

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
 Data File : BG054330.D
 Acq On : 20 Jul 2022 16:41
 Operator : CG/JU
 Sample : N3771-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-9F

Quant Time: Jul 21 01:24:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

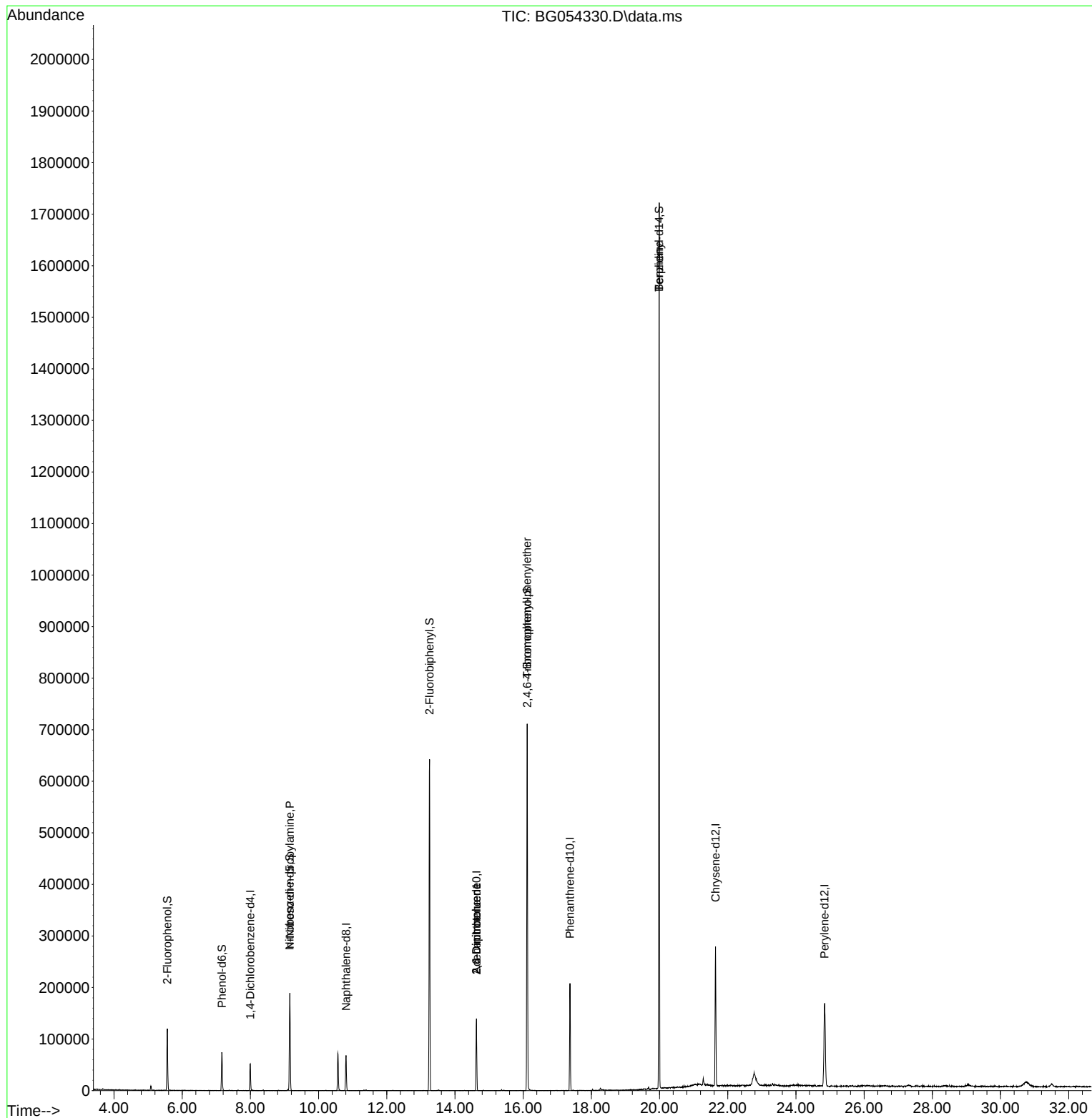
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.996	152	16730	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	61960	20.000	ng	# 0.00
39) Acenaphthene-d10	14.629	164	53707	20.000	ng	0.00
64) Phenanthrene-d10	17.373	188	152309	20.000	ng	# 0.00
76) Chrysene-d12	21.639	240	189979	20.000	ng	# 0.00
86) Perylene-d12	24.841	264	202902	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	53918	67.289	ng	0.00
7) Phenol-d6	7.162	99	43191	39.337	ng	0.00
23) Nitrobenzene-d5	9.153	82	114384	100.533	ng	0.00
42) 2,4,6-Tribromophenol	16.122	330	195280	173.175	ng	0.00
45) 2-Fluorobiphenyl	13.254	172	366452	96.254	ng	0.00
79) Terphenyl-d14	19.988	244	984124	102.764	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.159	70	17130	23.363	ng	# 76
51) 2,6-Dinitrotoluene	14.629	165	7653	8.317	ng	# 16
57) 2,4-Dinitrotoluene	14.629	165	7653	5.802	ng	# 21
67) 4-Bromophenyl-phenylether	16.116	248	11798	5.515	ng	# 1
77) Benzidine	19.988	184	13087	3.804	ng	# 91

