

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062622\
 Data File : BG054079.D
 Acq On : 26 Jun 2022 19:14
 Operator : CG/JU
 Sample : N3455-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-EXC-2-2

Quant Time: Jun 27 00:31:50 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)

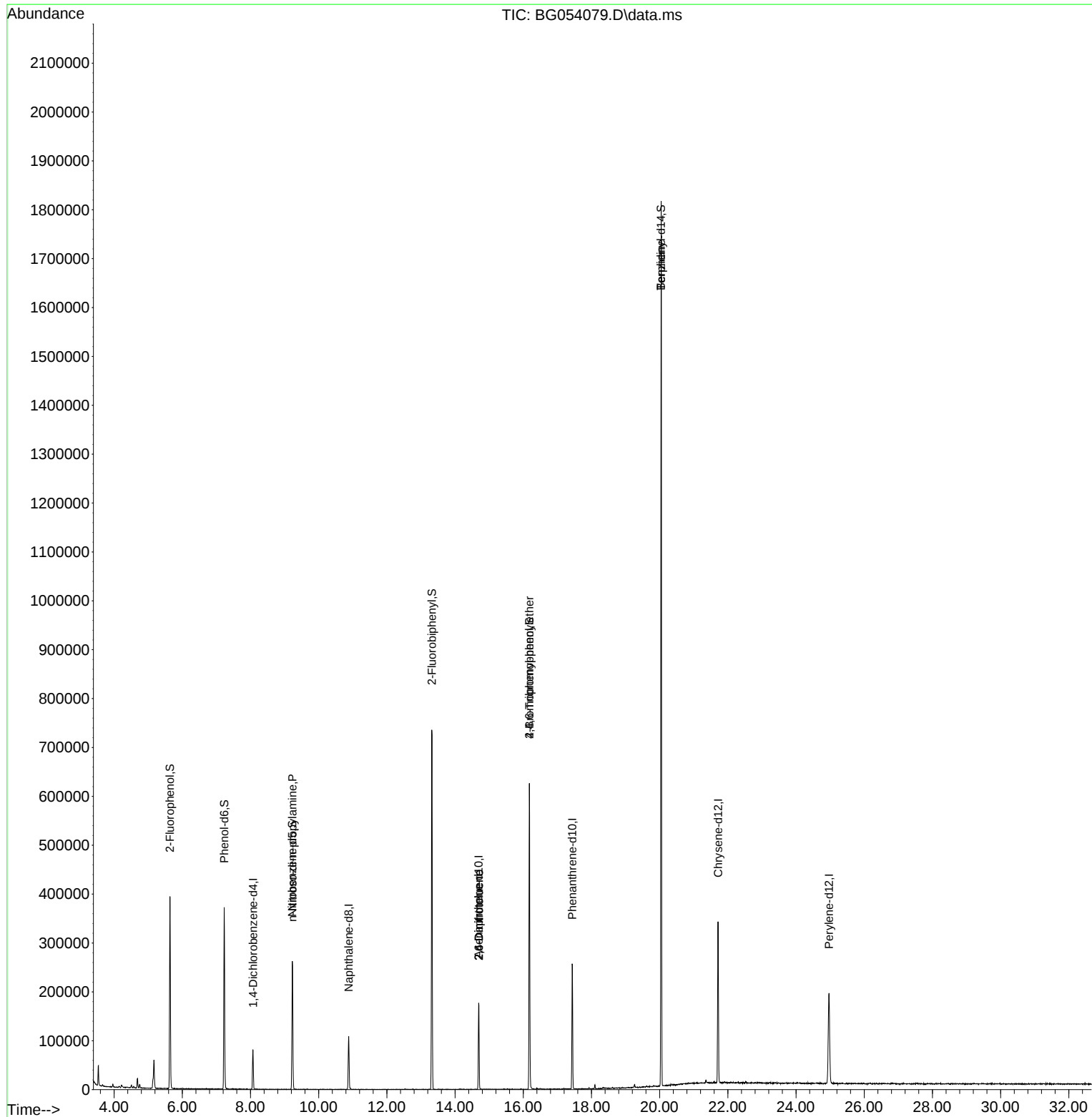
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	25140	20.000	ng	0.00
21) Naphthalene-d8	10.879	136	98694	20.000	ng	0.00
39) Acenaphthene-d10	14.692	164	68801	20.000	ng	0.00
64) Phenanthrene-d10	17.436	188	181773	20.000	ng	0.00
76) Chrysene-d12	21.713	240	222763	20.000	ng	# 0.00
86) Perylene-d12	24.968	264	215518	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	184015	139.944	ng	0.00
7) Phenol-d6	7.230	99	220268	123.484	ng	0.00
23) Nitrobenzene-d5	9.228	82	168855	96.146	ng	0.00
42) 2,4,6-Tribromophenol	16.178	330	136395	123.389	ng	0.00
45) 2-Fluorobiphenyl	13.317	172	421486	89.083	ng	0.00
79) Terphenyl-d14	20.044	244	971423	87.830	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.233	70	22220	18.541	ng	# 83
51) 2,6-Dinitrotoluene	14.698	165	9187	8.678	ng	# 16
57) 2,4-Dinitrotoluene	14.698	165	9187	6.145	ng	# 21
67) 4-Bromophenyl-phenylether	16.178	248	8967	3.950	ng	# 1
77) Benzidine	20.044	184	14268	3.093	ng	# 93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062622\
Data File : BG054079.D
Acq On : 26 Jun 2022 19:14
Operator : CG/JU
Sample : N3455-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-2-2

