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 Data File : BG054804.D
 Acq On : 31 Aug 2022 13:13
 Operator : CG/JU
 Sample : N4423-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-2

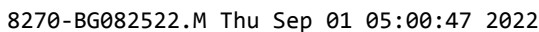
Quant Time: Sep 01 05:00:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

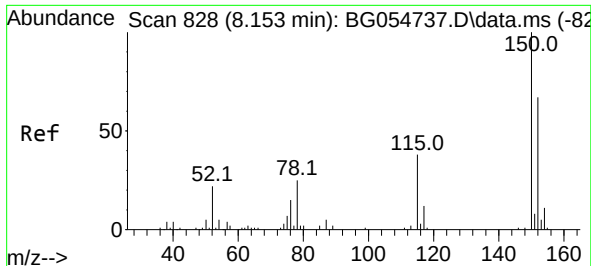
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.149	152	39556	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	157912	20.000	ng	# 0.00
39) Acenaphthene-d10	14.783	164	107320	20.000	ng	0.00
64) Phenanthrene-d10	17.532	188	263981	20.000	ng	0.00
76) Chrysene-d12	21.821	240	263300	20.000	ng	0.00
86) Perylene-d12	25.194	264	277467	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	278346	122.535	ng	0.00
7) Phenol-d6	7.297	99	384393	123.737	ng	0.00
23) Nitrobenzene-d5	9.324	82	229201	76.196	ng	0.00
42) 2,4,6-Tribromophenol	16.269	330	209268	156.050	ng	0.00
45) 2-Fluorobiphenyl	13.408	172	569933	79.819	ng	0.00
79) Terphenyl-d14	20.129	244	1099081	82.708	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.324	70	29156	13.648	ng	# 78
51) 2,6-Dinitrotoluene	14.783	165	14309	8.461	ng	# 23
67) 4-Bromophenyl-phenylether	16.269	248	13939	4.809	ng	# 1
77) Benzidine	20.129	184	16751	2.569	ng	# 91

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

Quant Time: Sep 01 05:00:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration

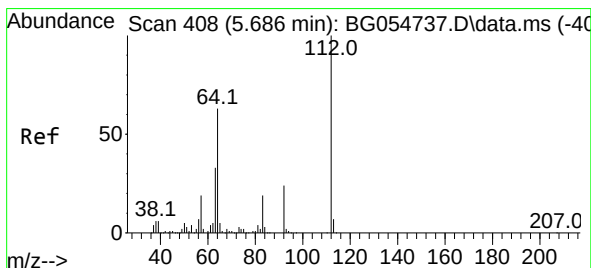
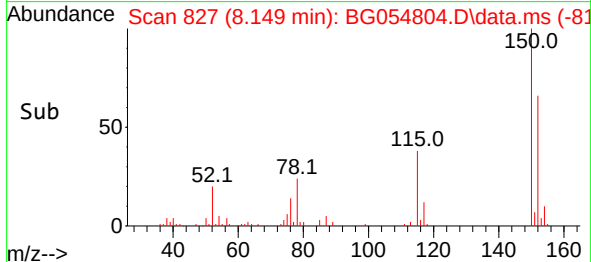
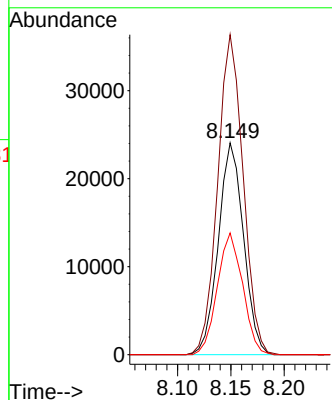
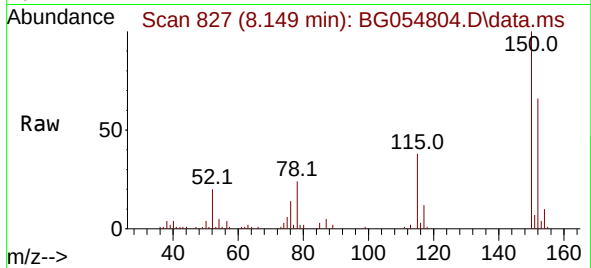




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.149 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG054804.D
Acq: 31 Aug 2022 13:13

