

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102822\
 Data File : BG055345.D
 Acq On : 28 Oct 2022 17:18
 Operator : CG/JU
 Sample : N5284-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-3-WC

Quant Time: Oct 29 04:54:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

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

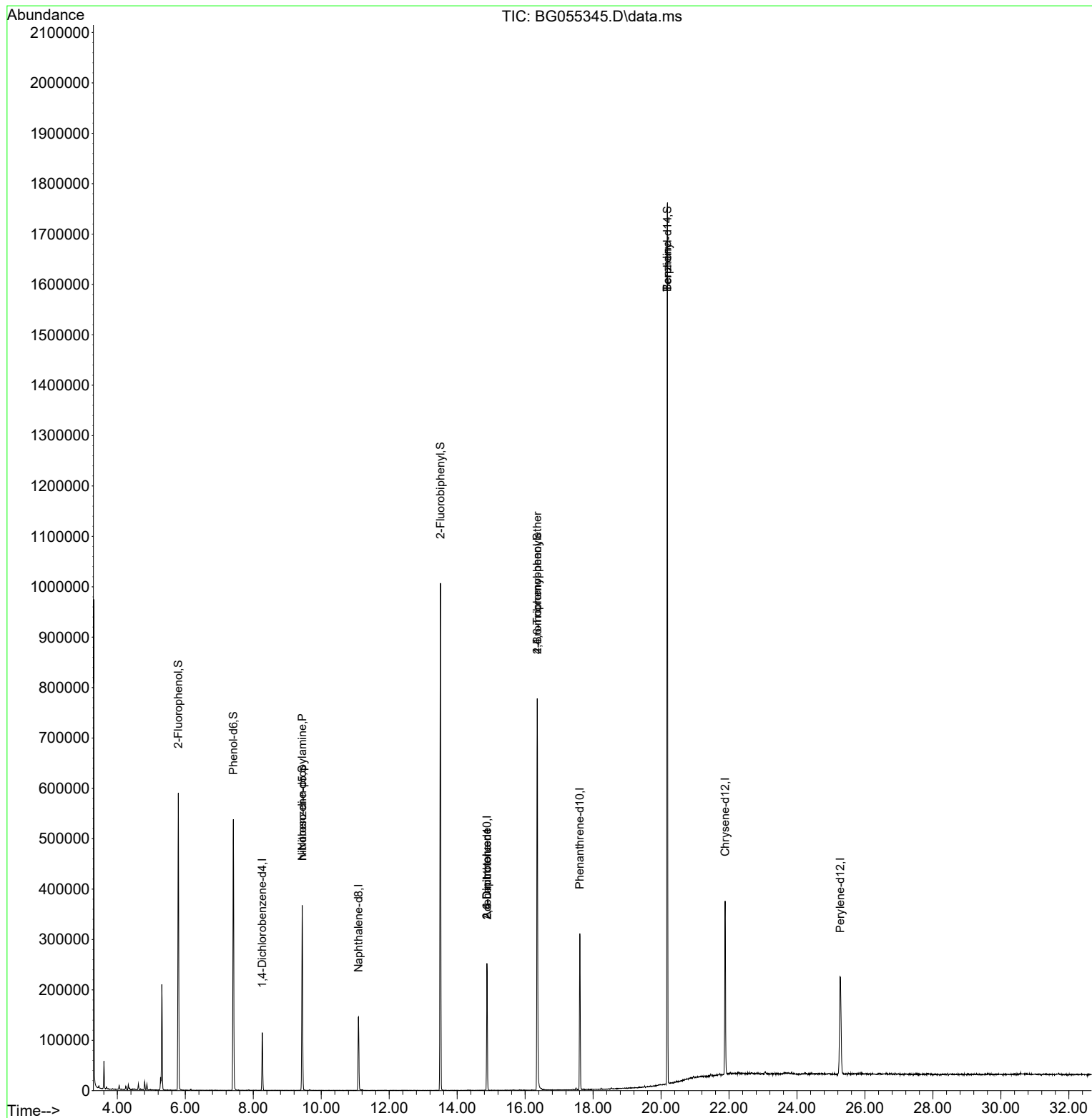
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.265	152	32002	20.000	ng	0.00
21) Naphthalene-d8	11.097	136	132216	20.000	ng	# 0.00
39) Acenaphthene-d10	14.875	164	89044	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	205947	20.000	ng	0.00
76) Chrysene-d12	21.884	240	210577	20.000	ng	0.00
86) Perylene-d12	25.274	264	220199	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	268168	146.727	ng	0.00
7) Phenol-d6	7.413	99	328562	124.085	ng	0.00
23) Nitrobenzene-d5	9.440	82	234990	90.756	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	173010	178.732	ng	0.00
45) 2-Fluorobiphenyl	13.506	172	531171	97.637	ng	0.00
79) Terphenyl-d14	20.186	244	894004	88.208	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.440	70	30968	14.084	ng	# 78
51) 2,6-Dinitrotoluene	14.875	165	11268	7.921	ng	# 19
57) 2,4-Dinitrotoluene	14.875	165	11268	5.458	ng	# 18
67) 4-Bromophenyl-phenylether	16.355	248	10678	5.337	ng	# 1
77) Benzidine	20.180	184	13434	2.635	ng	# 90