Quant Time: Jun 27 00:31:50 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

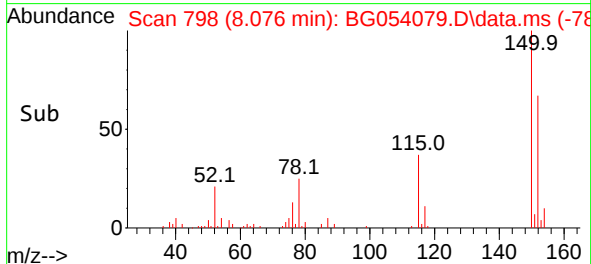
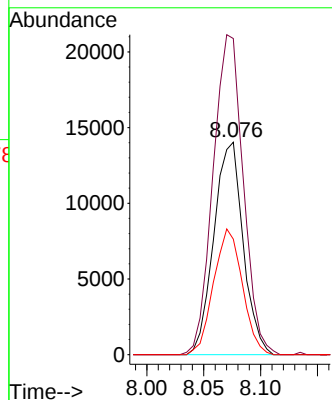
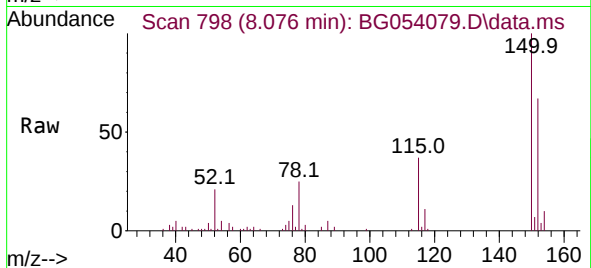




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.076 min Scan# 79
Delta R.T. 0.006 min
Lab File: BG054079.D
Acq: 26 Jun 2022 19:14

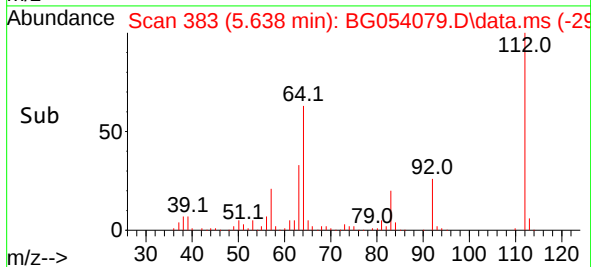
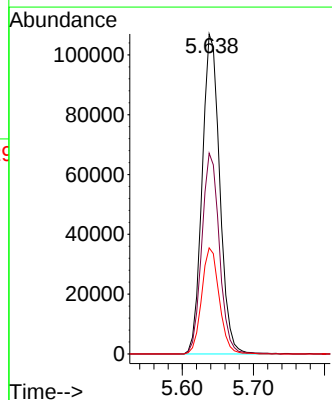
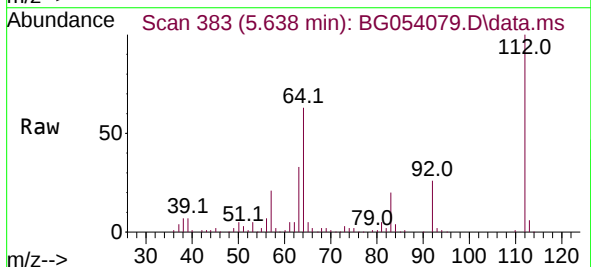
Instrument :
BNA_G
ClientSampleId :
SP-EXC-2-2

Tgt Ion:152 Resp: 25140
Ion Ratio Lower Upper
152 100
150 148.8 131.6 197.4
115 54.4 50.9 76.3



#5
2-Fluorophenol
Concen: 139.944 ng
RT: 5.638 min Scan# 383
Delta R.T. -0.000 min
Lab File: BG054079.D
Acq: 26 Jun 2022 19:14

Tgt Ion:112 Resp: 184015
Ion Ratio Lower Upper
112 100
64 62.8 55.1 82.7
63 33.2 30.4 45.6

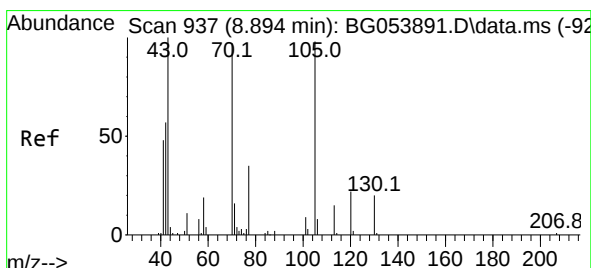
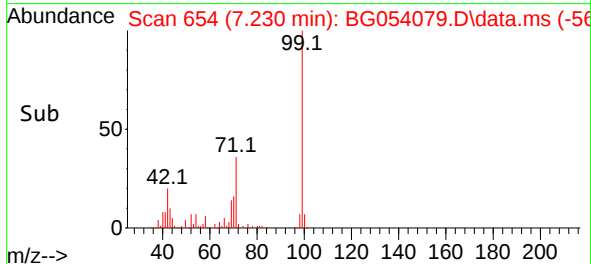
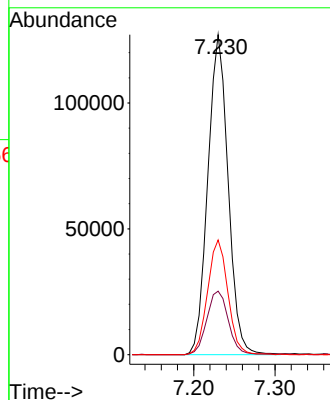
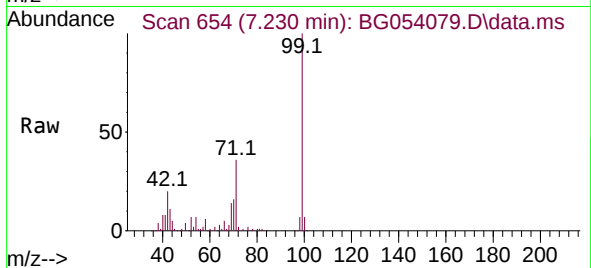