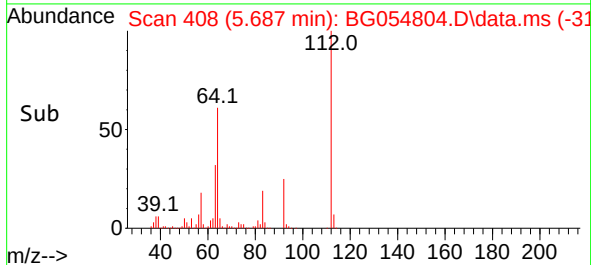
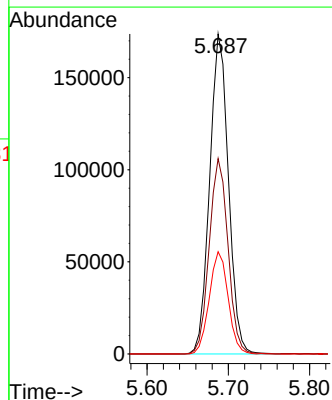
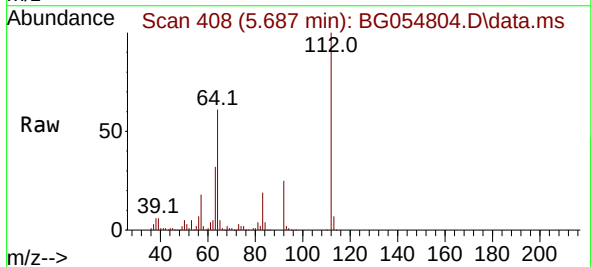
Instrument :
BNA_G
ClientSampleId :
WC-2

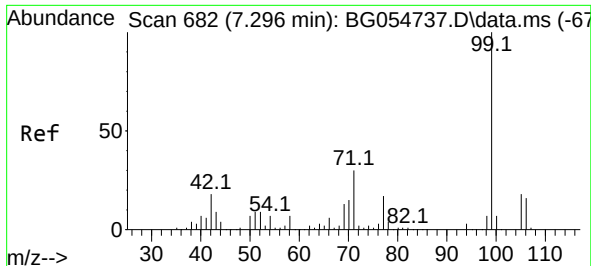
Tgt Ion:152 Resp: 39556
Ion Ratio Lower Upper
152 100
150 151.1 125.2 187.8
115 57.5 47.9 71.9



#5
2-Fluorophenol
Concen: 122.535 ng
RT: 5.687 min Scan# 408
Delta R.T. 0.002 min
Lab File: BG054804.D
Acq: 31 Aug 2022 13:13

Tgt Ion:112 Resp: 278346
Ion Ratio Lower Upper
112 100
64 61.1 49.3 73.9
63 31.9 26.3 39.5

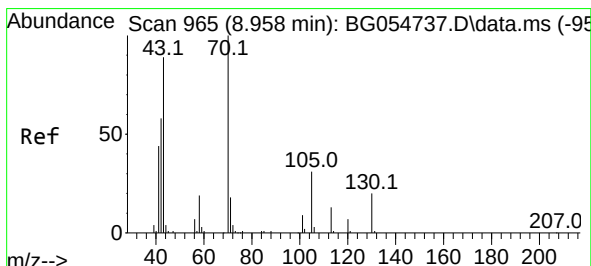
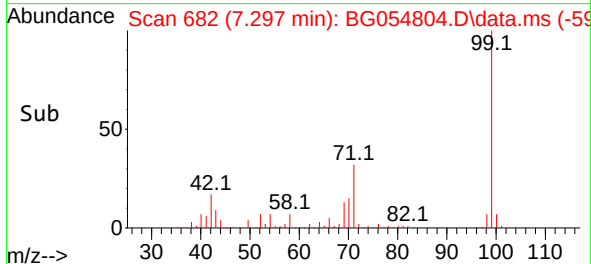
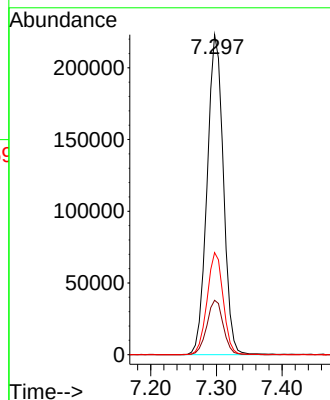
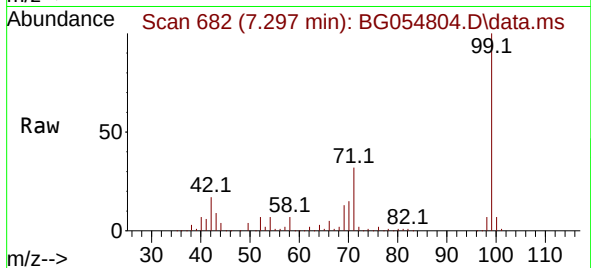




#7
Phenol-d6
Concen: 123.737 ng
RT: 7.297 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG054804.D
Acq: 31 Aug 2022 13:13

