

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122822\
 Data File : BG056146.D
 Acq On : 28 Dec 2022 19:11
 Operator : CG/JU
 Sample : N6220-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-CR

Quant Time: Dec 29 03:39:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 05:20:14 2022
 Response via : Initial Calibration

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

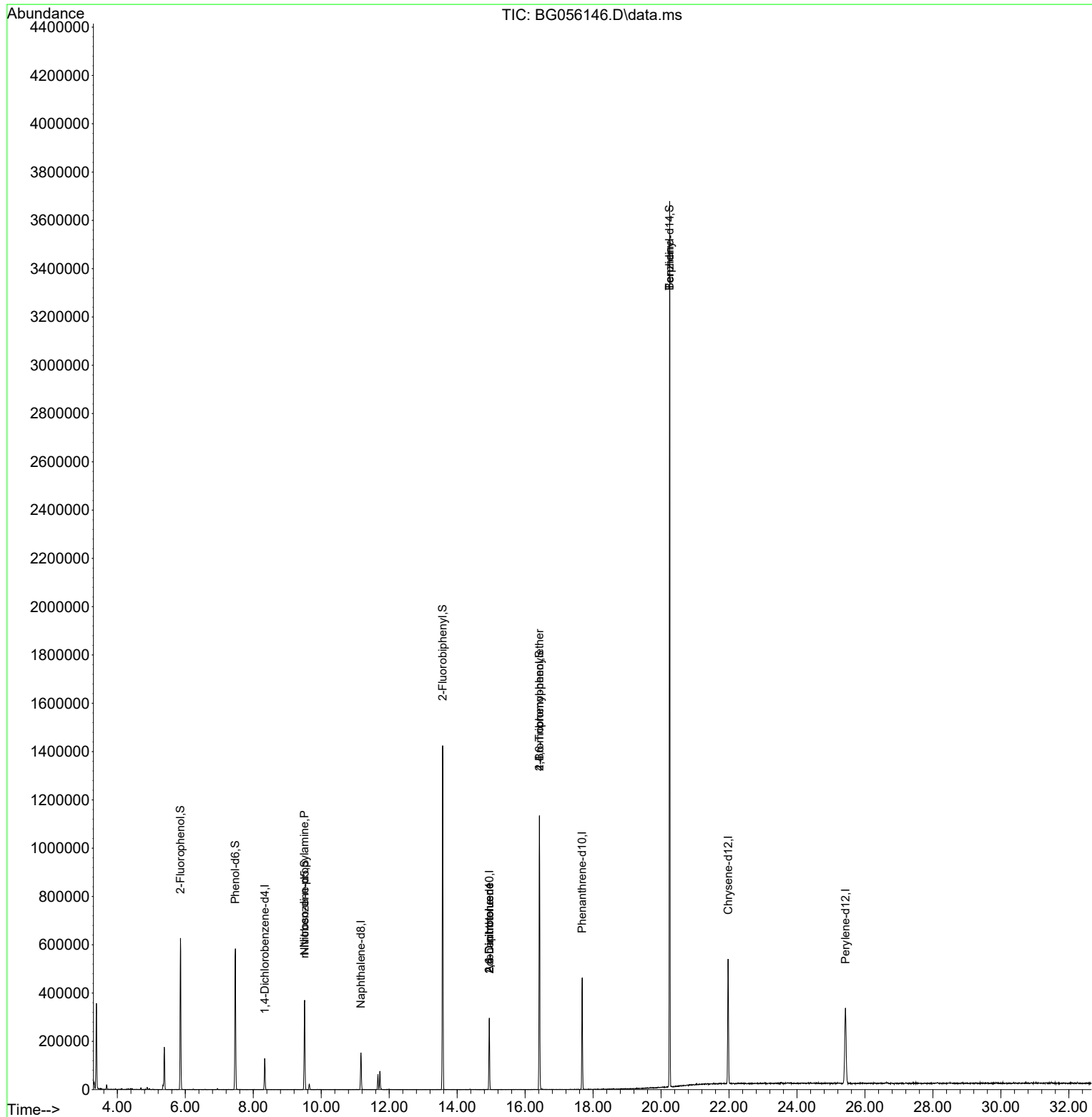
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.335	152	40246	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	141325	20.000	ng	# 0.00
39) Acenaphthene-d10	14.945	164	114862	20.000	ng	0.00
64) Phenanthrene-d10	17.677	188	316506	20.000	ng	0.00
76) Chrysene-d12	21.972	240	365350	20.000	ng	0.00
86) Perylene-d12	25.427	264	394845	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.856	112	341982	151.719	ng	0.00
7) Phenol-d6	7.471	99	441400	127.514	ng	0.00
23) Nitrobenzene-d5	9.510	82	266514	96.463	ng	0.00
42) 2,4,6-Tribromophenol	16.420	330	226605	155.773	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	814954	97.976	ng	0.00
79) Terphenyl-d14	20.251	244	1927262	94.480	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.504	70	33648	15.985	ng	# 72
51) 2,6-Dinitrotoluene	14.945	165	15160	7.673	ng	# 34
57) 2,4-Dinitrotoluene	14.945	165	15160	5.486	ng	# 30
67) 4-Bromophenyl-phenylether	16.420	248	19117	4.743	ng	# 1
77) Benzidine	20.251	184	27252	2.128	ng	# 85