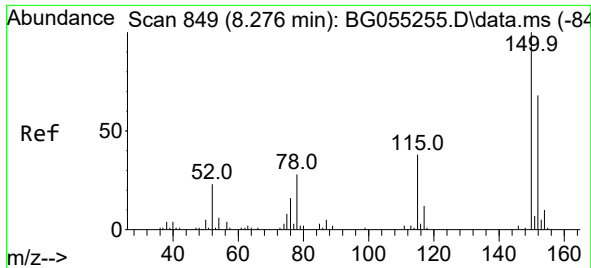
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 29 04:54:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 04:52:38 2022
Response via : Initial Calibration

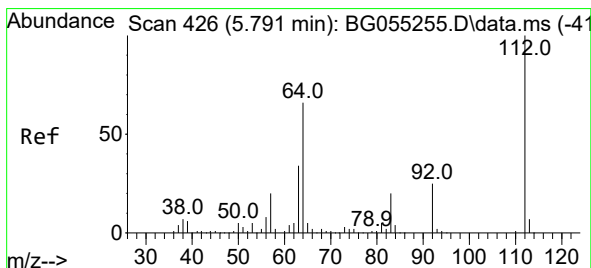
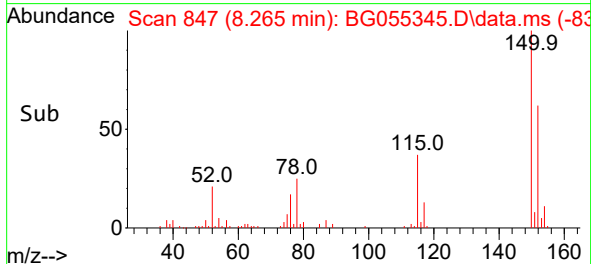
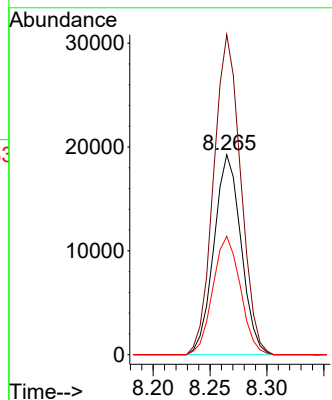
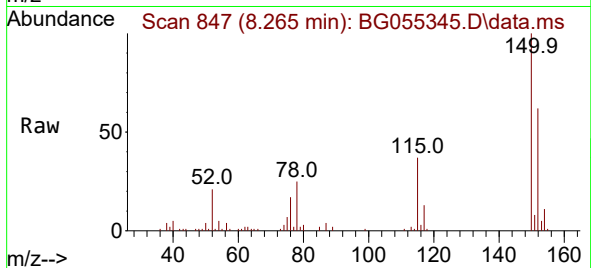




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.265 min Scan# 84
Delta R.T. -0.000 min
Lab File: BG055345.D
Acq: 28 Oct 2022 17:18

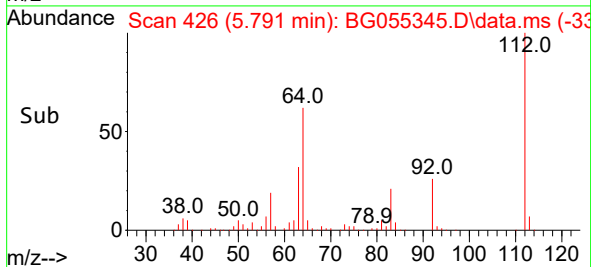
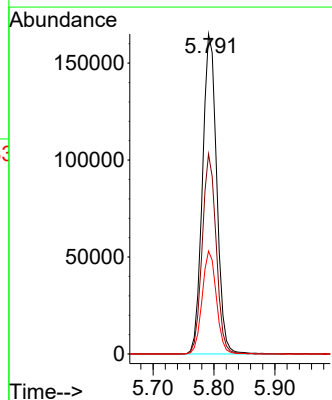
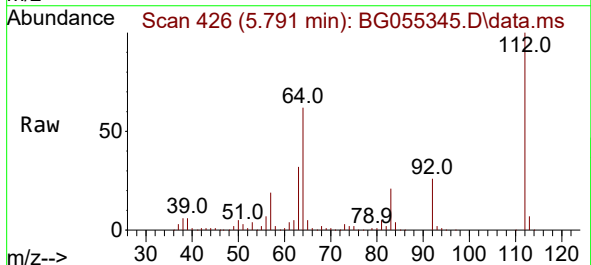
Instrument :
BNA_G
ClientSampleId :
MH-3-WC

Tgt Ion:152 Resp: 32002
Ion Ratio Lower Upper
152 100
150 160.0 118.2 177.4
115 59.2 44.5 66.7



#5
2-Fluorophenol
Concen: 146.727 ng
RT: 5.791 min Scan# 426
Delta R.T. 0.006 min
Lab File: BG055345.D
Acq: 28 Oct 2022 17:18

Tgt Ion:112 Resp: 268168
Ion Ratio Lower Upper
112 100
64 62.5 52.6 78.8
63 32.2 27.1 40.7

