960	264	201709	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.636	112	65035	71.820	ng	0.00
7) Phenol-d6	7.228	99	73706	60.000	ng	0.00
23) Nitrobenzene-d5	9.226	82	130035	107.277	ng	0.00
42) 2,4,6-Tribromophenol	16.176	330	183483	206.190	ng	0.00
45) 2-Fluorobiphenyl	13.315	172	393626	103.345	ng	0.00
79) Terphenyl-d14	20.042	244	886970	92.234	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.226	70	18235	22.095	ng	# 80
51) 2,6-Dinitrotoluene	14.690	165	7711	9.048	ng	# 18
57) 2,4-Dinitrotoluene	14.690	165	7711	6.407	ng	# 23
67) 4-Bromophenyl-phenylether	16.176	248	11581	5.877	ng	# 1

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

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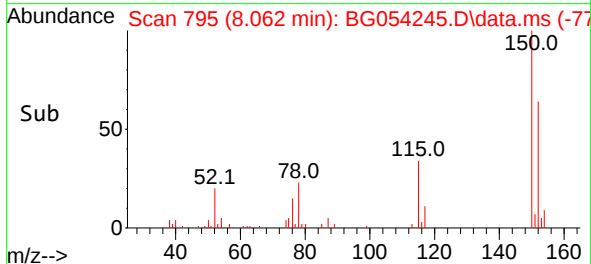
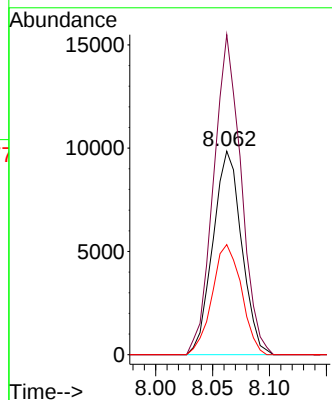
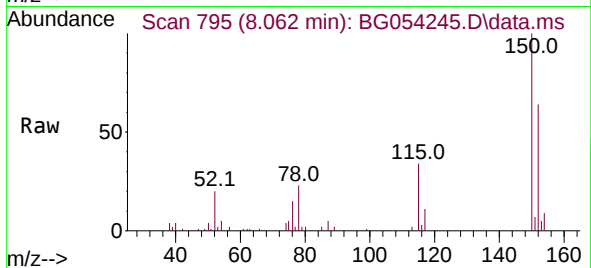




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.062 min Scan# 79
Delta R.T. 0.003 min
Lab File: BG054245.D
Acq: 8 Jul 2022 13:53

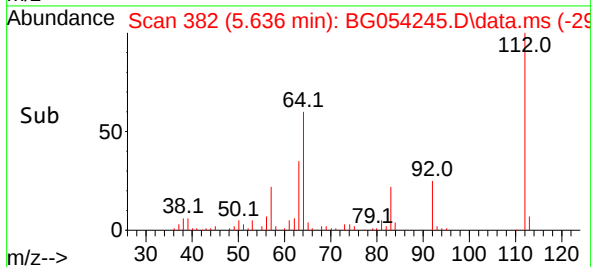
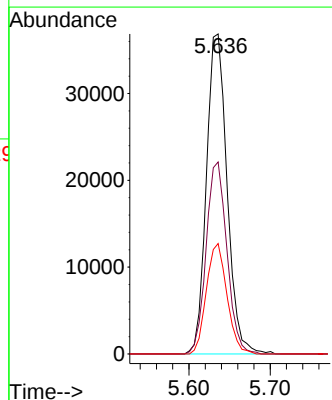
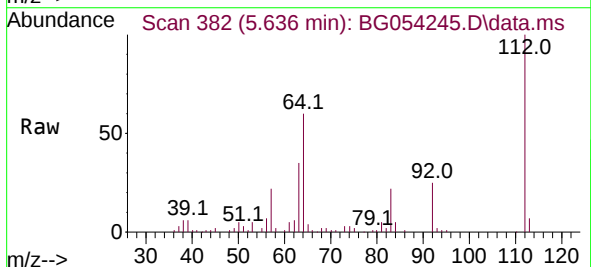
Instrument :
BNA_G
ClientSampleId :
MW-06

Tgt Ion:152 Resp: 17313
Ion Ratio Lower Upper
152 100
150 157.2 131.6 197.4
115 54.1 50.9 76.3