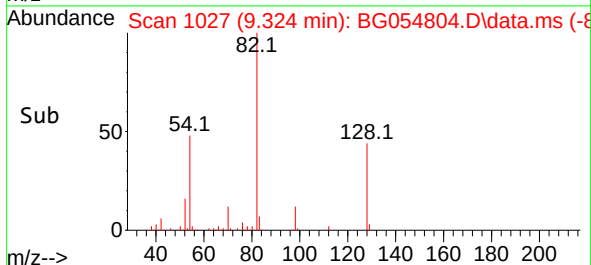
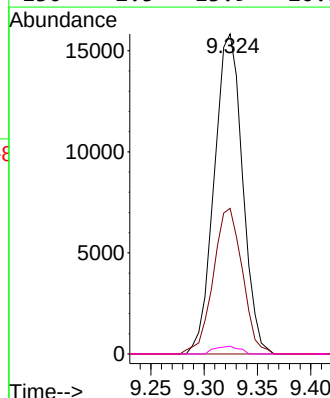
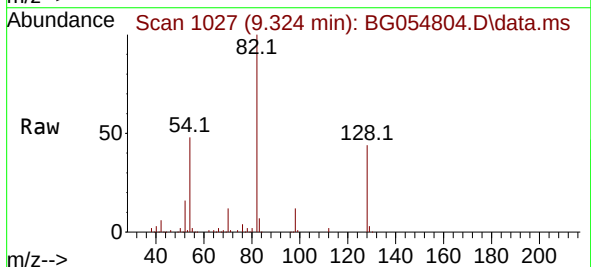
Instrument :
BNA_G
ClientSampleId :
WC-2

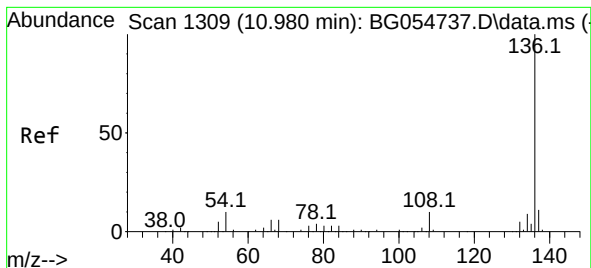
Tgt Ion: 99 Resp: 384393
Ion Ratio Lower Upper
99 100
42 17.0 14.6 22.0
71 31.9 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.648 ng
RT: 9.324 min Scan# 1027
Delta R.T. 0.366 min
Lab File: BG054804.D
Acq: 31 Aug 2022 13:13

Tgt Ion: 70 Resp: 29156
Ion Ratio Lower Upper
70 100
42 45.5 46.6 69.8#
101 0.0 7.7 11.5#
130 2.5 13.9 20.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.975 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG054804.D

Acq: 31 Aug 2022 13:13

Instrument :

BNA_G

ClientSampleId :

WC-2

Tgt Ion:136 Resp: 157912

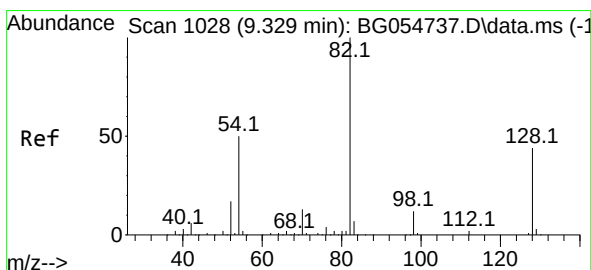
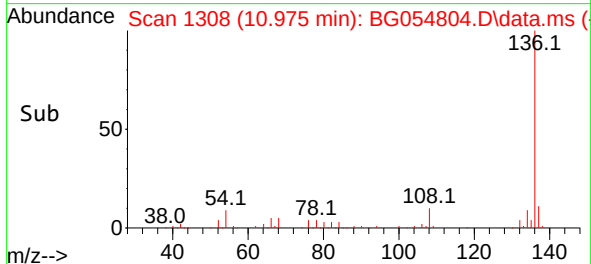
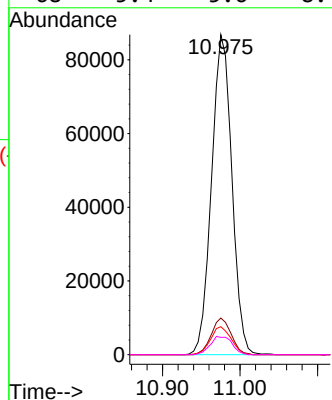
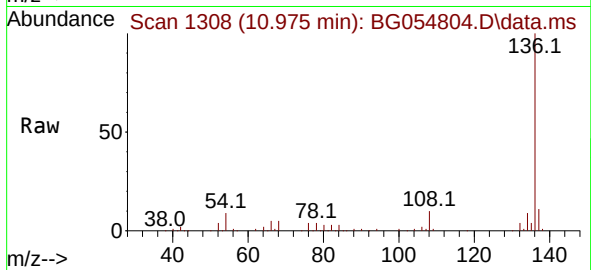
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 8.8 7.7 11.5