#7
Phenol-d6
Concen: 123.484 ng
RT: 7.230 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG054079.D
Acq: 26 Jun 2022 19:14

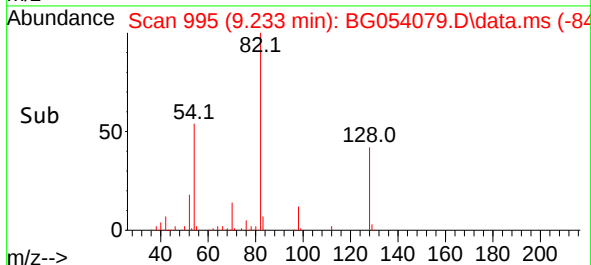
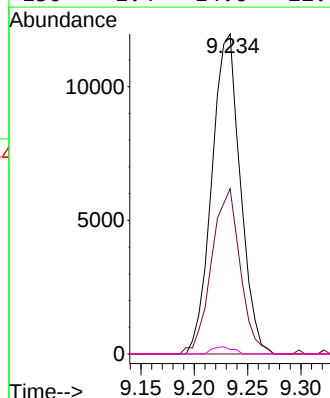
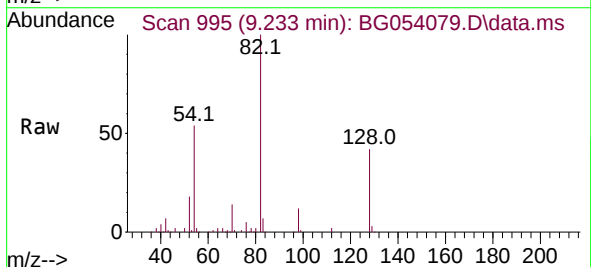
Instrument :
BNA_G
ClientSampleId :
SP-EXC-2-2

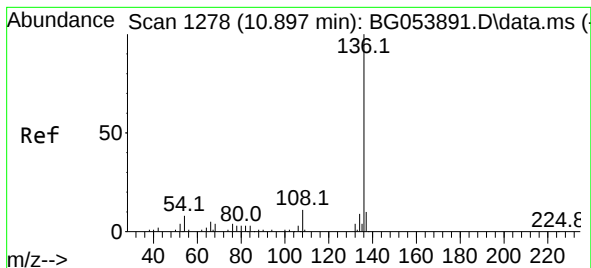
Tgt Ion: 99 Resp: 220268
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.6
71 35.9 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.541 ng
RT: 9.233 min Scan# 995
Delta R.T. 0.358 min
Lab File: BG054079.D
Acq: 26 Jun 2022 19:14

Tgt Ion: 70 Resp: 22220
Ion Ratio Lower Upper
70 100
42 51.7 47.3 70.9
101 0.0 7.0 10.4#
130 1.4 14.6 22.0#

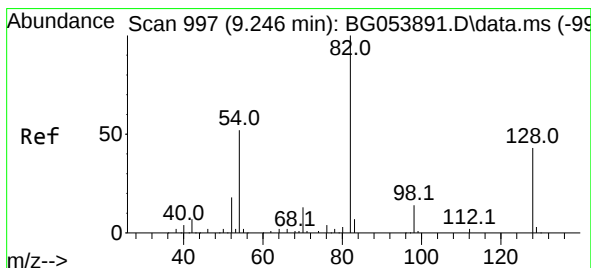
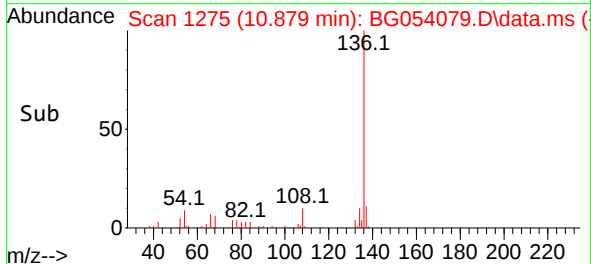
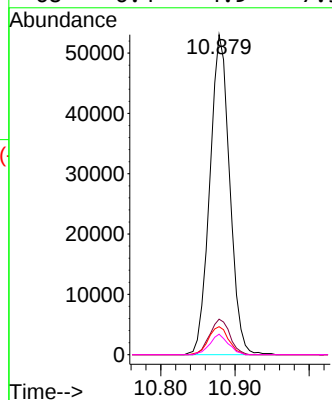
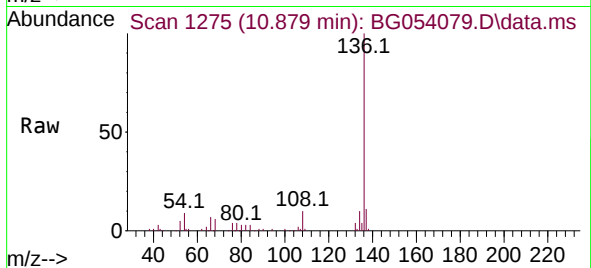