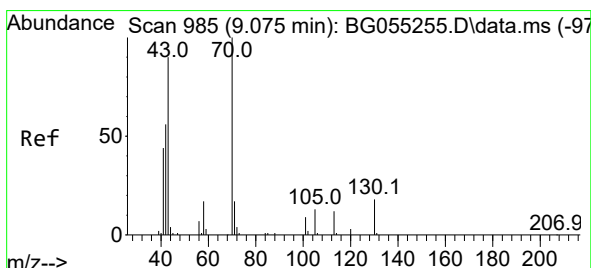
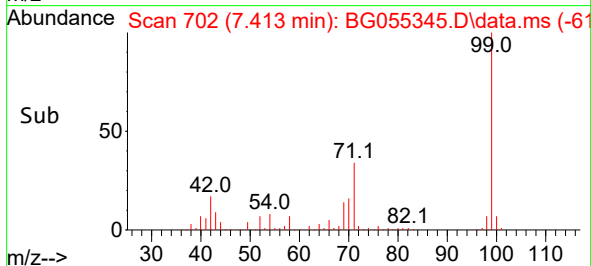
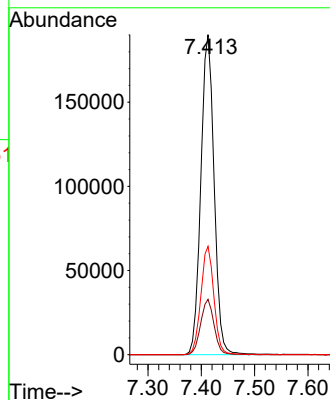
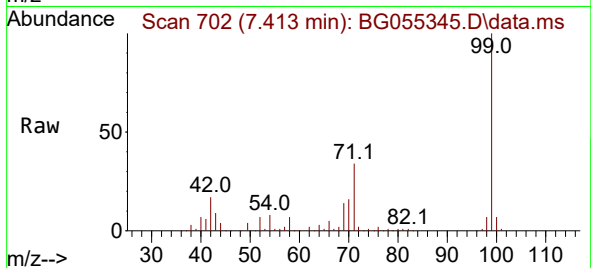




#7
Phenol-d6
Concen: 124.085 ng
RT: 7.413 min Scan# 702
Delta R.T. -0.000 min
Lab File: BG055345.D
Acq: 28 Oct 2022 17:18

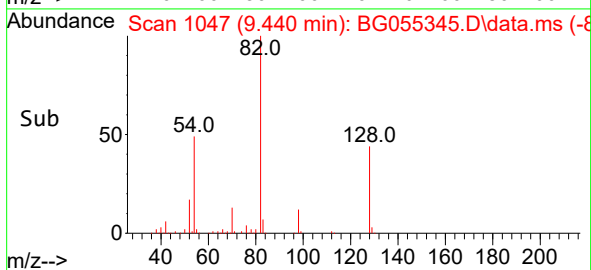
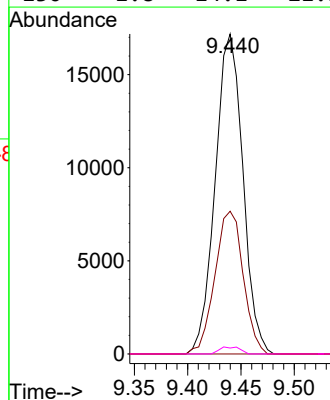
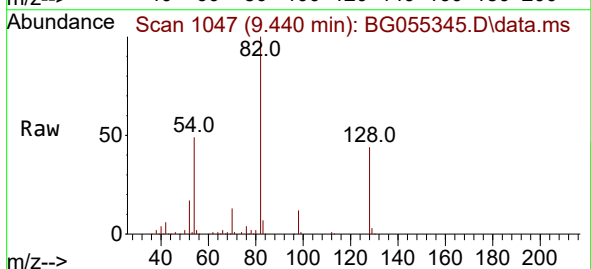
Instrument :
BNA_G
ClientSampleId :
MH-3-WC

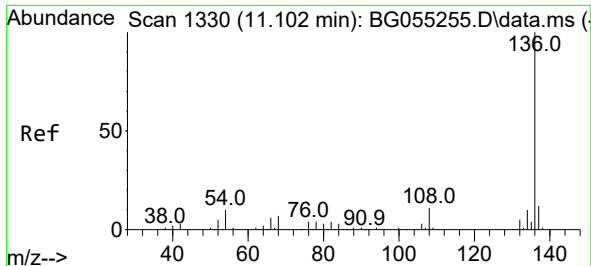
Tgt Ion: 99 Resp: 328562
Ion Ratio Lower Upper
99 100
42 17.3 15.2 22.8
71 33.8 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.084 ng
RT: 9.440 min Scan# 1047
Delta R.T. 0.370 min
Lab File: BG055345.D
Acq: 28 Oct 2022 17:18

Tgt Ion: 70 Resp: 30968
Ion Ratio Lower Upper
70 100
42 44.6 45.8 68.6#
101 0.0 7.4 11.0#
130 1.8 14.1 21.1#

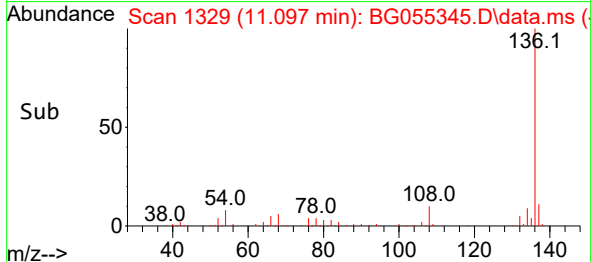
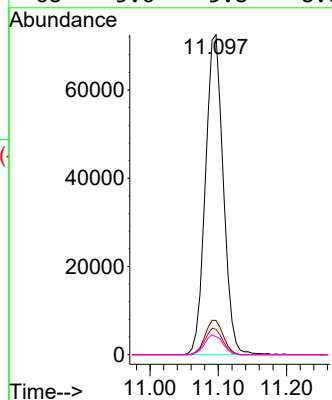
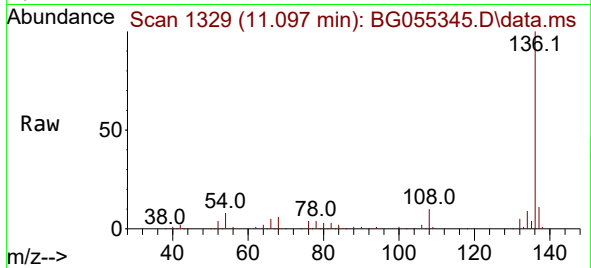