#5
2-Fluorophenol
Concen: 71.820 ng
RT: 5.636 min Scan# 382
Delta R.T. 0.003 min
Lab File: BG054245.D
Acq: 8 Jul 2022 13:53

Tgt Ion:112 Resp: 65035
Ion Ratio Lower Upper
112 100
64 60.0 55.1 82.7
63 34.5 30.4 45.6

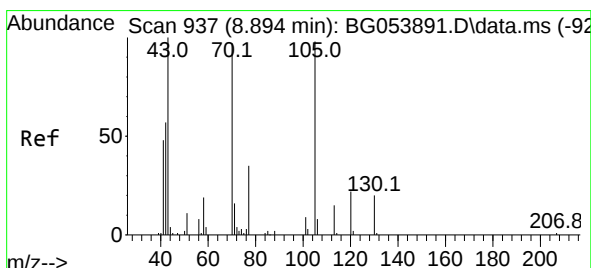
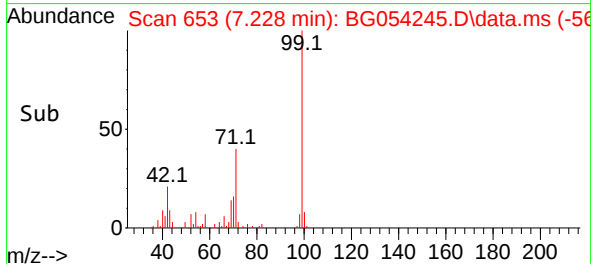
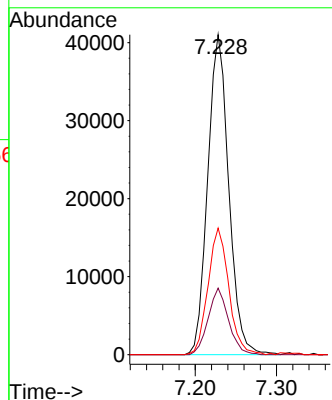
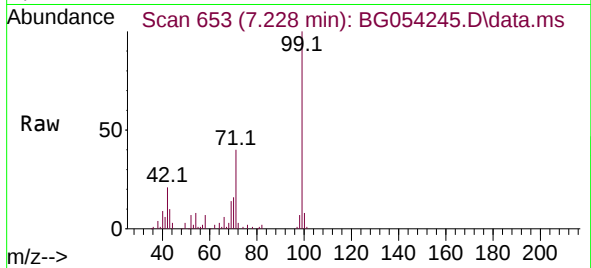




#7
Phenol-d6
Concen: 60.000 ng
RT: 7.228 min Scan# 611
Delta R.T. -0.003 min
Lab File: BG054245.D
Acq: 8 Jul 2022 13:53

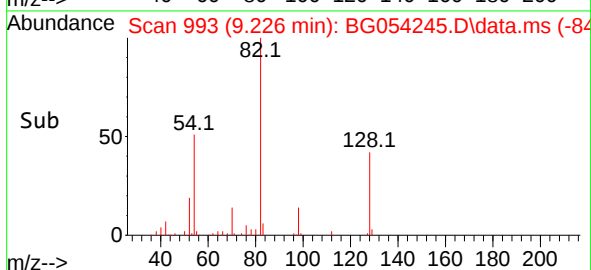
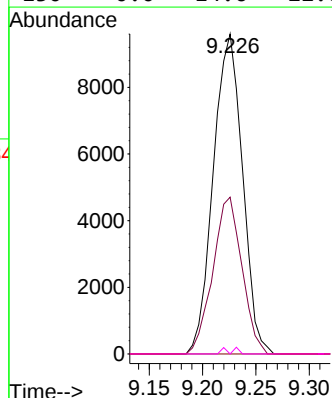
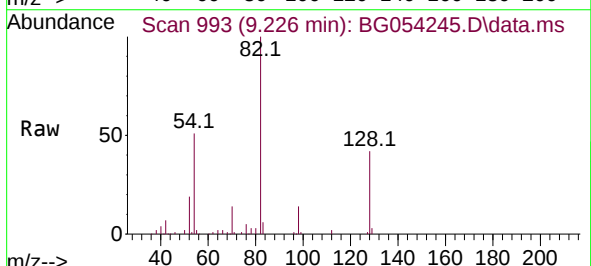
Instrument :
BNA_G
ClientSampleId :
MW-06