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.879 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG054079.D
Acq: 26 Jun 2022 19:14

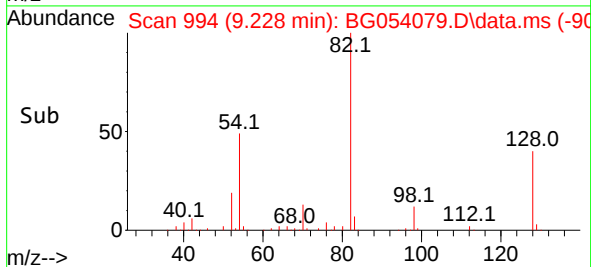
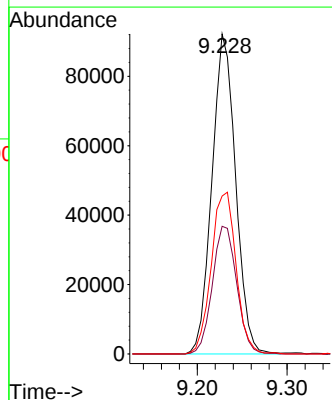
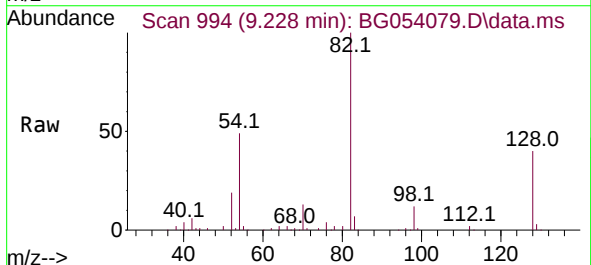
Instrument :
BNA_G
ClientSampleId :
SP-EXC-2-2

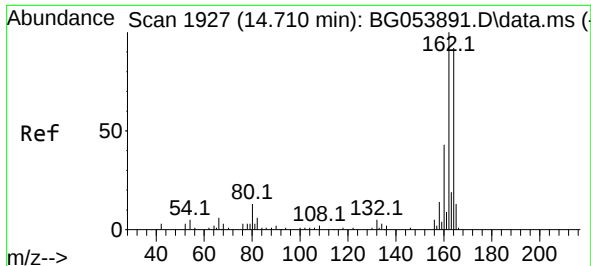
Tgt Ion:	136	Resp:	98694
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	8.8	7.4	11.2
68	6.4	4.9	7.3



#23
Nitrobenzene-d5
Concen: 96.146 ng
RT: 9.228 min Scan# 994
Delta R.T. -0.006 min
Lab File: BG054079.D
Acq: 26 Jun 2022 19:14

Tgt Ion:	82	Resp:	168855
Ion	Ratio	Lower	Upper
82	100		
128	39.9	27.9	41.9
54	49.3	41.2	61.8

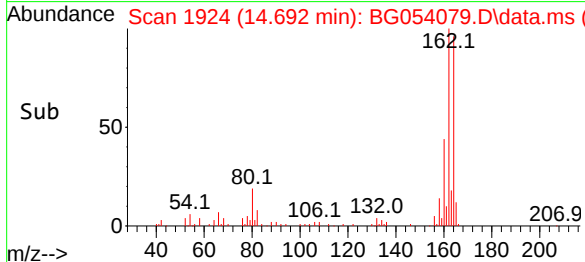
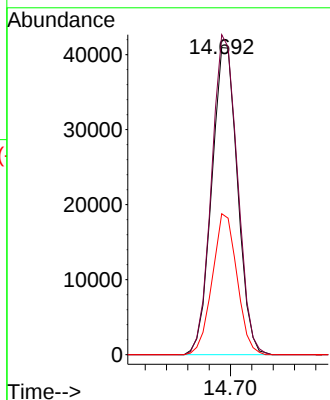
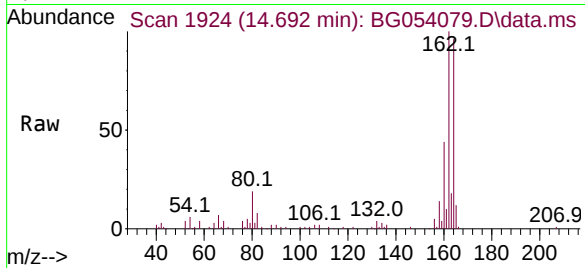




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.692 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BG054079.D
Acq: 26 Jun 2022 19:14

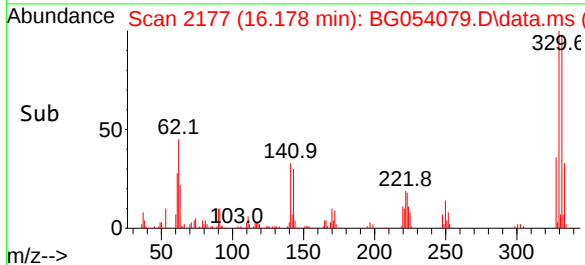
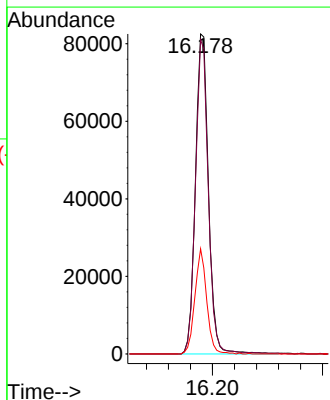
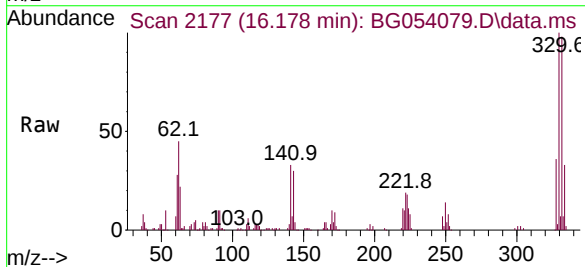
Instrument :
BNA_G
ClientSampleId :
SP-EXC-2-2