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.097 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG055345.D
Acq: 28 Oct 2022 17:18

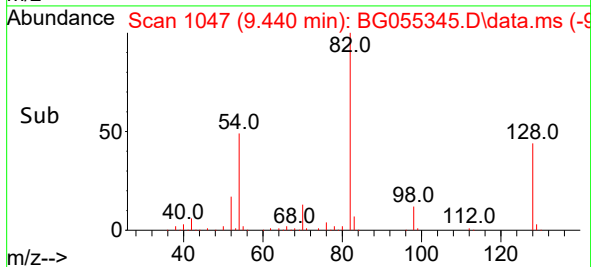
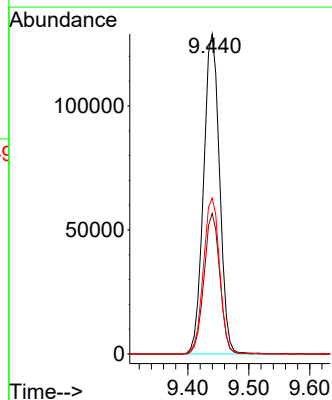
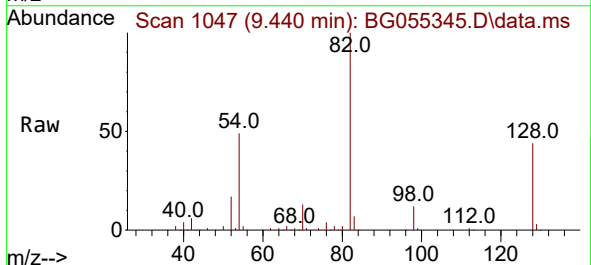
Instrument :
BNA_G
ClientSampleId :
MH-3-WC

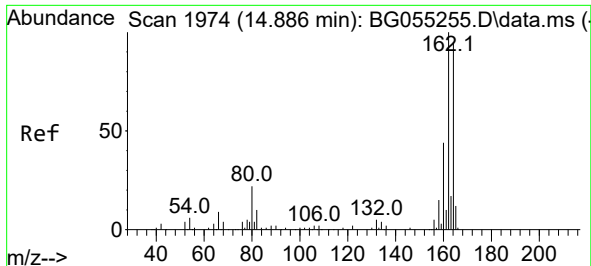
Tgt Ion:136 Resp: 132216
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 8.0 7.8 11.8
68 5.6 5.8 8.6#



#23
Nitrobenzene-d5
Concen: 90.756 ng
RT: 9.440 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BG055345.D
Acq: 28 Oct 2022 17:18

Tgt Ion: 82 Resp: 234990
Ion Ratio Lower Upper
82 100
128 43.9 32.0 48.0
54 48.7 40.9 61.3

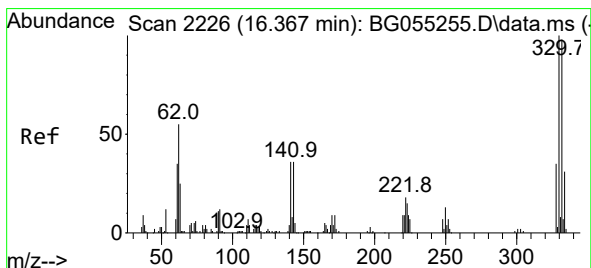
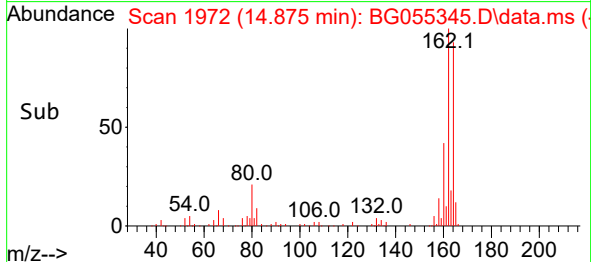
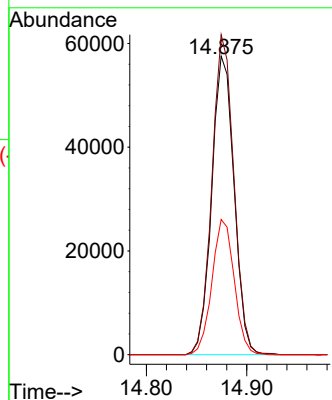
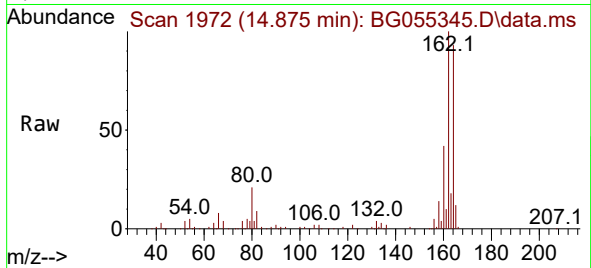




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.875 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BG055345.D
Acq: 28 Oct 2022 17:18