Tgt Ion: 99 Resp: 73706
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.6
71 39.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 22.095 ng
RT: 9.226 min Scan# 993
Delta R.T. 0.362 min
Lab File: BG054245.D
Acq: 8 Jul 2022 13:53

Tgt Ion: 70 Resp: 18235
Ion Ratio Lower Upper
70 100
42 49.0 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

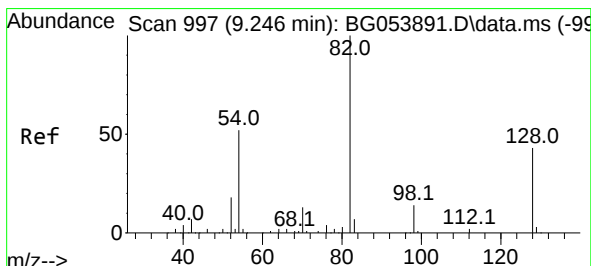
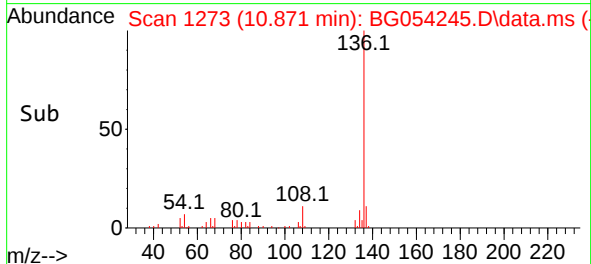
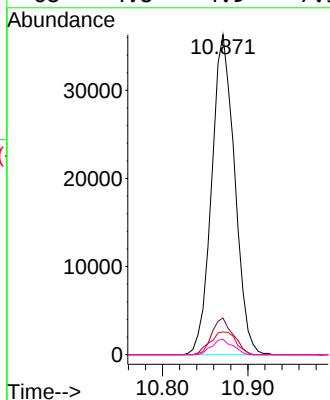
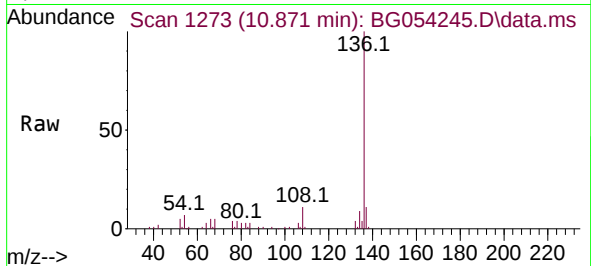




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.871 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG054245.D
Acq: 8 Jul 2022 13:53

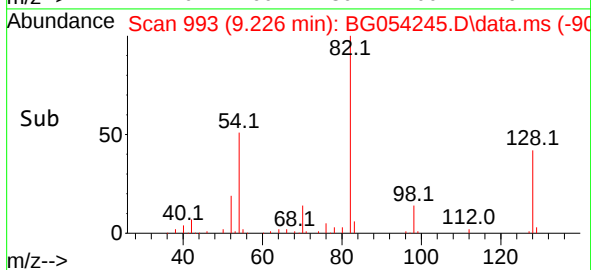
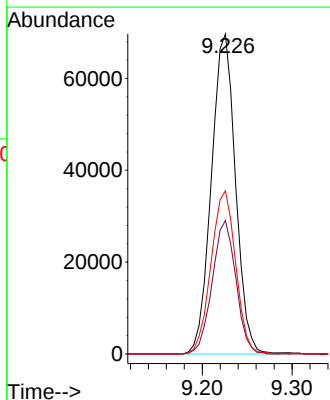
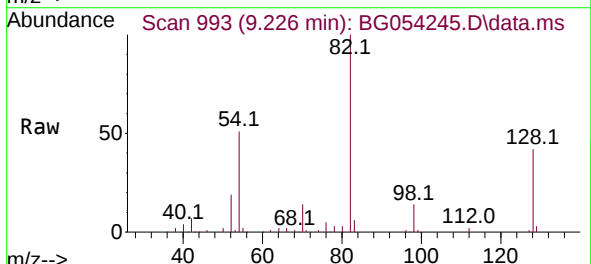
Instrument :
BNA_G
ClientSampleId :
MW-06

Tgt Ion:	136	Resp:	68118
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.5	12.7
54	7.1	7.4	11.2#
68	4.8	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 107.277 ng
RT: 9.226 min Scan# 993
Delta R.T. 0.003 min
Lab File: BG054245.D
Acq: 8 Jul 2022 13:53