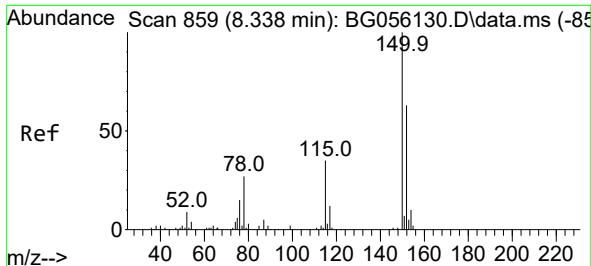
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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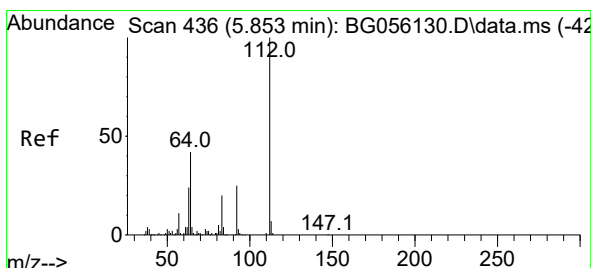
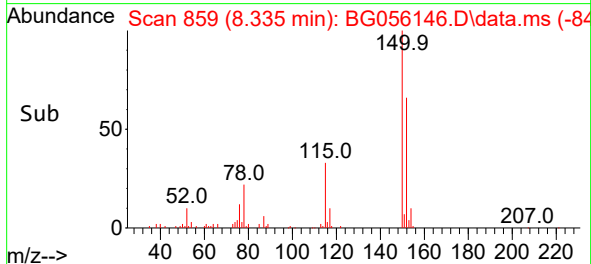
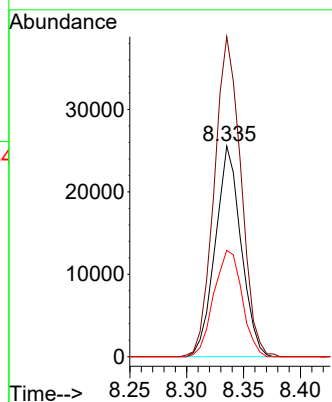
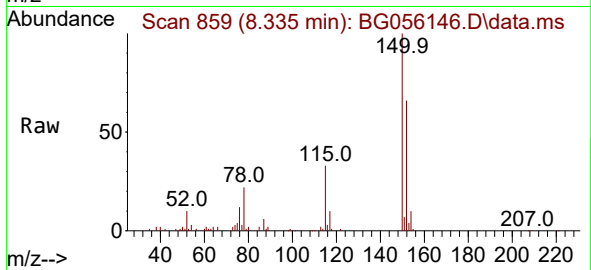




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.335 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG056146.D
Acq: 28 Dec 2022 19:11

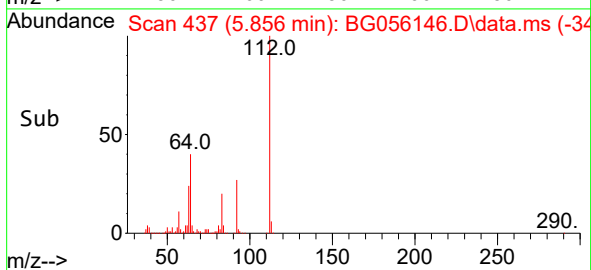
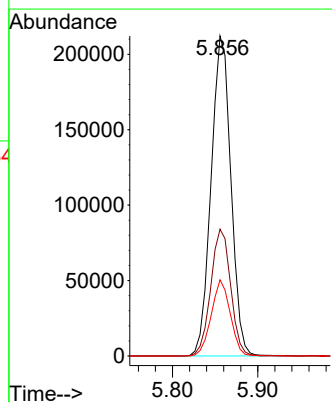
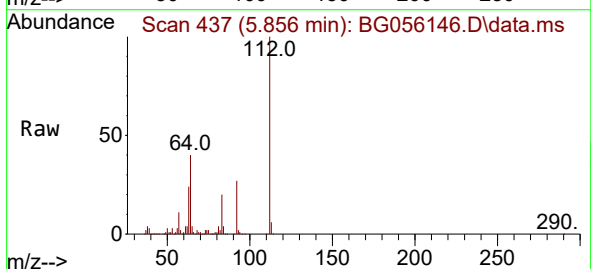
Instrument :
BNA_G
ClientSampleId :
TP-CR