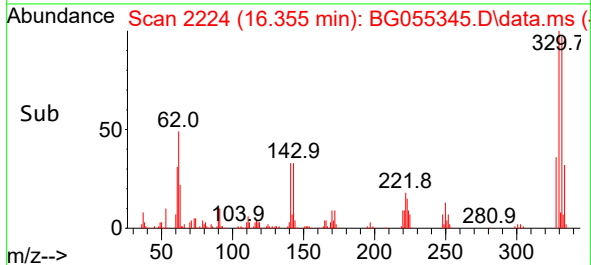
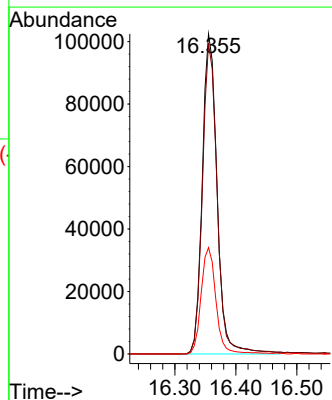
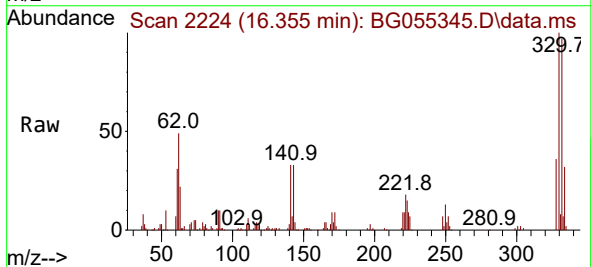
Instrument :
BNA_G
ClientSampleId :
MH-3-WC

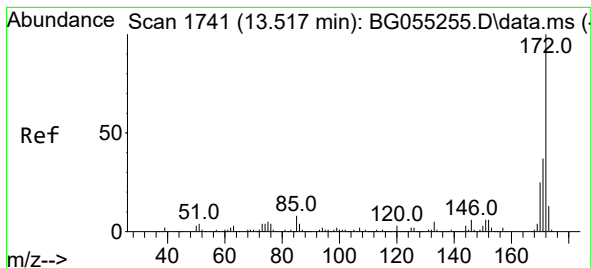
Tgt Ion:164 Resp: 89044
Ion Ratio Lower Upper
164 100
162 107.1 84.0 126.0
160 45.3 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 178.732 ng
RT: 16.355 min Scan# 2224
Delta R.T. -0.006 min
Lab File: BG055345.D
Acq: 28 Oct 2022 17:18

Tgt Ion:330 Resp: 173010
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.0
141 33.3 29.8 44.8





#45

2-Fluorobiphenyl

Concen: 97.637 ng

RT: 13.506 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG055345.D

Acq: 28 Oct 2022 17:18

Instrument :

BNA_G

ClientSampleId :

MH-3-WC

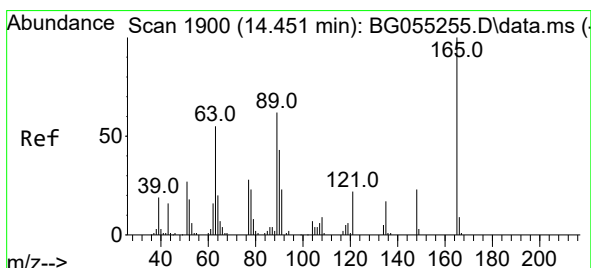
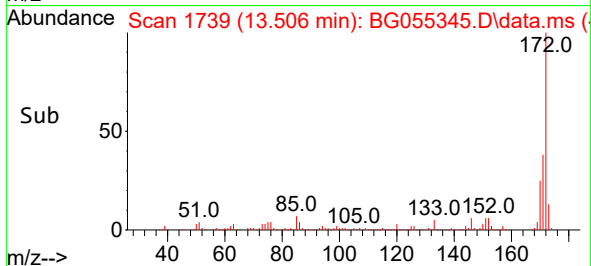
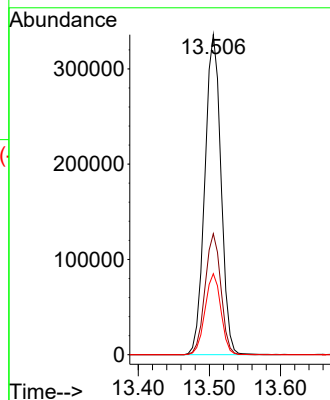
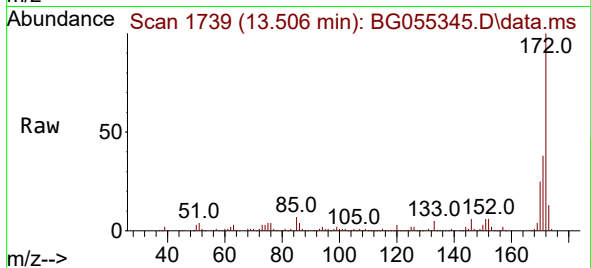
Tgt Ion:172 Resp: 531171