Tgt Ion:	82	Resp:	130035
Ion Ratio	Lower	Upper	
82	100		
128	41.7	27.9	41.9
54	51.0	41.2	61.8

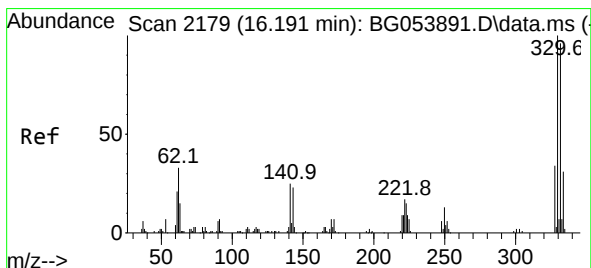
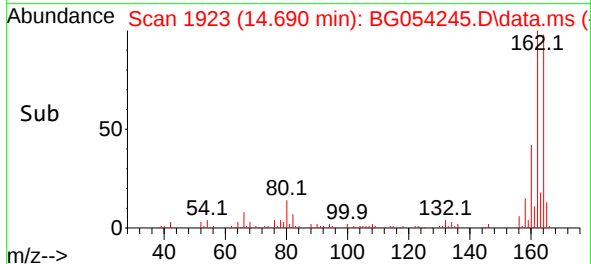
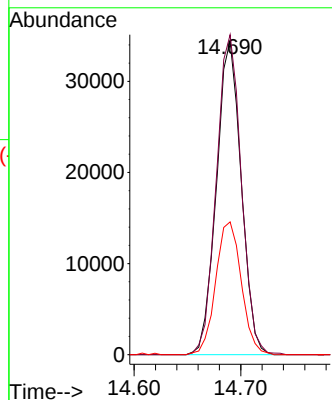
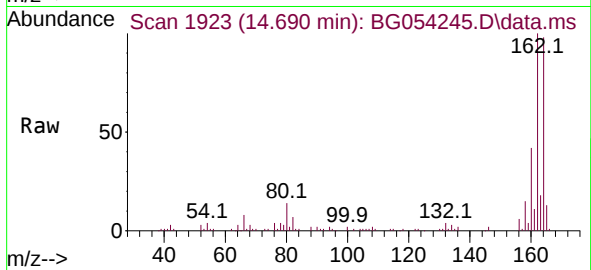




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.690 min Scan# 1923
Delta R.T. 0.003 min
Lab File: BG054245.D
Acq: 8 Jul 2022 13:53

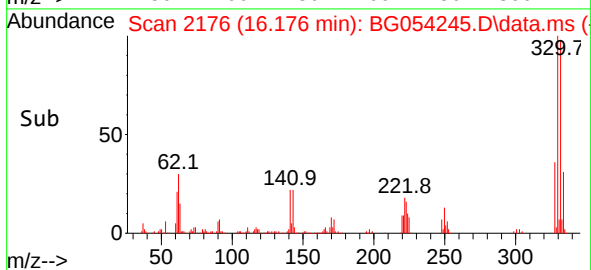
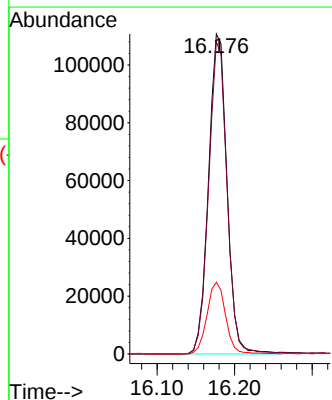
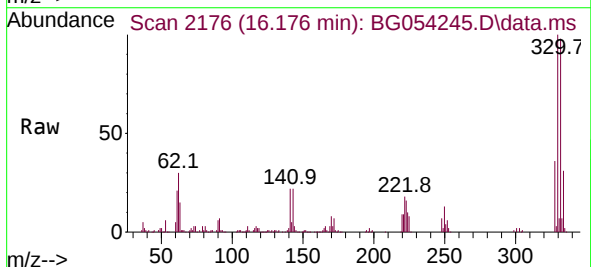
Instrument :
BNA_G
ClientSampleId :
MW-06