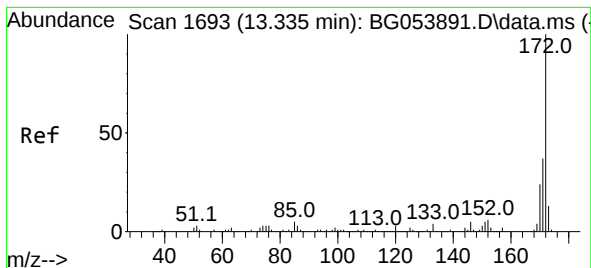
Tgt Ion:164 Resp: 68801
Ion Ratio Lower Upper
164 100
162 104.2 82.3 123.5
160 45.9 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 123.389 ng
RT: 16.178 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BG054079.D
Acq: 26 Jun 2022 19:14

Tgt Ion:330 Resp: 136395
Ion Ratio Lower Upper
330 100
332 96.5 76.0 114.0
141 29.7 27.1 40.7





#45

2-Fluorobiphenyl

Concen: 89.083 ng

RT: 13.317 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG054079.D

Acq: 26 Jun 2022 19:14

Instrument :

BNA_G

ClientSampleId :

SP-EXC-2-2

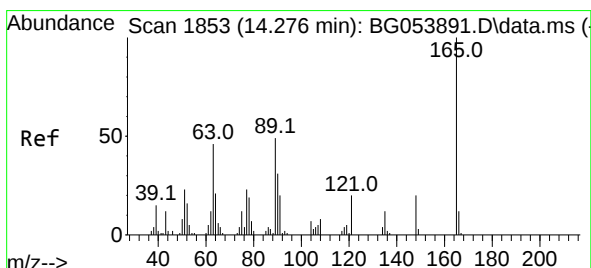
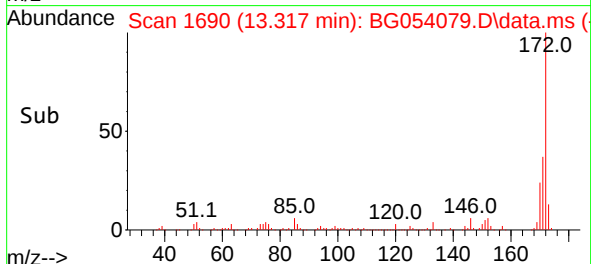
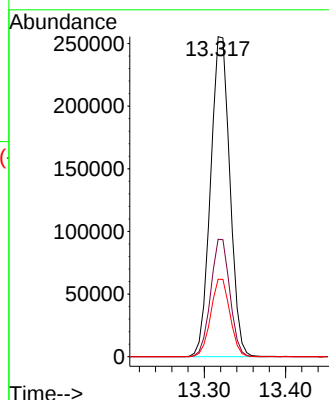
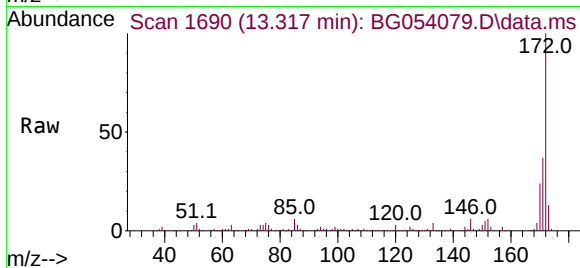
Tgt Ion:172 Resp: 421486

Ion Ratio Lower Upper

172 100

171 36.7 28.5 42.7

170 24.2 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 8.678 ng

RT: 14.698 min Scan# 1925

Delta R.T. 0.435 min

Lab File: BG054079.D

Acq: 26 Jun 2022 19:14

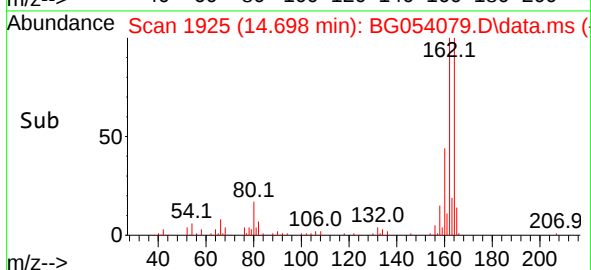
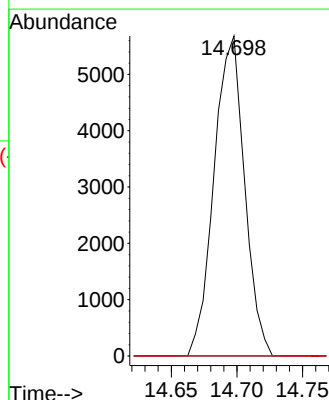
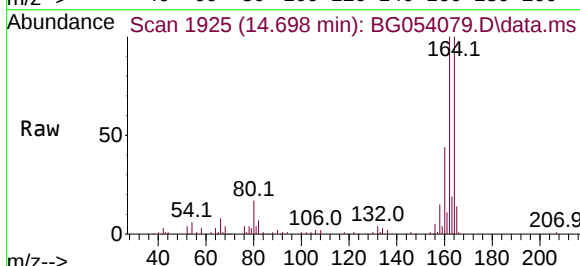
Tgt Ion:165 Resp: 9187