68 5.4 5.6 8.4#



#23

Nitrobenzene-d5

Concen: 76.196 ng

RT: 9.324 min Scan# 1027

Delta R.T. -0.004 min

Lab File: BG054804.D

Acq: 31 Aug 2022 13:13

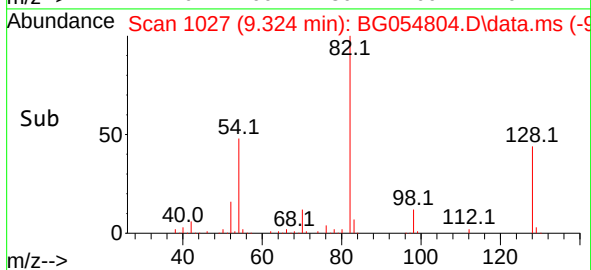
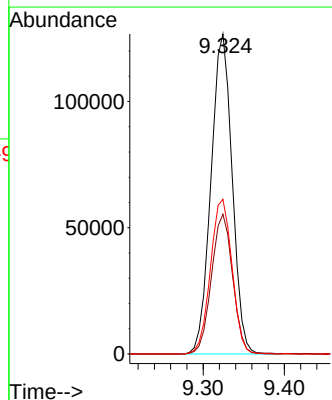
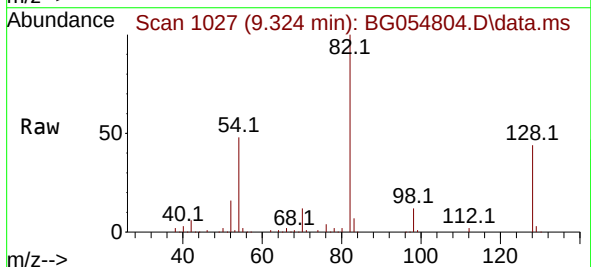
Tgt Ion: 82 Resp: 229201

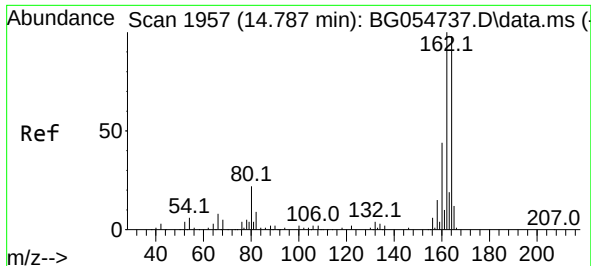
Ion Ratio Lower Upper

82 100

128 43.7 32.2 48.2

54 48.4 41.4 62.0

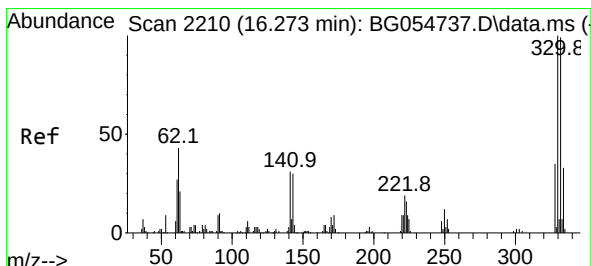
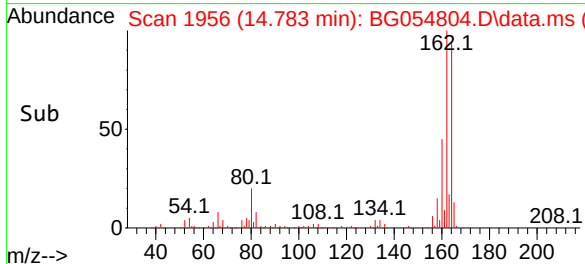
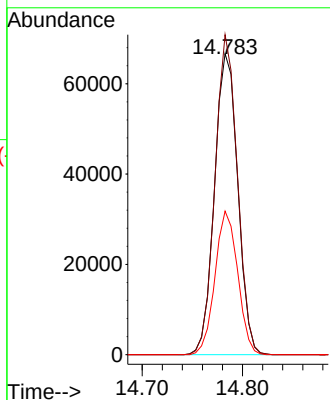
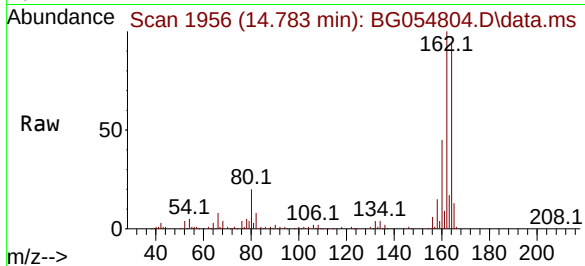




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.783 min Scan# 1956
Delta R.T. -0.004 min
Lab File: BG054804.D
Acq: 31 Aug 2022 13:13