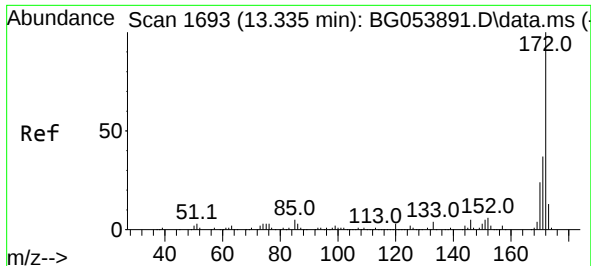
Tgt Ion:164 Resp: 55386
Ion Ratio Lower Upper
164 100
162 102.0 82.3 123.5
160 42.3 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 206.190 ng
RT: 16.176 min Scan# 2176
Delta R.T. -0.003 min
Lab File: BG054245.D
Acq: 8 Jul 2022 13:53

Tgt Ion:330 Resp: 183483
Ion Ratio Lower Upper
330 100
332 97.1 76.0 114.0
141 22.6 27.1 40.7#

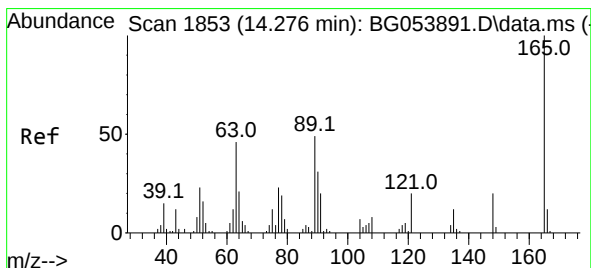
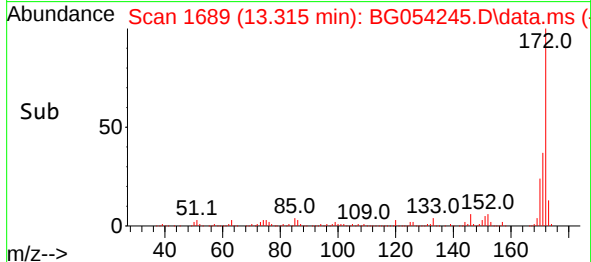
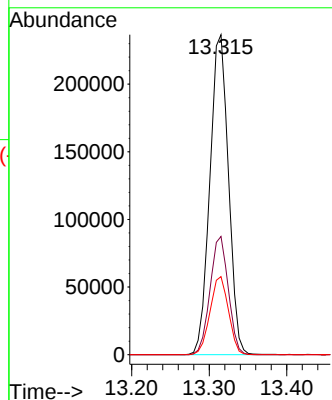
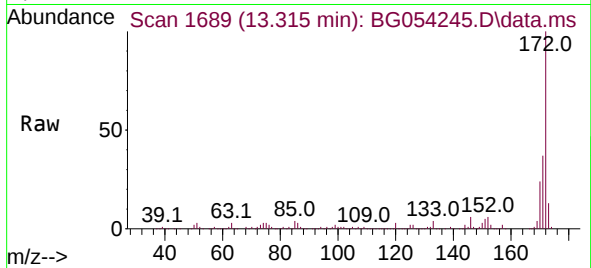




#45
2-Fluorobiphenyl
Concen: 103.345 ng
RT: 13.315 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG054245.D
Acq: 8 Jul 2022 13:53

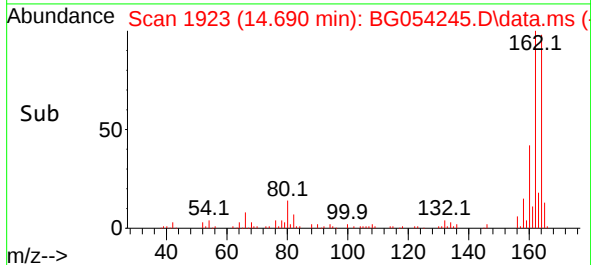
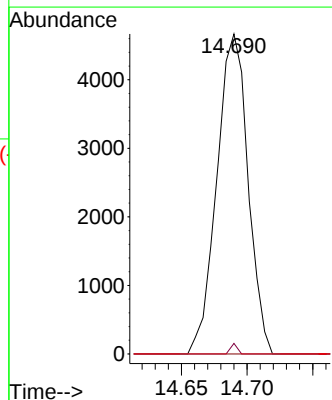
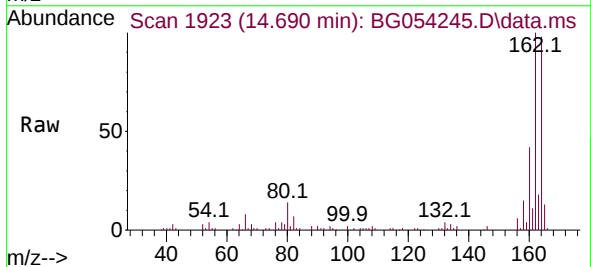
Instrument :
BNA_G
ClientSampleId :
MW-06