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

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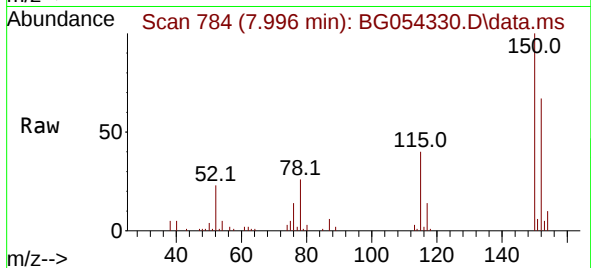
Quant Time: Jul 21 01:24:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 15:54:11 2022
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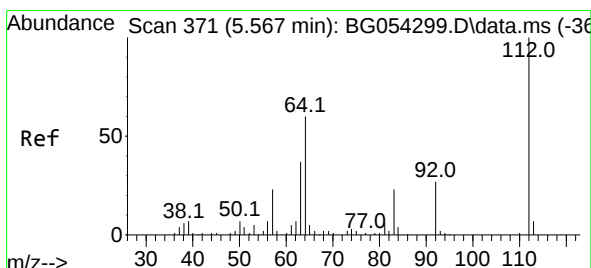
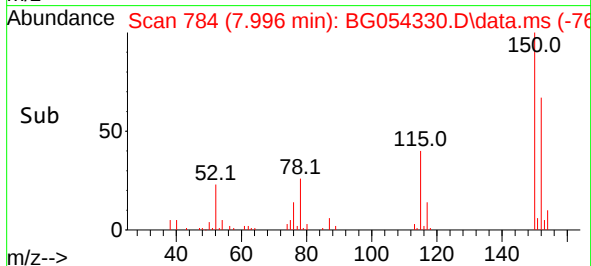
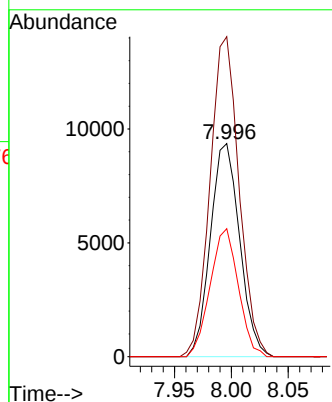


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.996 min Scan# 71
Delta R.T. -0.004 min
Lab File: BG054330.D
Acq: 20 Jul 2022 16:41

Instrument :
BNA_G
ClientSampleId :
MW-9F

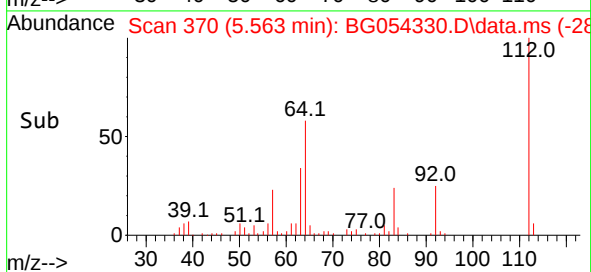
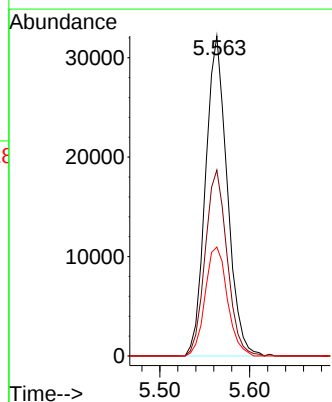
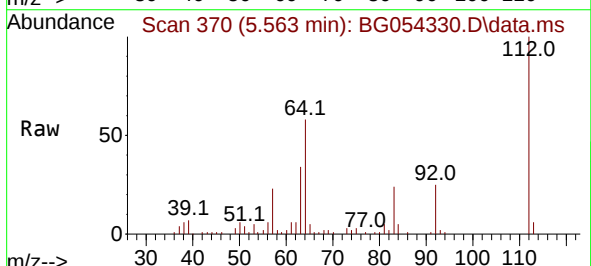


Tgt Ion:152 Resp: 16730
Ion Ratio Lower Upper
152 100
150 150.1 131.6 197.4
115 60.0 50.9 76.3



#5
2-Fluorophenol
Concen: 67.289 ng
RT: 5.563 min Scan# 370
Delta R.T. -0.004 min
Lab File: BG054330.D
Acq: 20 Jul 2022 16:41

Tgt Ion:112 Resp: 53918
Ion Ratio Lower Upper
112 100
64 58.1 55.1 82.7
63 34.1 30.4 45.6

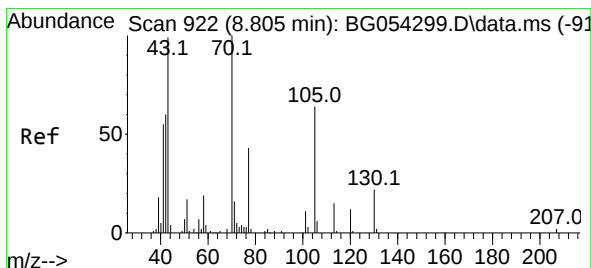
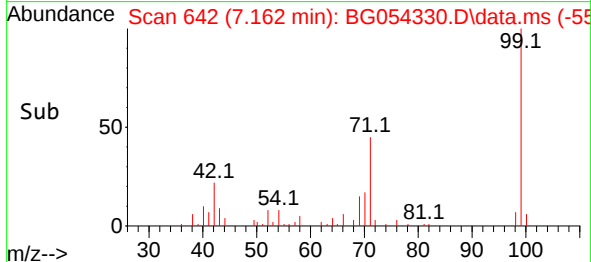
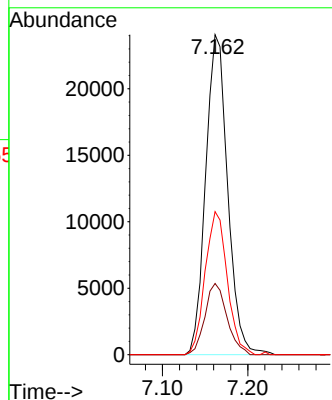
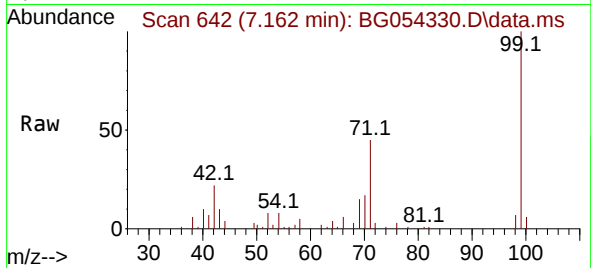