Tgt Ion:152 Resp: 40246
Ion Ratio Lower Upper
152 100
150 152.0 127.9 191.9
115 50.6 44.2 66.2



#5
2-Fluorophenol
Concen: 151.719 ng
RT: 5.856 min Scan# 437
Delta R.T. 0.003 min
Lab File: BG056146.D
Acq: 28 Dec 2022 19:11

Tgt Ion:112 Resp: 341982
Ion Ratio Lower Upper
112 100
64 39.6 33.3 49.9
63 23.8 19.0 28.4

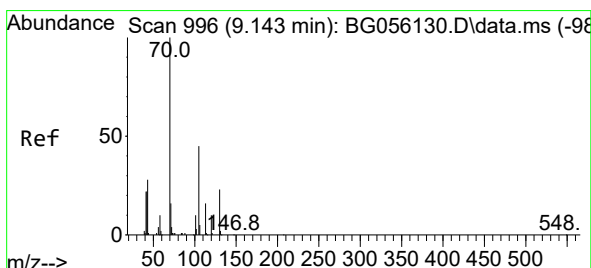
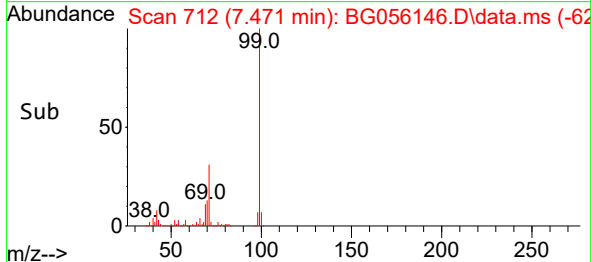
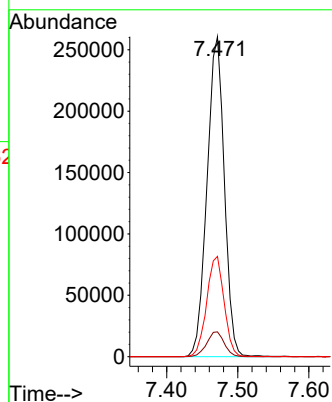
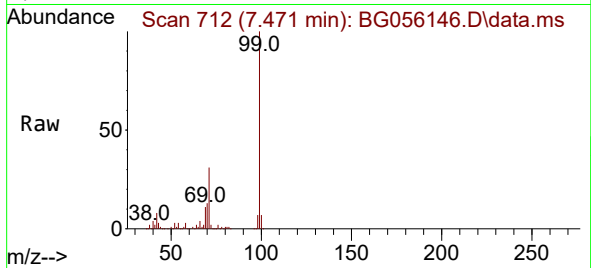




#7
Phenol-d6
Concen: 127.514 ng
RT: 7.471 min Scan# 711
Delta R.T. 0.003 min
Lab File: BG056146.D
Acq: 28 Dec 2022 19:11

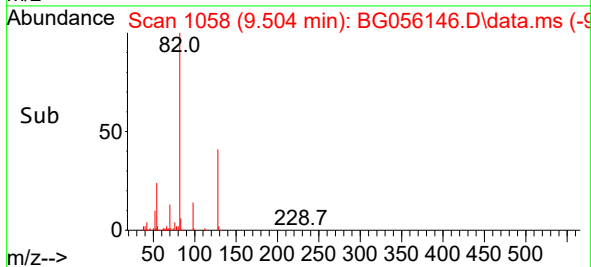
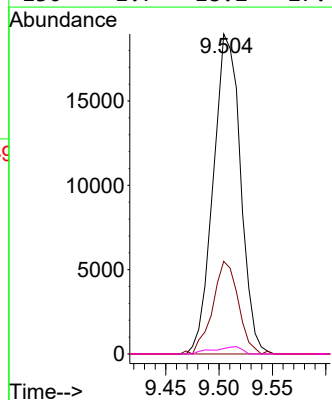
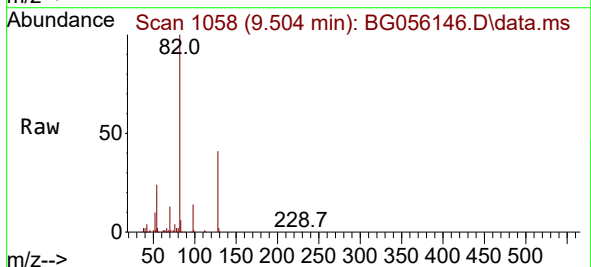
Instrument :
BNA_G
ClientSampleId :
TP-CR