Tgt Ion:172 Resp: 393626
Ion Ratio Lower Upper
172 100
171 37.0 28.5 42.7
170 24.4 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 9.048 ng
RT: 14.690 min Scan# 1923
Delta R.T. 0.432 min
Lab File: BG054245.D
Acq: 8 Jul 2022 13:53

Tgt Ion:165 Resp: 7711
Ion Ratio Lower Upper
165 100
63 3.3 54.1 81.1#
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 6.407 ng

RT: 14.690 min Scan# 1987

Delta R.T. -0.361 min

Lab File: BG054245.D

Acq: 8 Jul 2022 13:53

Instrument :

BNA_G

ClientSampleId :

MW-06

Tgt Ion:165 Resp: 7711

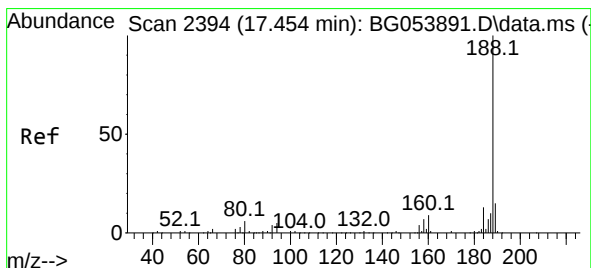
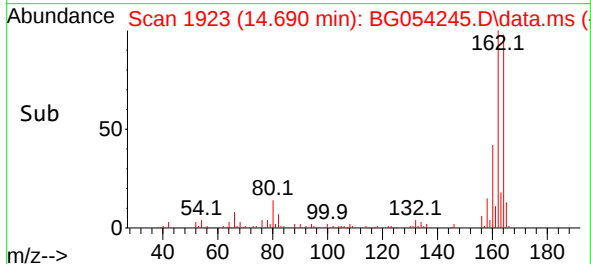
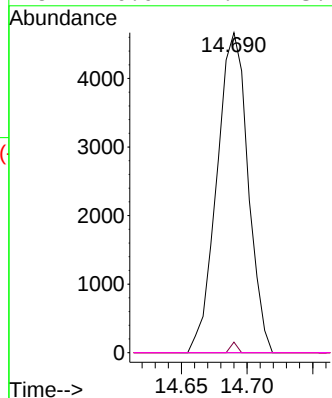
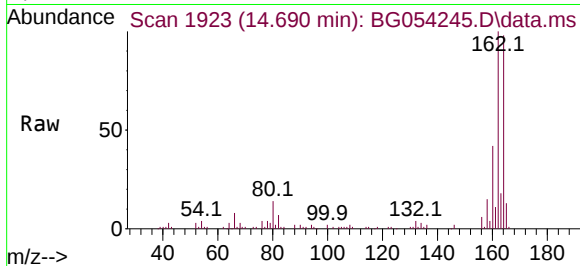
Ion Ratio Lower Upper

165 100

63 3.3 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: 17.434 min Scan# 2390

Delta R.T. 0.003 min

Lab File: BG054245.D

Acq: 8 Jul 2022 13:53

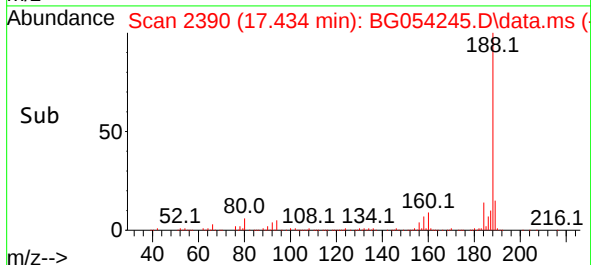
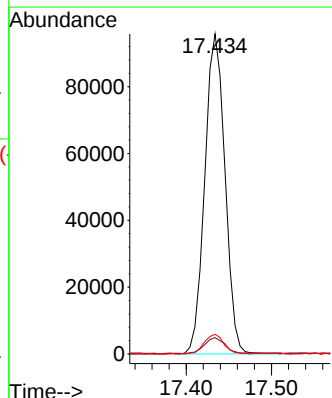
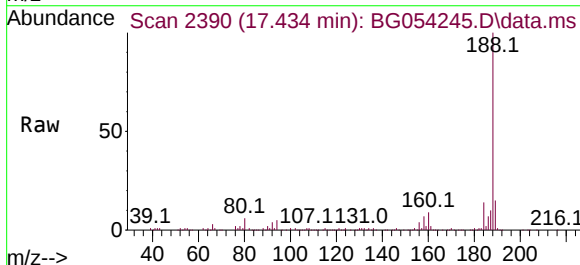
Tgt Ion:188 Resp: 157774