Ion Ratio Lower Upper

172 100

171 37.8 29.7 44.5

170 25.3 20.2 30.2



#51

2,6-Dinitrotoluene

Concen: 7.921 ng

RT: 14.875 min Scan# 1972

Delta R.T. 0.423 min

Lab File: BG055345.D

Acq: 28 Oct 2022 17:18

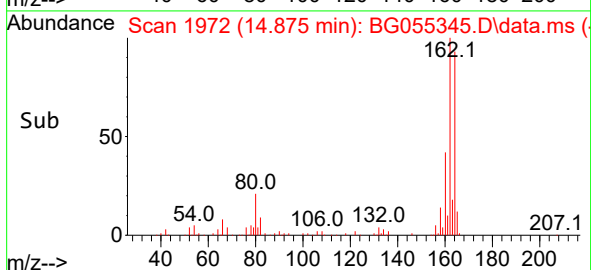
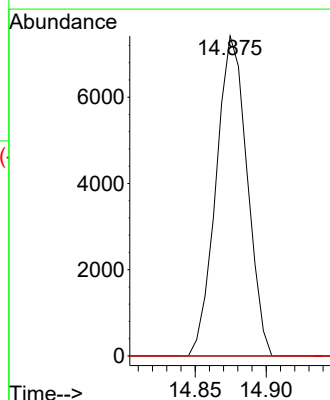
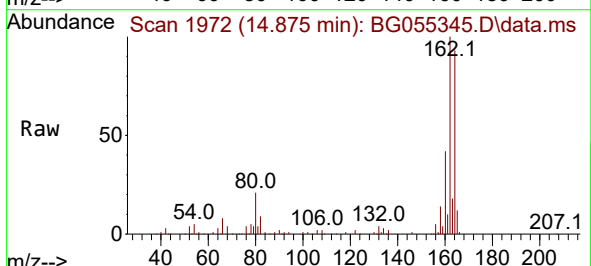
Tgt Ion:165 Resp: 11268

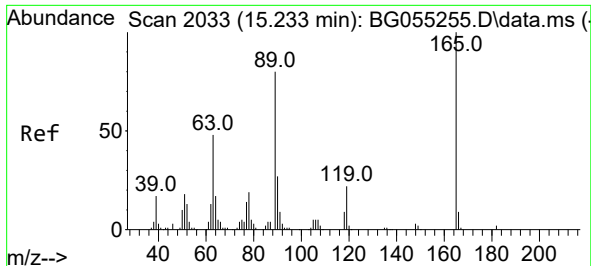
Ion Ratio Lower Upper

165 100

63 0.0 49.2 73.8#

89 0.0 49.9 74.9#





#57

2,4-Dinitrotoluene

Concen: 5.458 ng

RT: 14.875 min Scan# 1972

Delta R.T. -0.359 min

Lab File: BG055345.D

Acq: 28 Oct 2022 17:18

Instrument :

BNA_G

ClientSampleId :

MH-3-WC

Tgt Ion:165 Resp: 11268

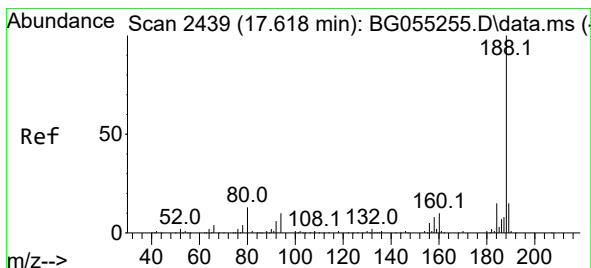
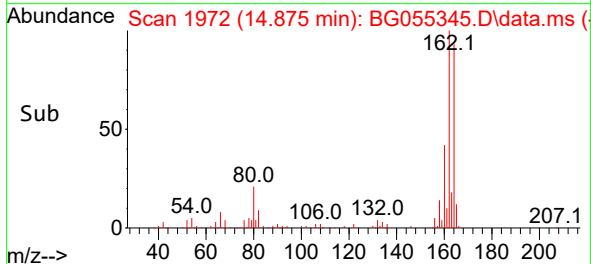
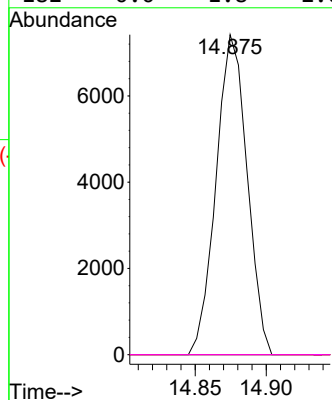
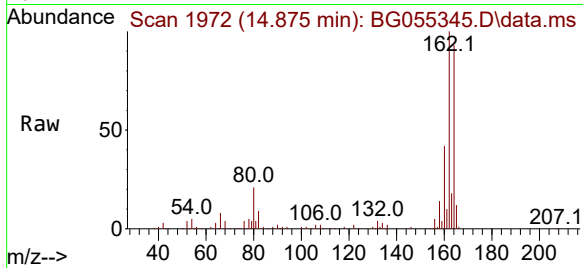
Ion Ratio Lower Upper

165 100

63 0.0 38.9 58.3#

89 0.0 64.2 96.4#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.607 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BG055345.D

Acq: 28 Oct 2022 17:18

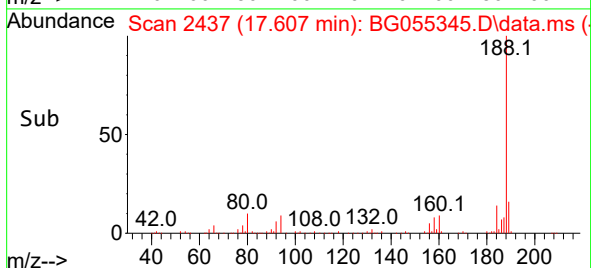
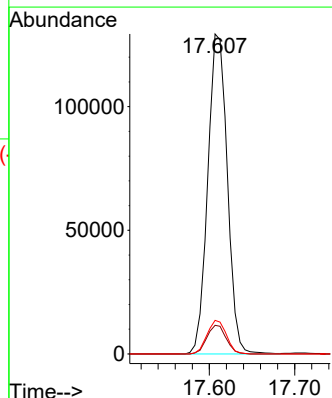
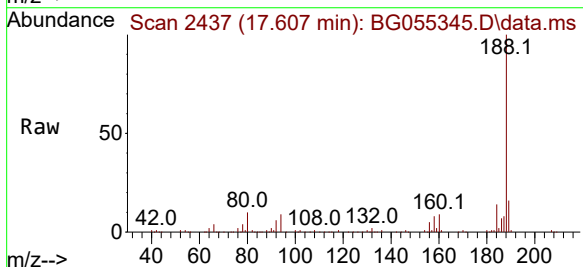
Tgt Ion:188 Resp: 205947