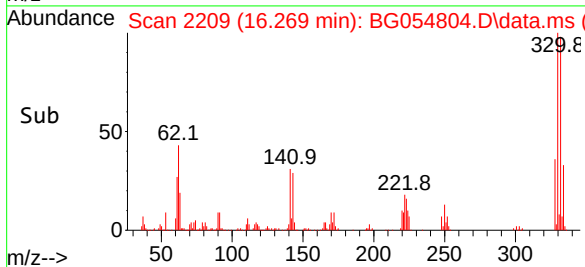
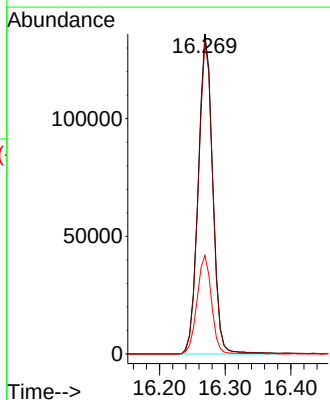
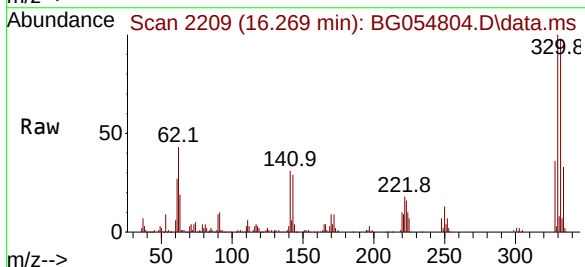
Instrument :
BNA_G
ClientSampleId :
WC-2

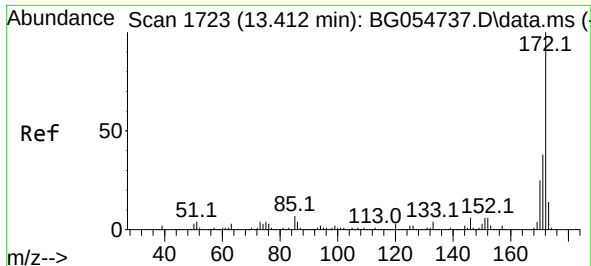
Tgt Ion:164 Resp: 107320
Ion Ratio Lower Upper
164 100
162 106.3 83.0 124.4
160 47.6 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 156.050 ng
RT: 16.269 min Scan# 2209
Delta R.T. -0.004 min
Lab File: BG054804.D
Acq: 31 Aug 2022 13:13

Tgt Ion:330 Resp: 209268
Ion Ratio Lower Upper
330 100
332 97.9 79.8 119.6
141 30.7 26.8 40.2

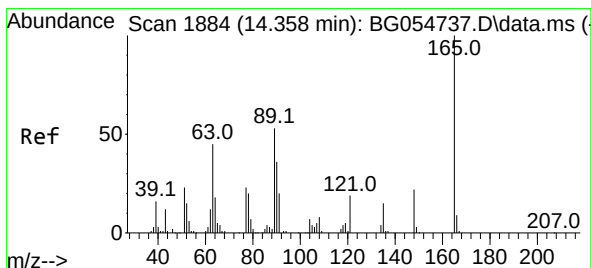
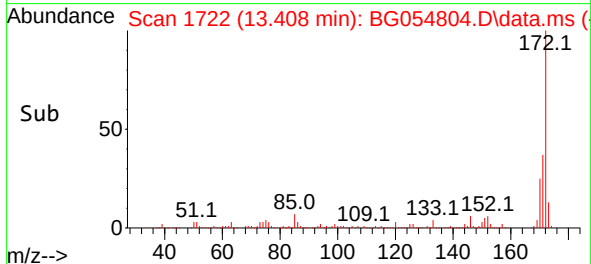
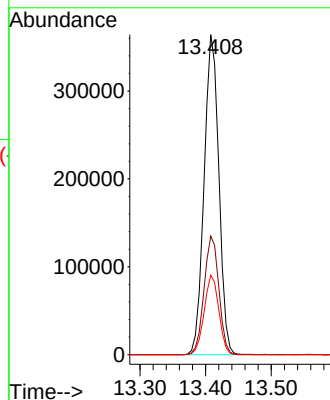
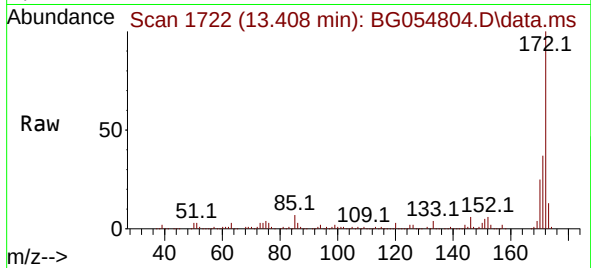




#45
2-Fluorobiphenyl
Concen: 79.819 ng
RT: 13.408 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG054804.D
Acq: 31 Aug 2022 13:13