#7
Phenol-d6
Concen: 39.337 ng
RT: 7.162 min Scan# 64
Delta R.T. -0.010 min
Lab File: BG054330.D
Acq: 20 Jul 2022 16:41

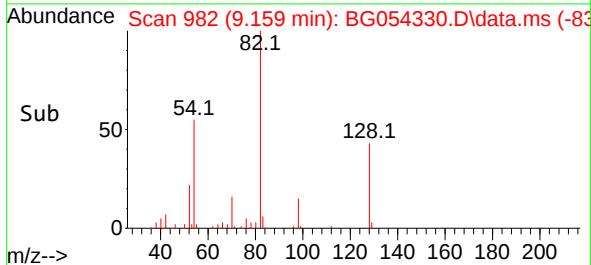
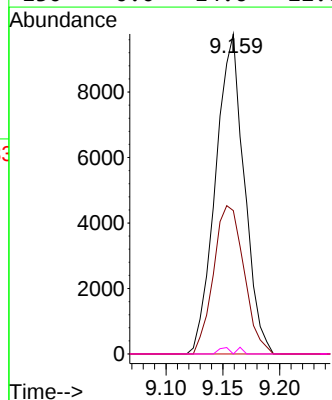
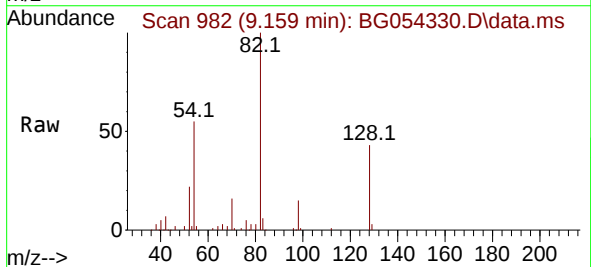
Instrument :
BNA_G
ClientSampleId :
MW-9F

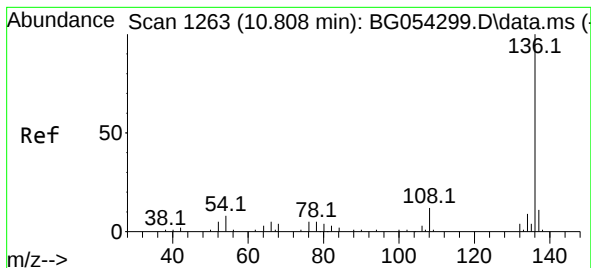
Tgt Ion: 99 Resp: 43191
Ion Ratio Lower Upper
99 100
42 22.3 17.0 25.6
71 44.7 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 23.363 ng
RT: 9.159 min Scan# 982
Delta R.T. 0.354 min
Lab File: BG054330.D
Acq: 20 Jul 2022 16:41

Tgt Ion: 70 Resp: 17130
Ion Ratio Lower Upper
70 100
42 44.8 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: 10.804 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG054330.D

Acq: 20 Jul 2022 16:41

Instrument :

BNA_G

ClientSampleId :

MW-9F

Tgt Ion:136 Resp: 61960

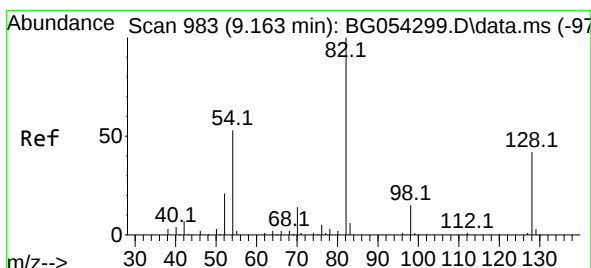
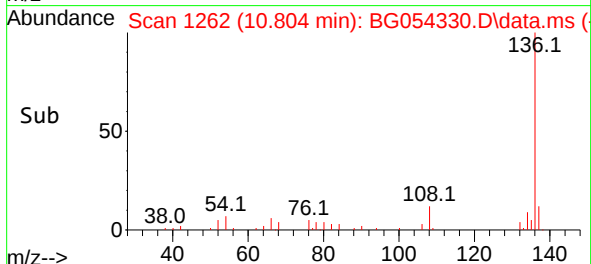
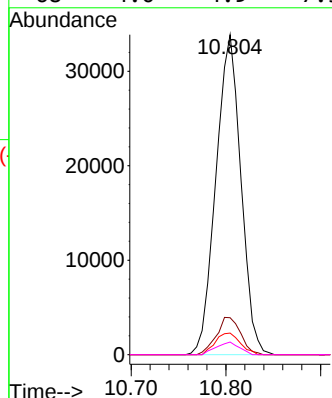
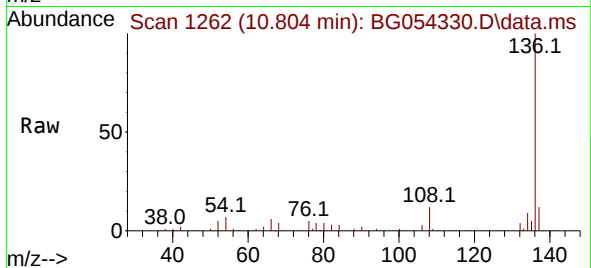
Ion Ratio Lower Upper