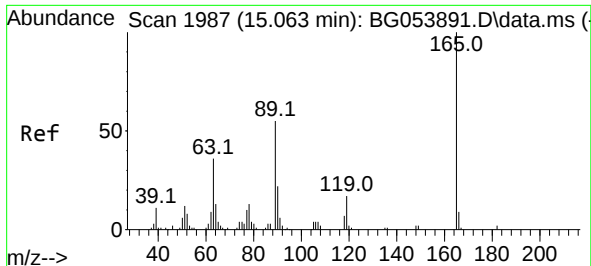
Ion Ratio Lower Upper

165 100

63 0.0 54.1 81.1#

89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 6.145 ng

RT: 14.698 min Scan# 1987

Delta R.T. -0.353 min

Lab File: BG054079.D

Acq: 26 Jun 2022 19:14

Instrument :

BNA_G

ClientSampleId :

SP-EXC-2-2

Tgt Ion:165 Resp: 9187

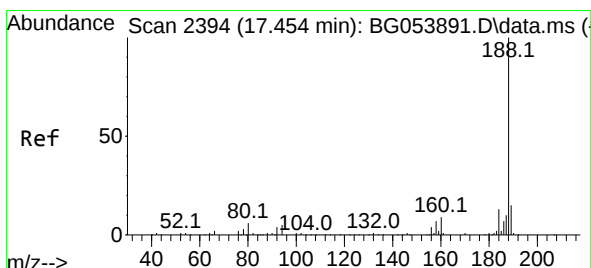
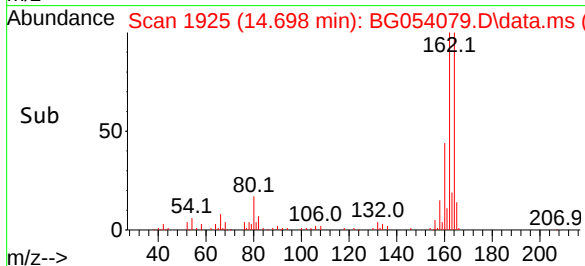
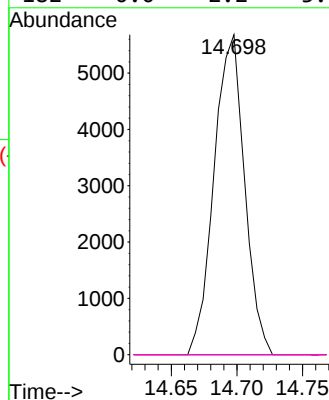
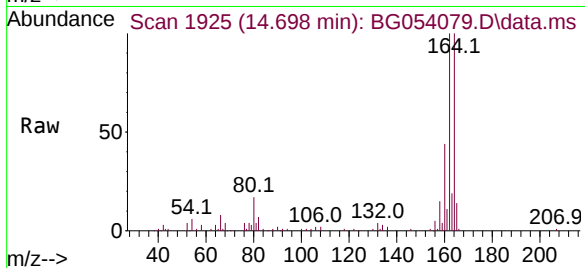
Ion Ratio Lower Upper

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: 17.436 min Scan# 2391

Delta R.T. -0.006 min

Lab File: BG054079.D

Acq: 26 Jun 2022 19:14

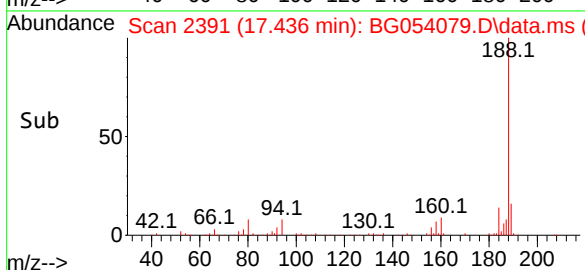
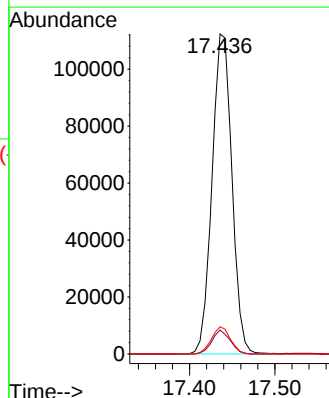
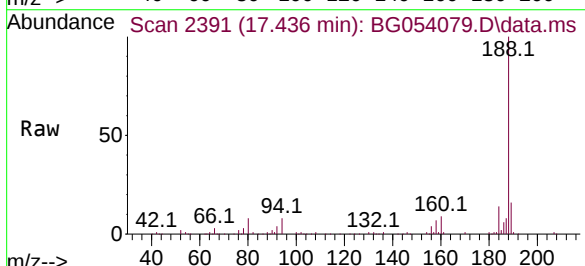
Tgt Ion:188 Resp: 181773