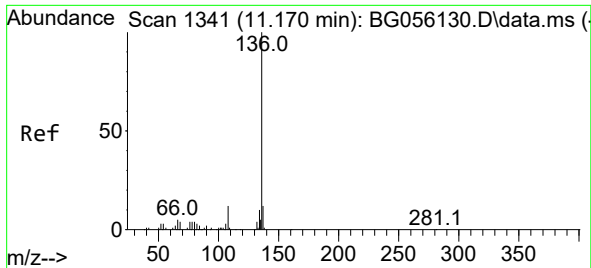
Tgt Ion: 99 Resp: 441400
Ion Ratio Lower Upper
99 100
42 7.7 5.9 8.9
71 31.3 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.985 ng
RT: 9.504 min Scan# 1058
Delta R.T. 0.361 min
Lab File: BG056146.D
Acq: 28 Dec 2022 19:11

Tgt Ion: 70 Resp: 33648
Ion Ratio Lower Upper
70 100
42 29.0 18.2 27.2#
101 0.0 8.3 12.5#
130 1.7 18.2 27.4#

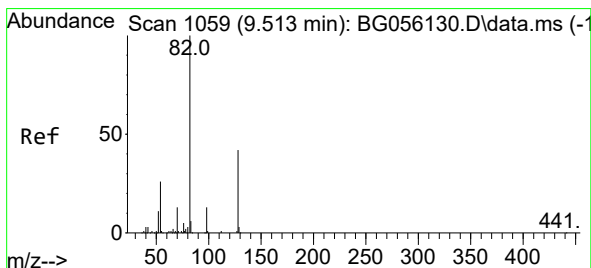
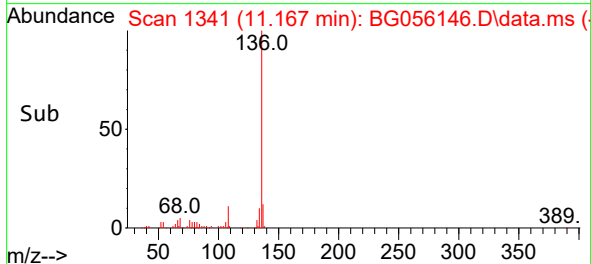
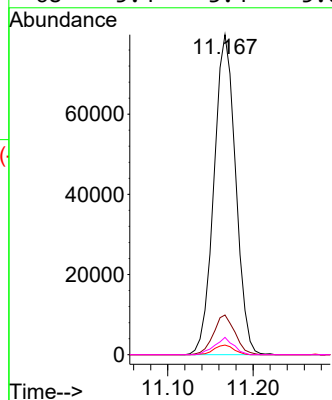
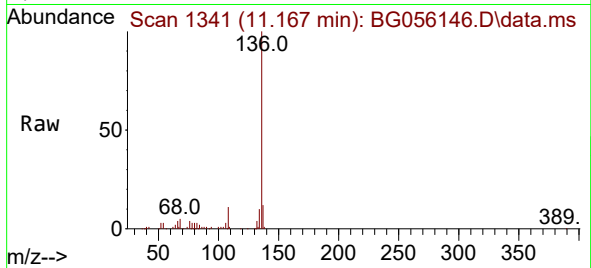




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056146.D
Acq: 28 Dec 2022 19:11

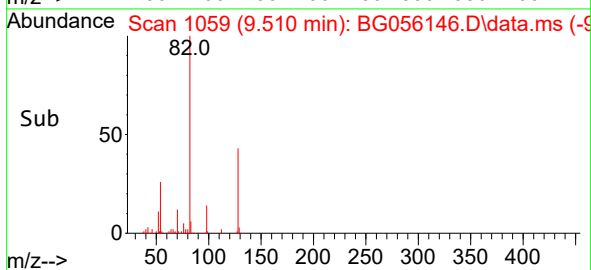
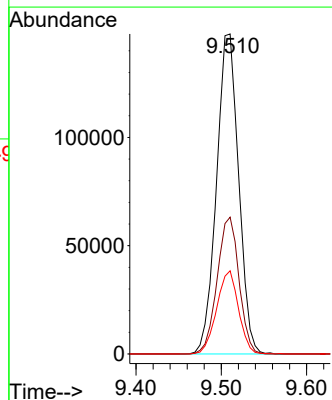
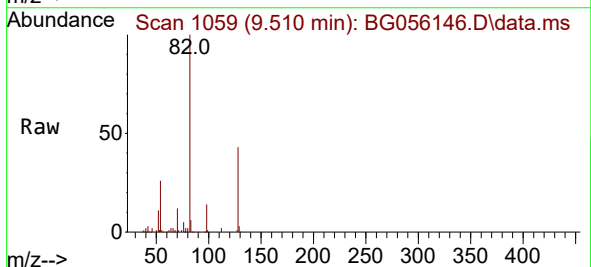
Instrument :
BNA_G
ClientSampleId :
TP-CR