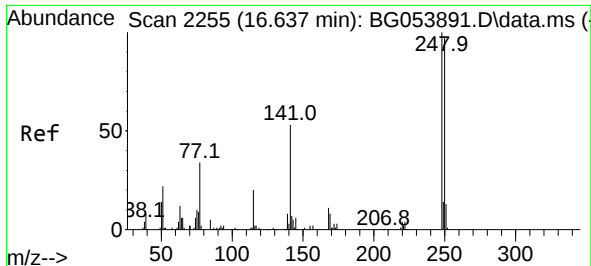
Ion Ratio Lower Upper

188 100

94 5.1 5.4 8.0#

80 6.2 6.8 10.2#

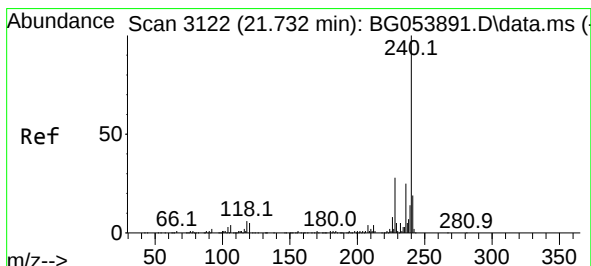
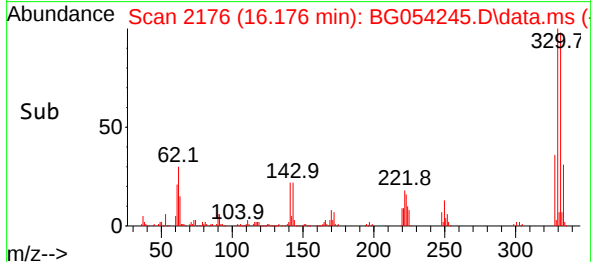
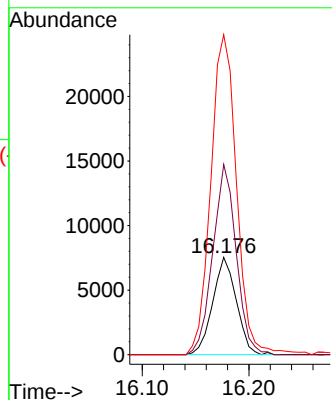
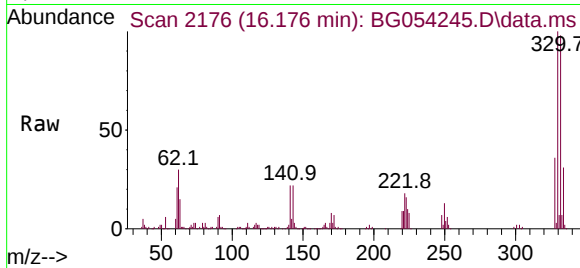




#67
4-Bromophenyl-phenylether
Concen: 5.877 ng
RT: 16.176 min Scan# 2118
Delta R.T. -0.437 min
Lab File: BG054245.D
Acq: 8 Jul 2022 13:53