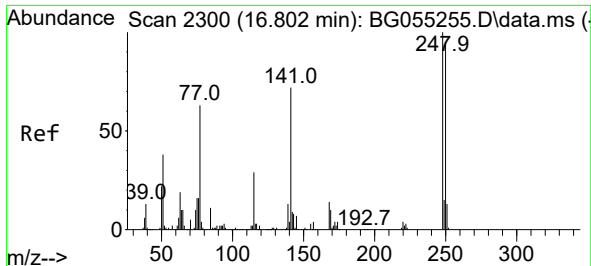
Ion Ratio Lower Upper

188 100

94 9.0 8.2 12.4

80 10.5 10.1 15.1





#67

4-Bromophenyl-phenylether

Concen: 5.337 ng

RT: 16.355 min Scan# 21

Delta R.T. -0.441 min

Lab File: BG055345.D

Acq: 28 Oct 2022 17:18

Instrument :

BNA_G

ClientSampleId :

MH-3-WC

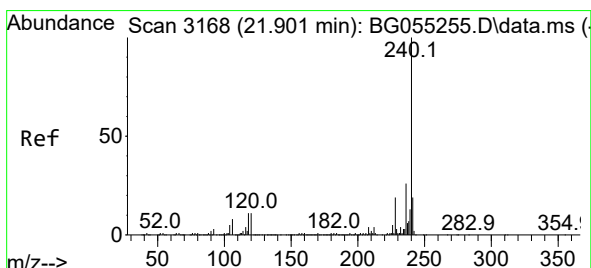
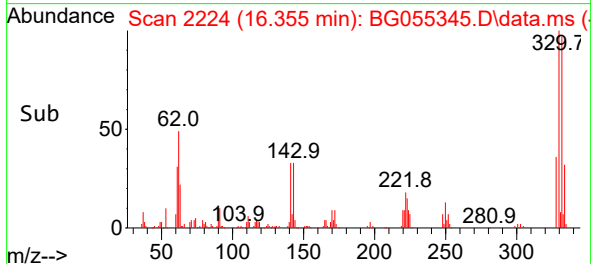
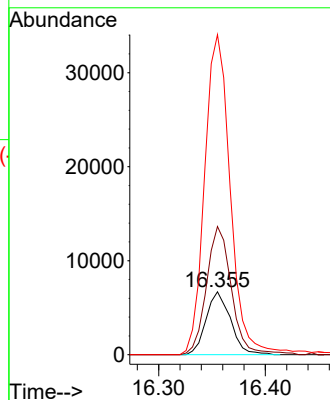
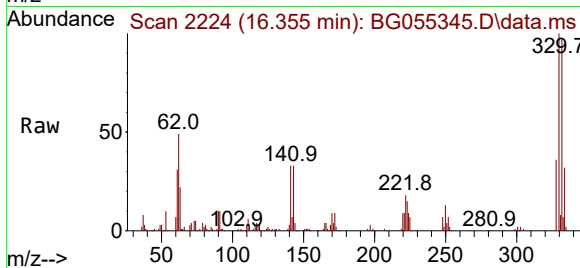
Tgt Ion:248 Resp: 10678

Ion Ratio Lower Upper

248 100

250 204.0 76.0 114.0#

141 509.4 58.0 87.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.884 min Scan# 3165

Delta R.T. -0.006 min

Lab File: BG055345.D

Acq: 28 Oct 2022 17:18

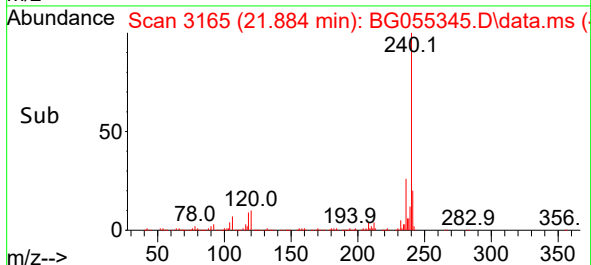
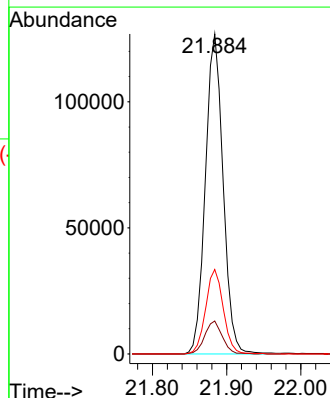
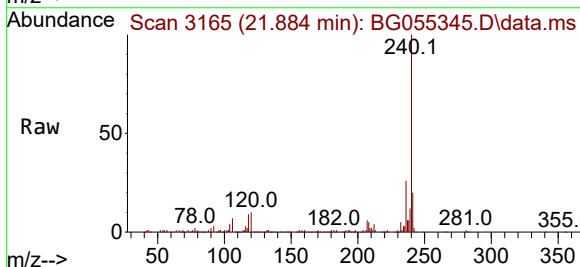
Tgt Ion:240 Resp: 210577