136 100

137 11.6 8.5 12.7

54 6.7 7.4 11.2#

68 4.0 4.9 7.3#



#23

Nitrobenzene-d5

Concen: 100.533 ng

RT: 9.153 min Scan# 981

Delta R.T. -0.010 min

Lab File: BG054330.D

Acq: 20 Jul 2022 16:41

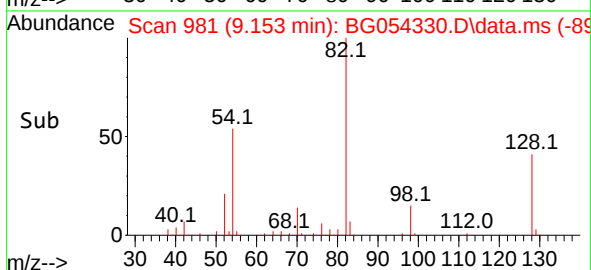
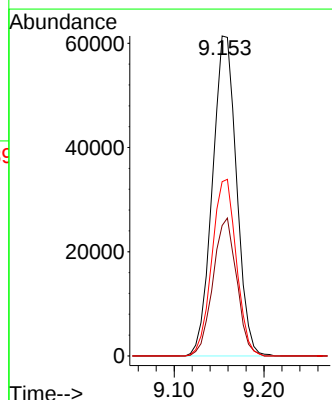
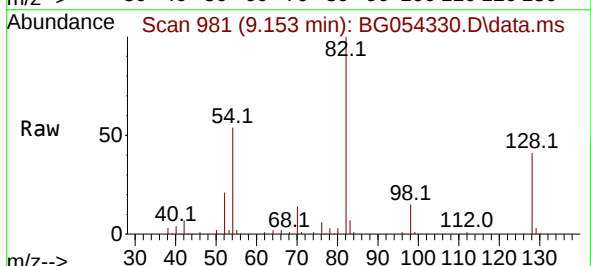
Tgt Ion: 82 Resp: 114384

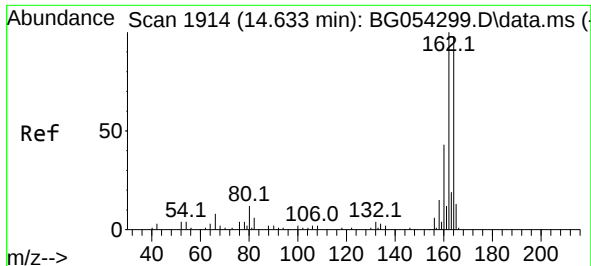
Ion Ratio Lower Upper

82 100

128 40.7 27.9 41.9

54 54.4 41.2 61.8

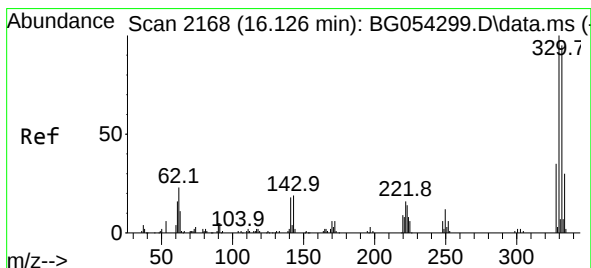
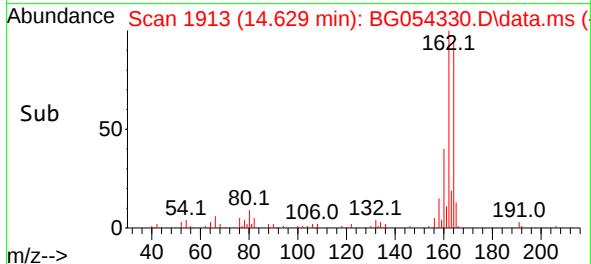
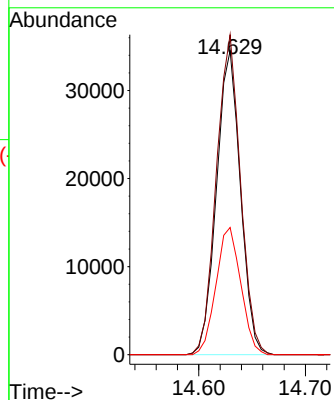
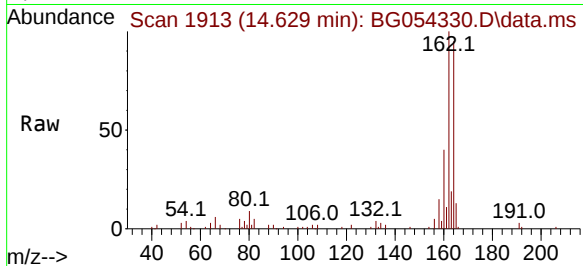




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.629 min Scan# 1914
Delta R.T. -0.004 min
Lab File: BG054330.D
Acq: 20 Jul 2022 16:41