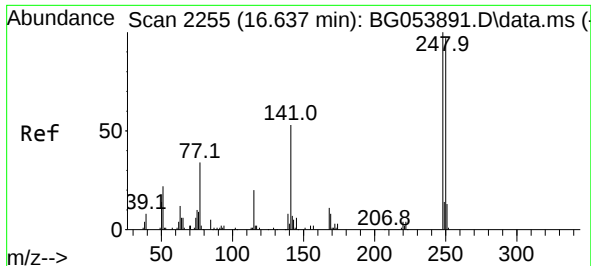
Ion Ratio Lower Upper

188 100

94 7.5 5.4 8.0

80 8.5 6.8 10.2

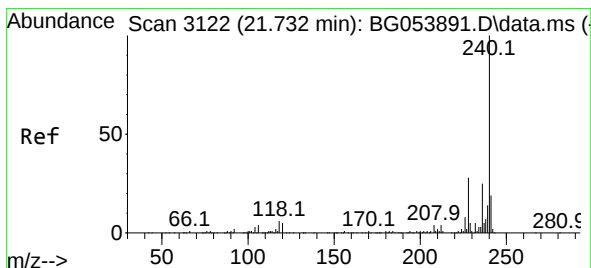
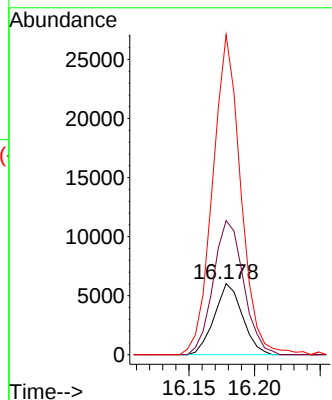
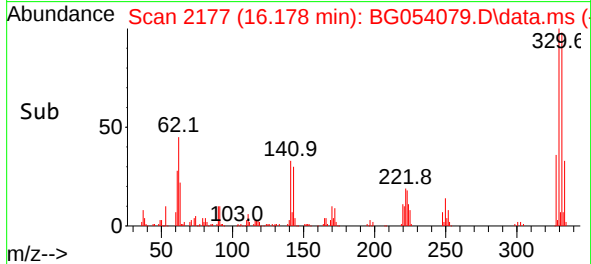
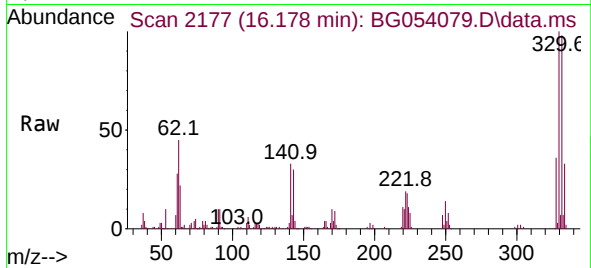




#67
4-Bromophenyl-phenylether
Concen: 3.950 ng
RT: 16.178 min Scan# 2119
Delta R.T. -0.447 min
Lab File: BG054079.D
Acq: 26 Jun 2022 19:14

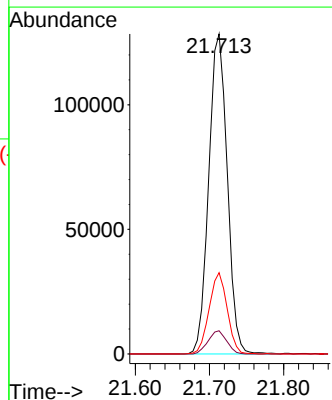
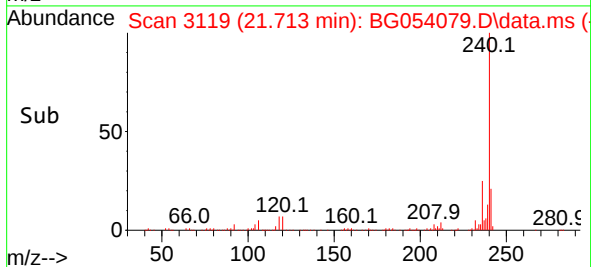
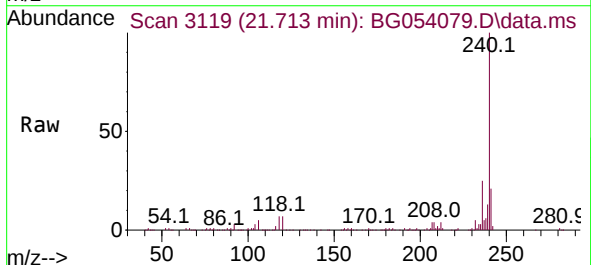
Instrument :
BNA_G
ClientSampleId :
SP-EXC-2-2

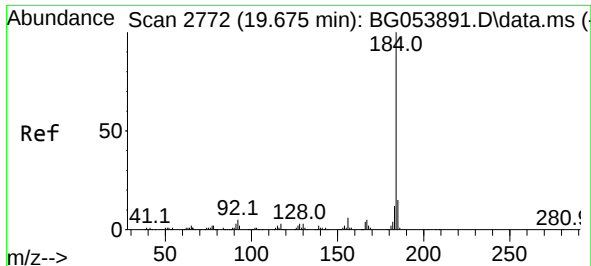
Tgt Ion:248 Resp: 8967
Ion Ratio Lower Upper
248 100
250 188.0 75.2 112.8#
141 341.7 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.713 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BG054079.D
Acq: 26 Jun 2022 19:14

Tgt Ion:240 Resp: 222763
Ion Ratio Lower Upper
240 100
120 7.3 4.6 7.0#
236 25.4 20.2 30.4