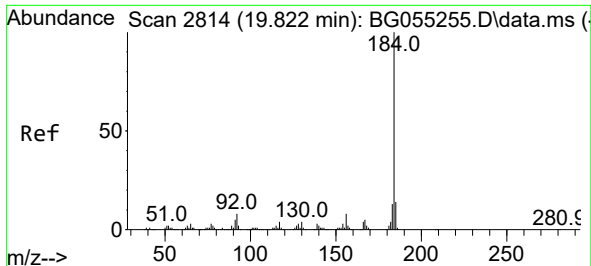
Ion Ratio Lower Upper

240 100

120 10.3 8.9 13.3

236 26.4 21.0 31.4

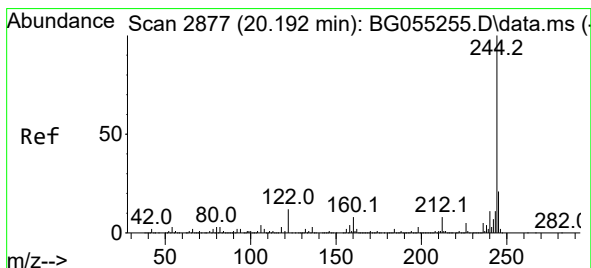
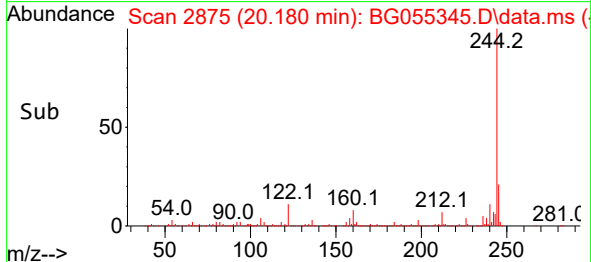
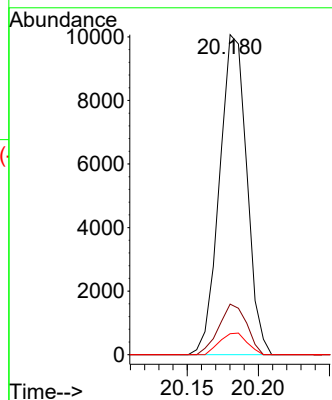
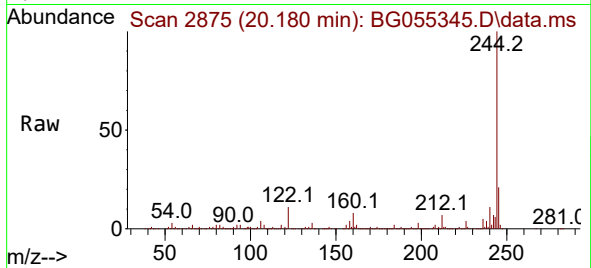




#77
Benzidine
Concen: 2.635 ng
RT: 20.180 min Scan# 21
Delta R.T. 0.364 min
Lab File: BG055345.D
Acq: 28 Oct 2022 17:18

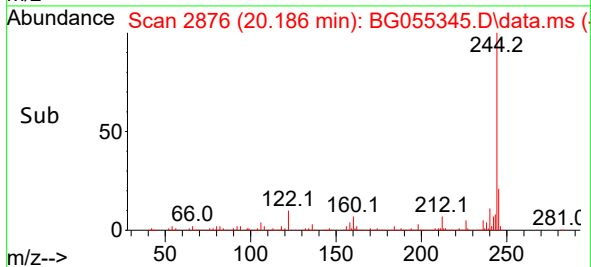
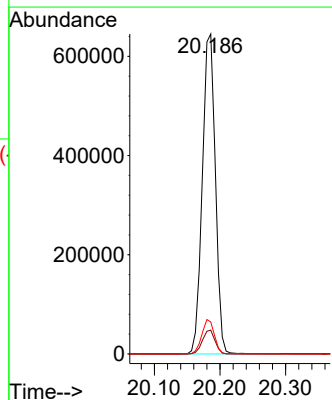
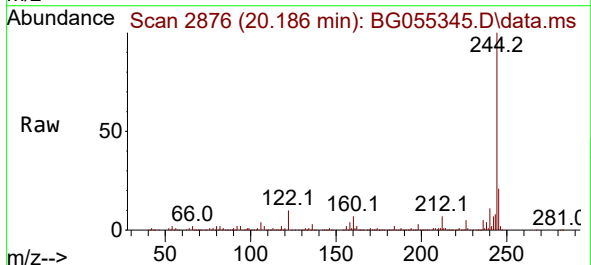
Instrument :
BNA_G
ClientSampleId :
MH-3-WC

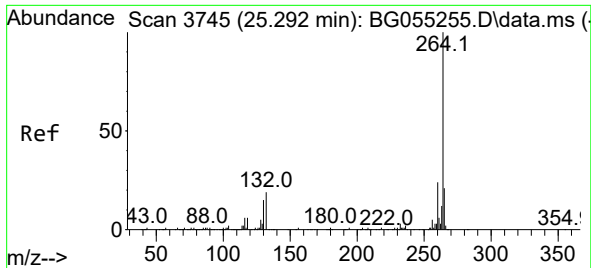
Tgt Ion:184 Resp: 13434
Ion Ratio Lower Upper
184 100
185 15.8 11.0 16.6
183 6.5 10.0 15.0#



#79
Terphenyl-d14
Concen: 88.208 ng
RT: 20.186 min Scan# 2876
Delta R.T. -0.000 min
Lab File: BG055345.D
Acq: 28 Oct 2022 17:18

Tgt Ion:244 Resp: 894004
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 10.0 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.274 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG055345.D
Acq: 28 Oct 2022 17:18

Instrument :
BNA_G
ClientSampleId :
MH-3-WC

Tgt Ion:264 Resp: 220199

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.5	17.4	26.2