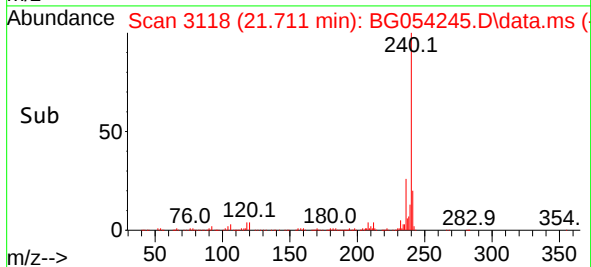
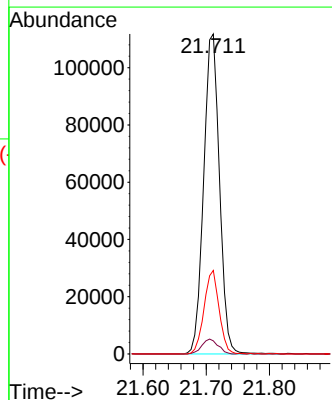
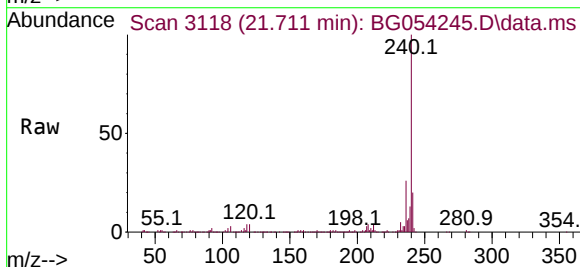
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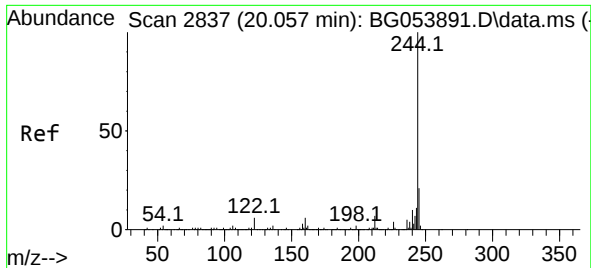
Tgt Ion:248 Resp: 11581
Ion Ratio Lower Upper
248 100
250 251.8 75.2 112.8#
141 329.2 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.711 min Scan# 3118
Delta R.T. 0.003 min
Lab File: BG054245.D
Acq: 8 Jul 2022 13:53

Tgt Ion:240 Resp: 193684
Ion Ratio Lower Upper
240 100
120 4.1 4.6 7.0#
236 26.1 20.2 30.4

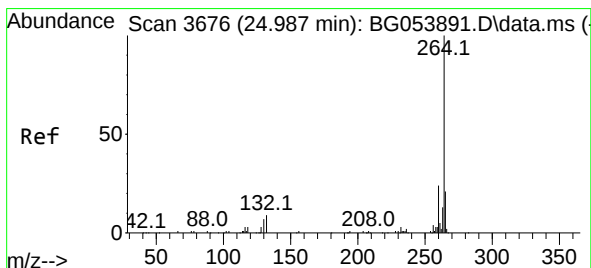
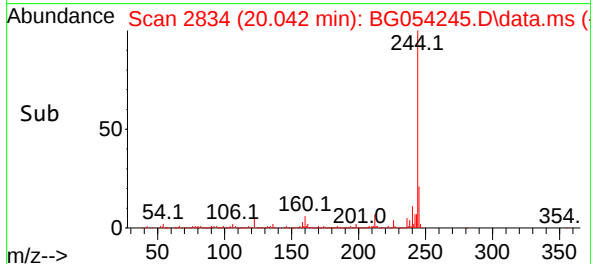
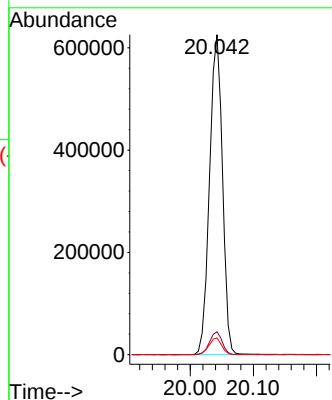
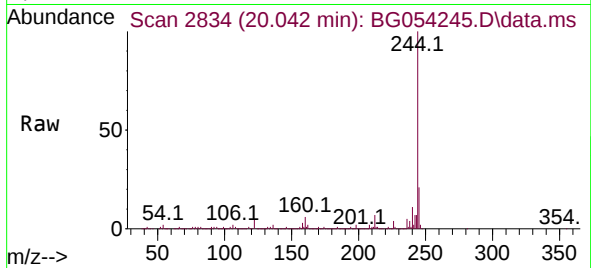




#79
 Terphenyl-d14
 Concen: 92.234 ng
 RT: 20.042 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG054245.D
 Acq: 8 Jul 2022 13:53

Instrument :
 BNA_G
 ClientSampleId :
 MW-06

Tgt Ion:244 Resp: 886970
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 5.3 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.960 min Scan# 3671
 Delta R.T. 0.003 min
 Lab File: BG054245.D
 Acq: 8 Jul 2022 13:53

Tgt Ion:264 Resp: 201709
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 21.8 17.4 26.2