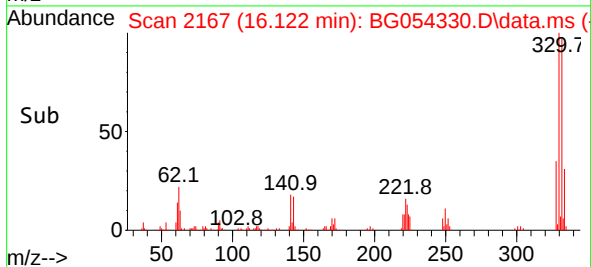
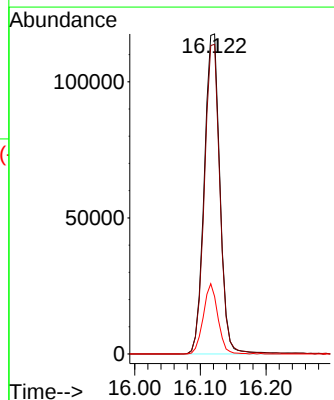
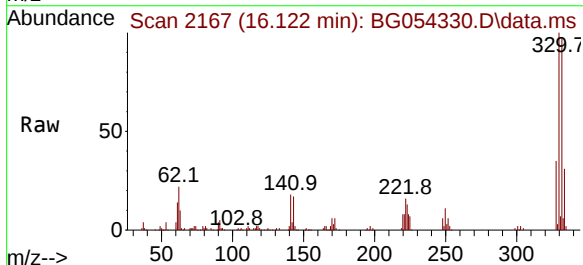
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Tgt Ion:164 Resp: 53707
Ion Ratio Lower Upper
164 100
162 105.2 82.3 123.5
160 41.8 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 173.175 ng
RT: 16.122 min Scan# 2167
Delta R.T. -0.004 min
Lab File: BG054330.D
Acq: 20 Jul 2022 16:41

Tgt Ion:330 Resp: 195280
Ion Ratio Lower Upper
330 100
332 96.3 76.0 114.0
141 20.4 27.1 40.7#

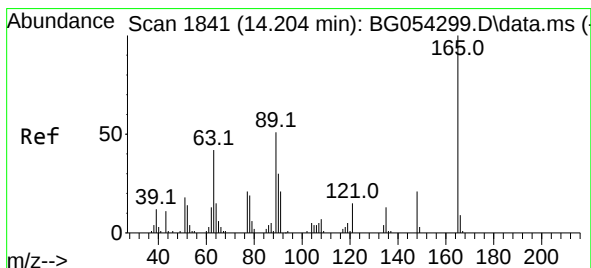
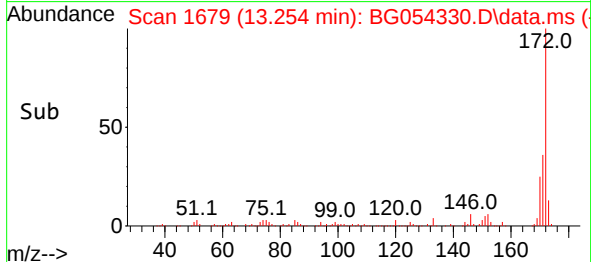
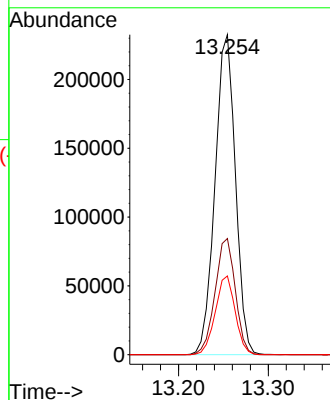
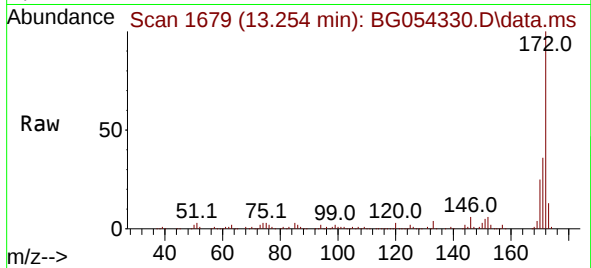




#45
2-Fluorobiphenyl
Concen: 96.254 ng
RT: 13.254 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG054330.D
Acq: 20 Jul 2022 16:41

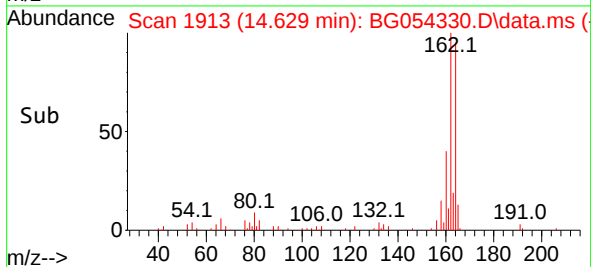
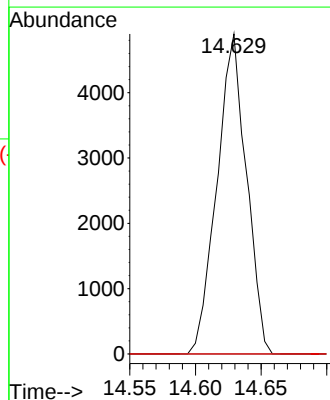
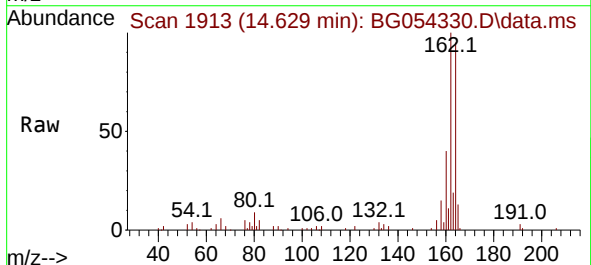
Instrument :
BNA_G
ClientSampleId :
MW-9F