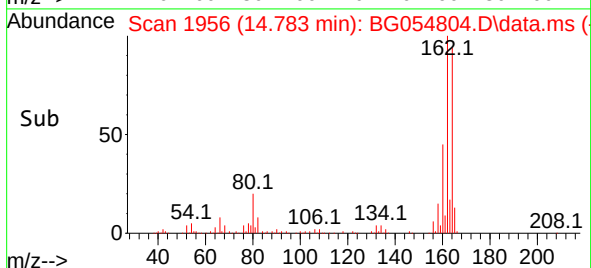
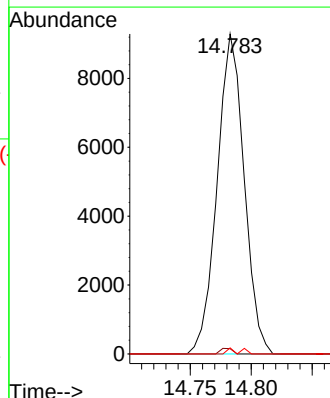
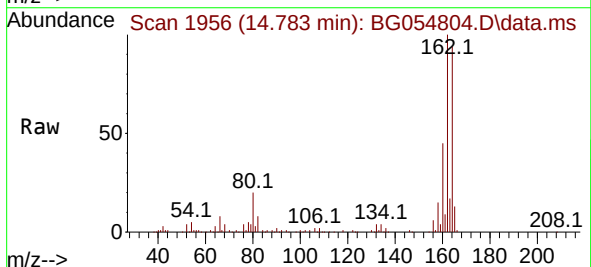
Instrument :
BNA_G
ClientSampleId :
WC-2

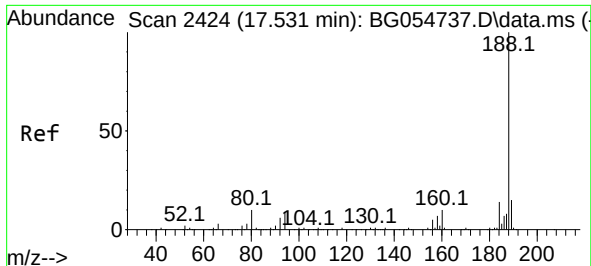
Tgt Ion:172 Resp: 569933
Ion Ratio Lower Upper
172 100
171 37.1 31.2 46.8
170 24.8 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.461 ng
RT: 14.783 min Scan# 1956
Delta R.T. 0.425 min
Lab File: BG054804.D
Acq: 31 Aug 2022 13:13

Tgt Ion:165 Resp: 14309
Ion Ratio Lower Upper
165 100
63 1.7 46.0 69.0#
89 1.9 50.3 75.5#

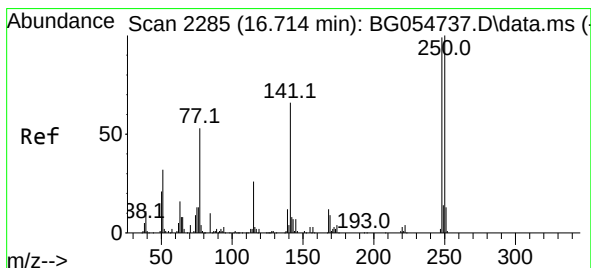
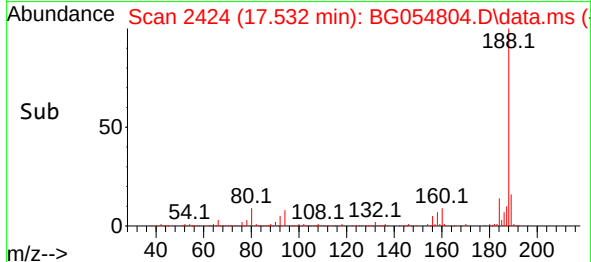
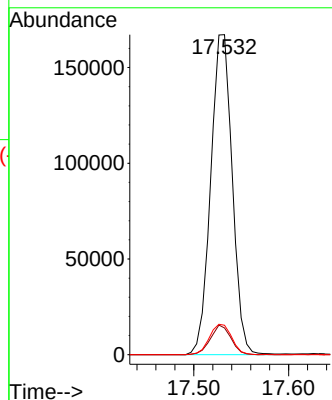
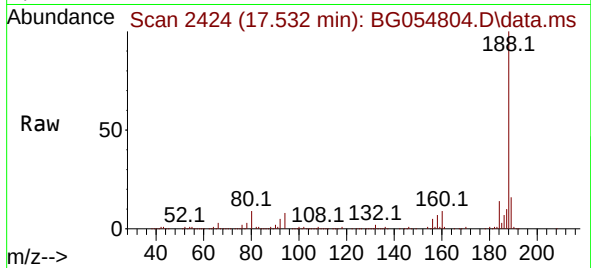




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.532 min Scan# 2424
Delta R.T. 0.002 min
Lab File: BG054804.D
Acq: 31 Aug 2022 13:13