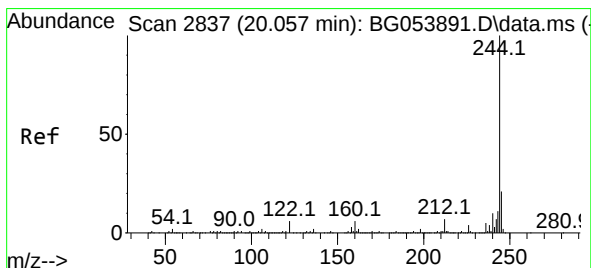
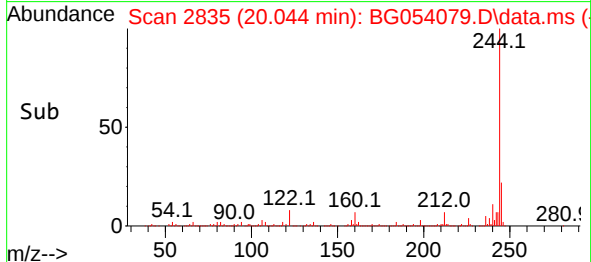
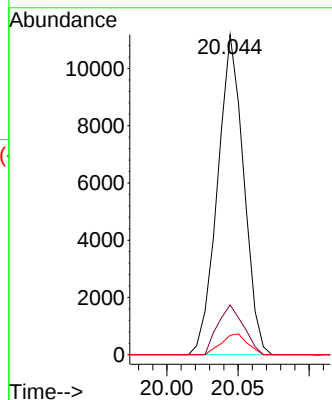
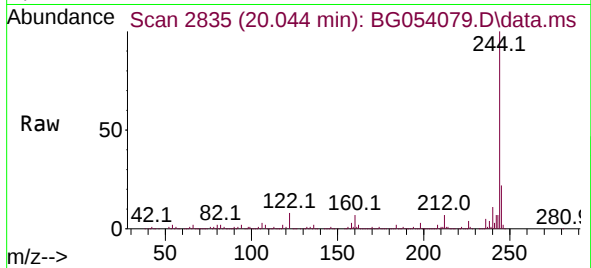




#77
Benzidine
Concen: 3.093 ng
RT: 20.044 min Scan# 2835
Delta R.T. 0.382 min
Lab File: BG054079.D
Acq: 26 Jun 2022 19:14

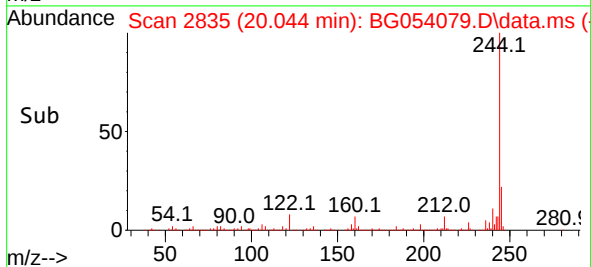
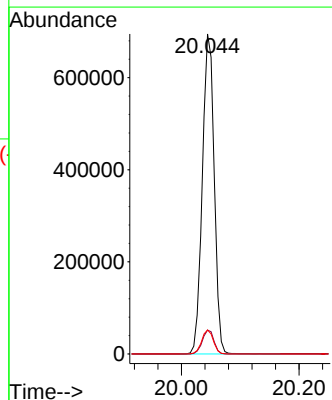
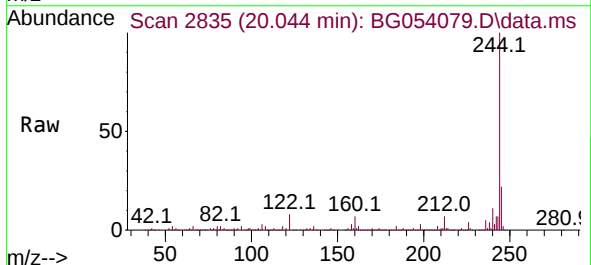
Instrument :
BNA_G
ClientSampleId :
SP-EXC-2-2

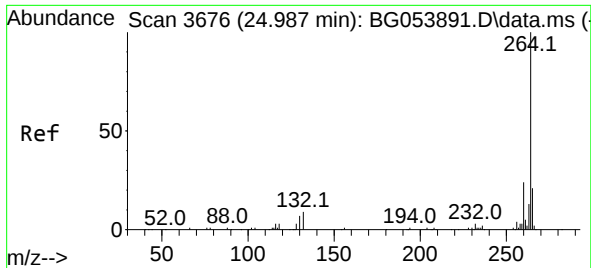
Tgt Ion:184 Resp: 14268
Ion Ratio Lower Upper
184 100
185 15.6 11.8 17.6
183 6.0 8.9 13.3#



#79
Terphenyl-d14
Concen: 87.830 ng
RT: 20.044 min Scan# 2835
Delta R.T. -0.000 min
Lab File: BG054079.D
Acq: 26 Jun 2022 19:14

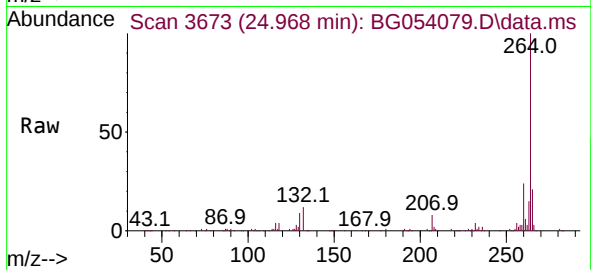
Tgt Ion:244 Resp: 971423
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 7.5 5.0 7.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.968 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: BG054079.D
 Acq: 26 Jun 2022 19:14

Instrument :
 BNA_G
 ClientSampleId :
 SP-EXC-2-2



Tgt Ion:264 Resp: 215518
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.4 17.4 26.2