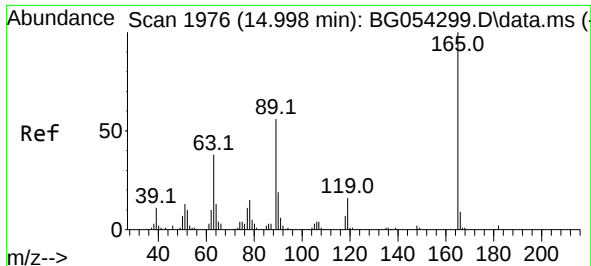
Tgt Ion:172 Resp: 366452
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 24.6 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.317 ng
RT: 14.629 min Scan# 1913
Delta R.T. 0.425 min
Lab File: BG054330.D
Acq: 20 Jul 2022 16:41

Tgt Ion:165 Resp: 7653
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

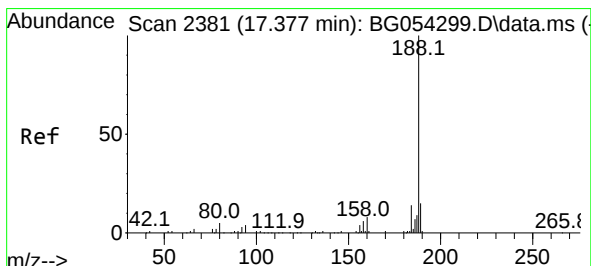
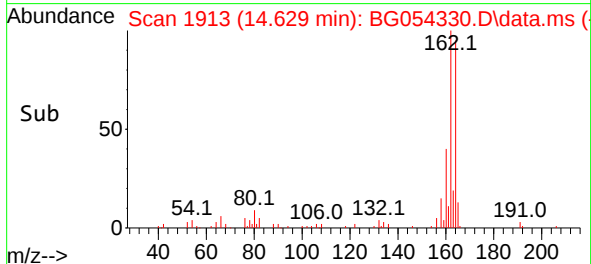
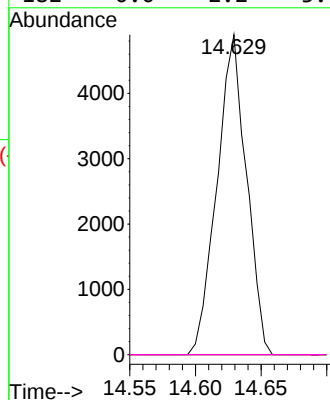
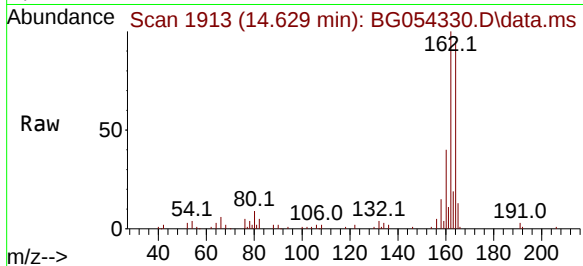




#57
2,4-Dinitrotoluene
Concen: 5.802 ng
RT: 14.629 min Scan# 1976
Delta R.T. -0.368 min
Lab File: BG054330.D
Acq: 20 Jul 2022 16:41

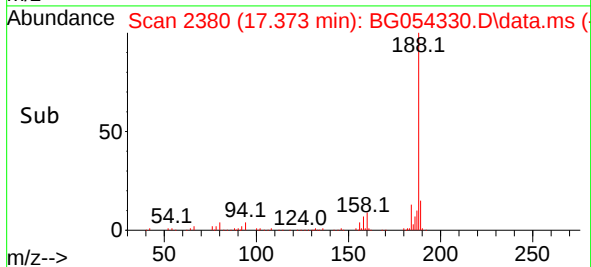
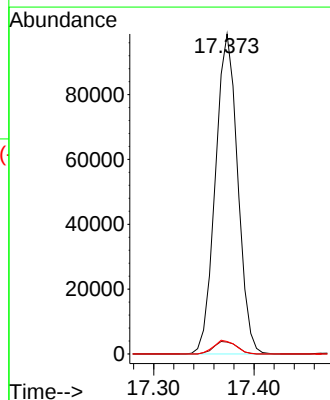
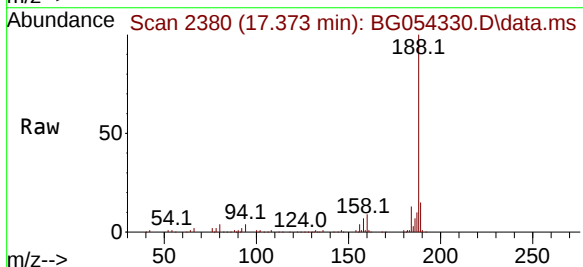
Instrument :
BNA_G
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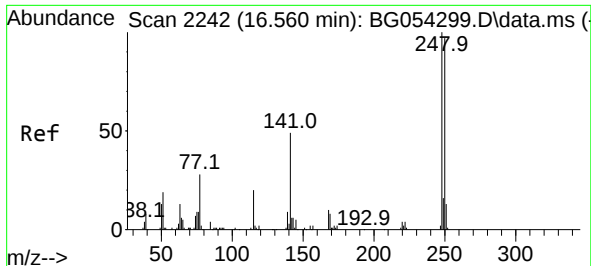
Tgt Ion:165	Resp:	7653
Ion Ratio	Lower	Upper
165	100	
63	0.0	34.6
89	0.0	60.3
182	0.0	2.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.373 min Scan# 2380
Delta R.T. -0.004 min
Lab File: BG054330.D
Acq: 20 Jul 2022 16:41