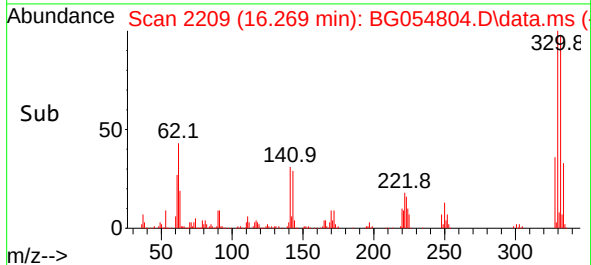
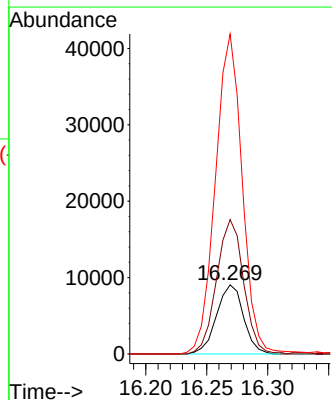
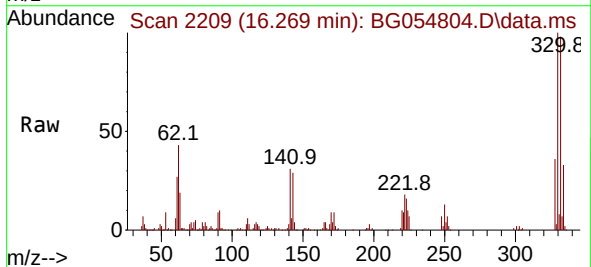
Instrument :
BNA_G
ClientSampleId :
WC-2

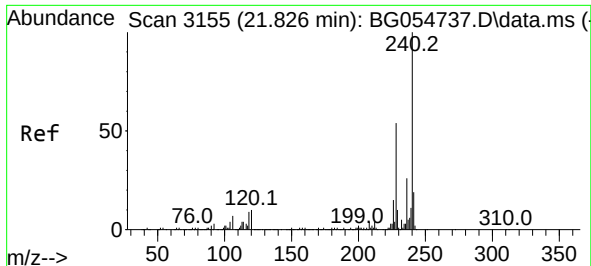
Tgt Ion:188 Resp: 263981
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.4
80 9.2 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.809 ng
RT: 16.269 min Scan# 2209
Delta R.T. -0.445 min
Lab File: BG054804.D
Acq: 31 Aug 2022 13:13

Tgt Ion:248 Resp: 13939
Ion Ratio Lower Upper
248 100
250 194.2 78.8 118.2#
141 462.5 51.9 77.9#

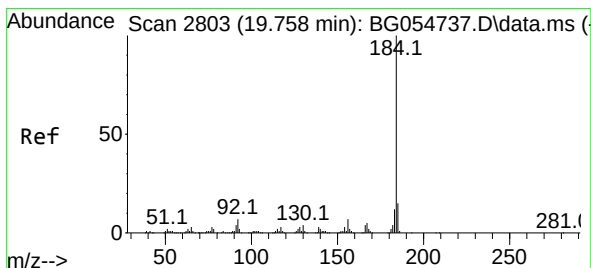
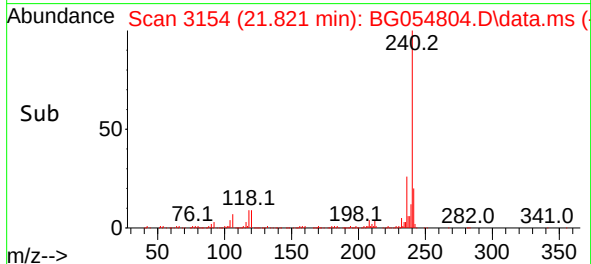
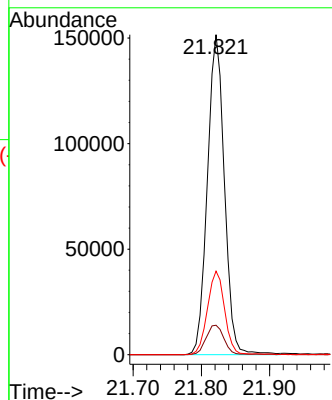
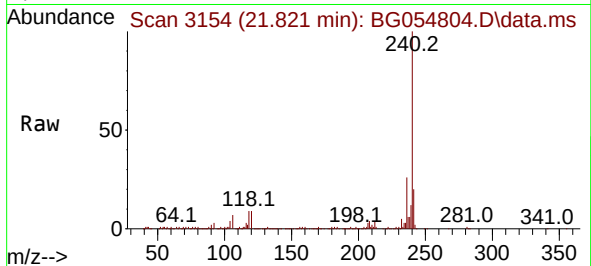




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.821 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG054804.D
Acq: 31 Aug 2022 13:13