Tgt Ion:188	Resp:	152309
Ion Ratio	Lower	Upper
188	100	
94	3.7	5.4
80	3.9	6.8

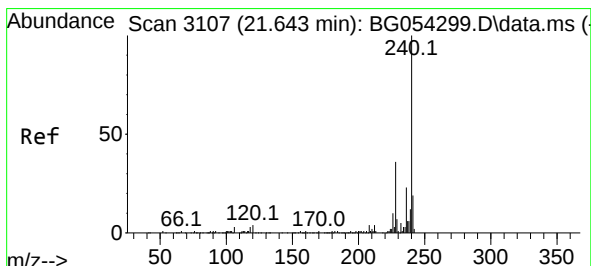
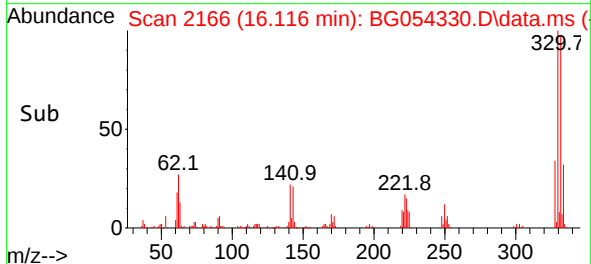
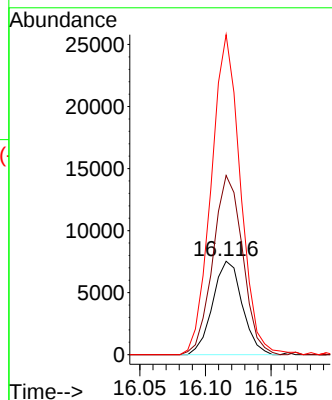
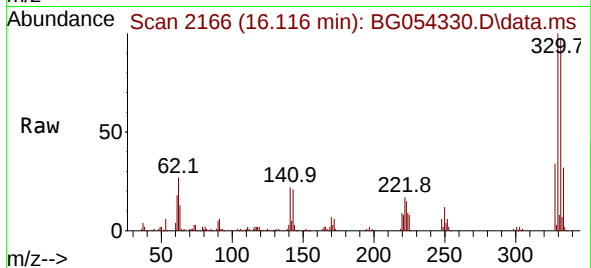




#67
4-Bromophenyl-phenylether
Concen: 5.515 ng
RT: 16.116 min Scan# 2166
Delta R.T. -0.445 min
Lab File: BG054330.D
Acq: 20 Jul 2022 16:41

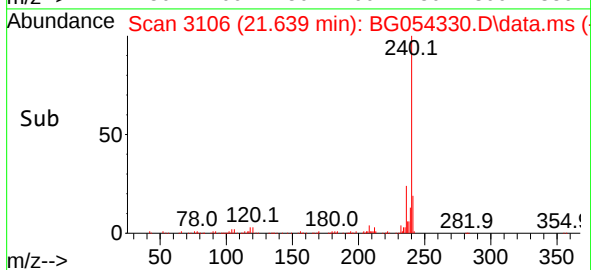
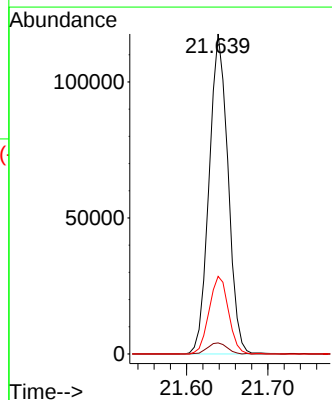
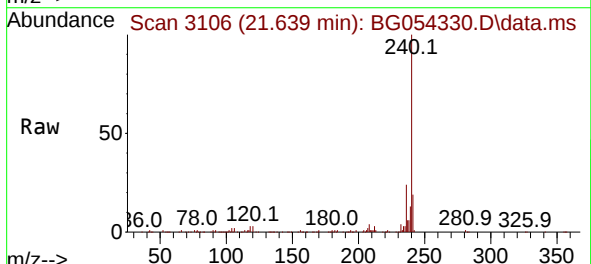
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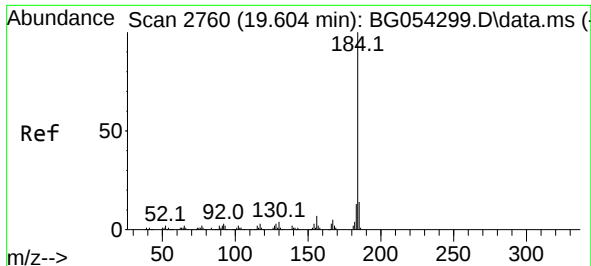
Tgt Ion:248 Resp: 11798
Ion Ratio Lower Upper
248 100
250 191.8 75.2 112.8#
141 342.5 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3106
Delta R.T. -0.004 min
Lab File: BG054330.D
Acq: 20 Jul 2022 16:41

Tgt Ion:240 Resp: 189979
Ion Ratio Lower Upper
240 100
120 3.5 4.6 7.0#
236 24.2 20.2 30.4

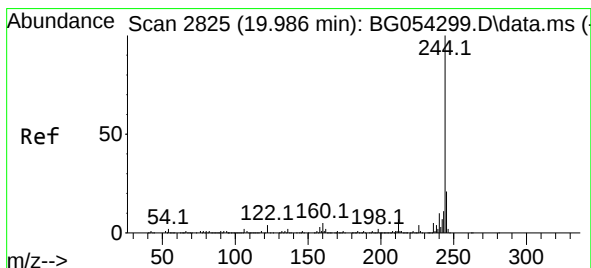
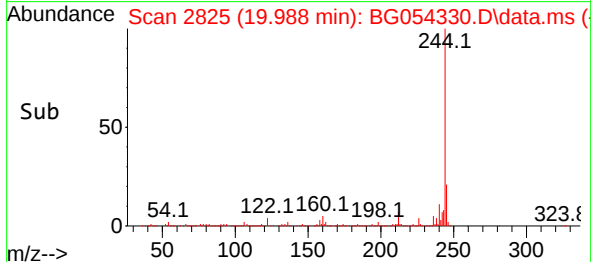
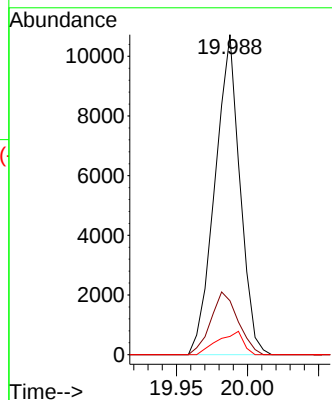
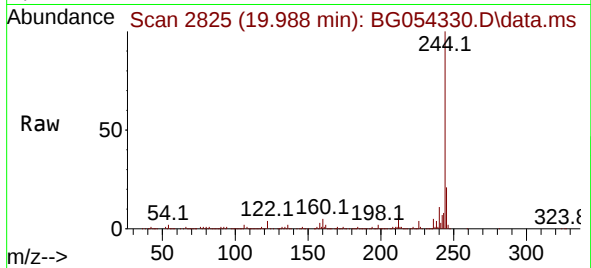




#77
Benzidine
Concen: 3.804 ng
RT: 19.988 min Scan# 2825
Delta R.T. 0.384 min
Lab File: BG054330.D
Acq: 20 Jul 2022 16:41

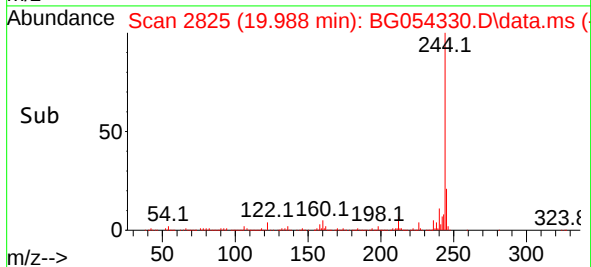
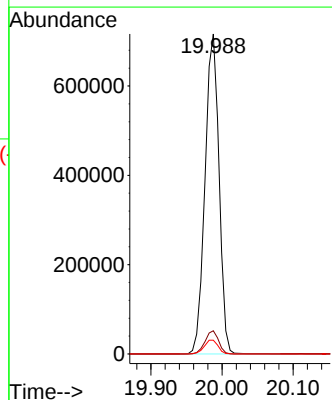
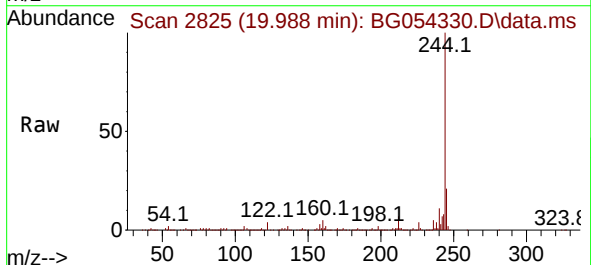
Instrument :
BNA_G
ClientSampleId :
MW-9F

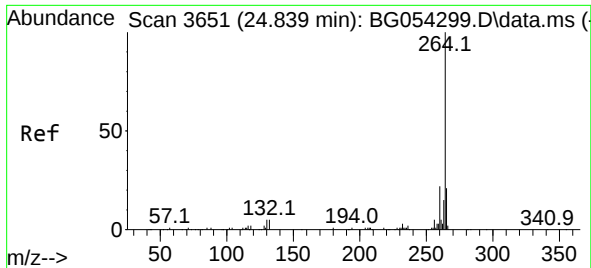
Tgt Ion:184 Resp: 13087
Ion Ratio Lower Upper
184 100
185 16.9 11.8 17.6
183 5.7 8.9 13.3#



#79
Terphenyl-d14
Concen: 102.764 ng
RT: 19.988 min Scan# 2825
Delta R.T. 0.002 min
Lab File: BG054330.D
Acq: 20 Jul 2022 16:41

Tgt Ion:244 Resp: 984124
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 4.3 5.0 7.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.841 min Scan# 30
 Delta R.T. 0.002 min
 Lab File: BG054330.D
 Acq: 20 Jul 2022 16:41

Instrument :
 BNA_G
 ClientSampleId :
 MW-9F

Tgt Ion:264 Resp: 202902
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.0 28.6
 265 21.8 17.4 26.2