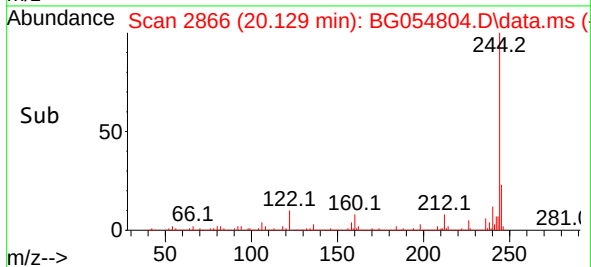
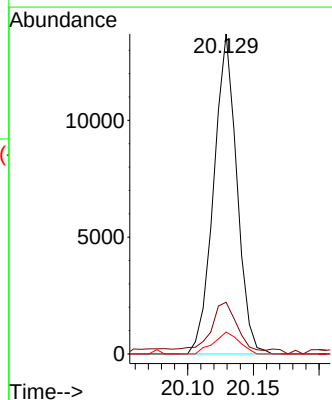
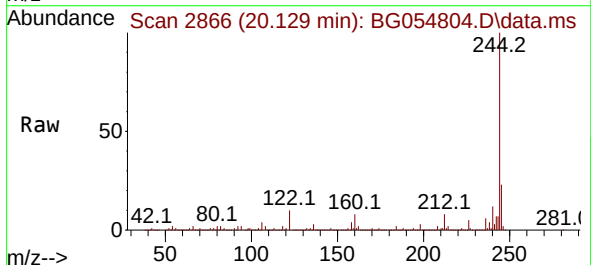
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ClientSampleId :
WC-2

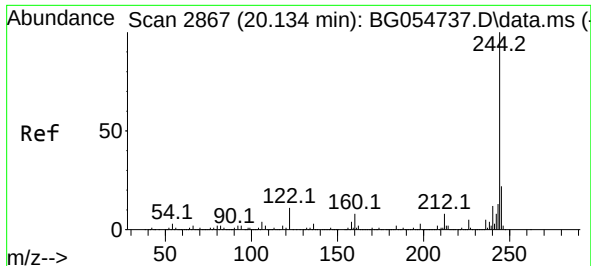
Tgt Ion:240 Resp: 263300
Ion Ratio Lower Upper
240 100
120 9.2 8.2 12.4
236 26.1 21.2 31.8



#77
Benzidine
Concen: 2.569 ng
RT: 20.129 min Scan# 2866
Delta R.T. 0.372 min
Lab File: BG054804.D
Acq: 31 Aug 2022 13:13

Tgt Ion:184 Resp: 16751
Ion Ratio Lower Upper
184 100
185 16.2 11.4 17.0
183 6.9 9.8 14.8#

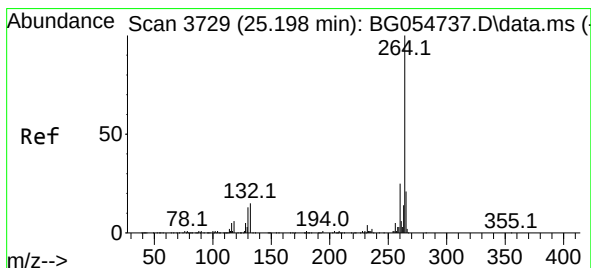
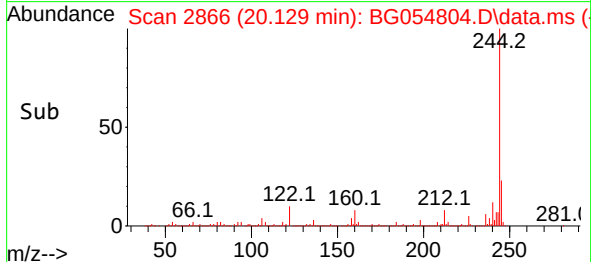
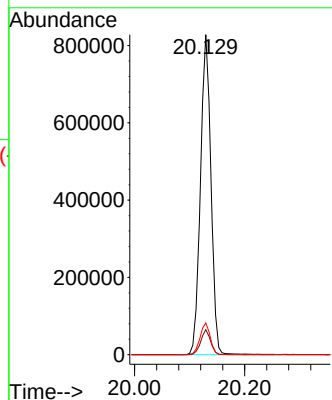
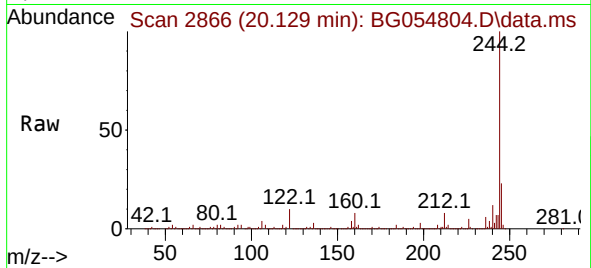




#79
 Terphenyl-d14
 Concen: 82.708 ng
 RT: 20.129 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG054804.D
 Acq: 31 Aug 2022 13:13

Instrument :
 BNA_G
 ClientSampleId :
 WC-2

Tgt Ion:244 Resp: 1099081
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 9.9 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.194 min Scan# 3728
 Delta R.T. -0.004 min
 Lab File: BG054804.D
 Acq: 31 Aug 2022 13:13

Tgt Ion:264 Resp: 277467
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.9 29.9
 265 22.5 16.9 25.3