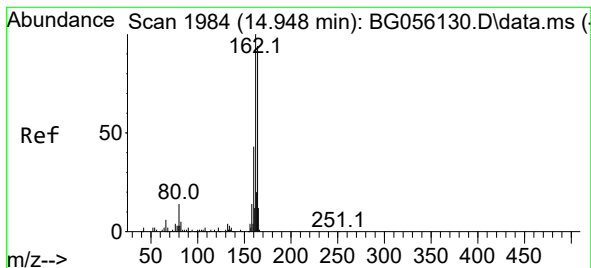
Tgt Ion:136 Resp: 141325
Ion Ratio Lower Upper
136 100
137 12.4 9.4 14.0
54 3.0 2.2 3.2
68 5.4 3.4 5.0#



#23
Nitrobenzene-d5
Concen: 96.463 ng
RT: 9.510 min Scan# 1059
Delta R.T. -0.003 min
Lab File: BG056146.D
Acq: 28 Dec 2022 19:11

Tgt Ion: 82 Resp: 266514
Ion Ratio Lower Upper
82 100
128 42.7 33.4 50.2
54 26.0 20.3 30.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.945 min Scan# 1984

Delta R.T. -0.003 min

Lab File: BG056146.D

Acq: 28 Dec 2022 19:11

Instrument :

BNA_G

ClientSampleId :

TP-CR

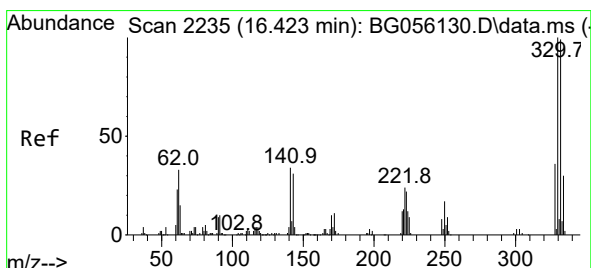
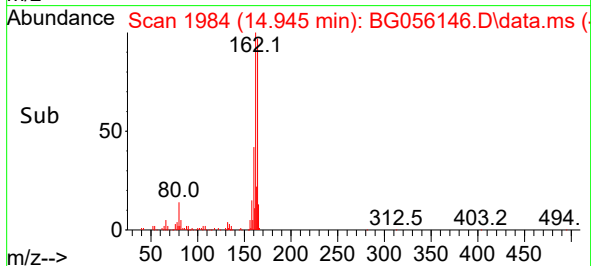
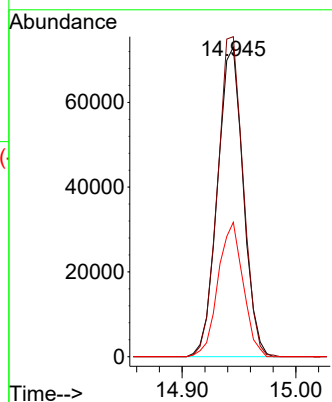
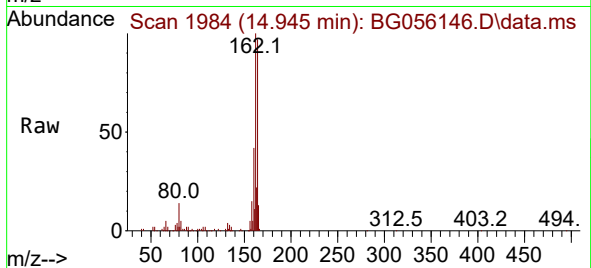
Tgt Ion:164 Resp: 114862

Ion Ratio Lower Upper

164 100

162 103.4 84.7 127.1

160 43.4 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 155.773 ng

RT: 16.420 min Scan# 2235

Delta R.T. -0.003 min

Lab File: BG056146.D

Acq: 28 Dec 2022 19:11

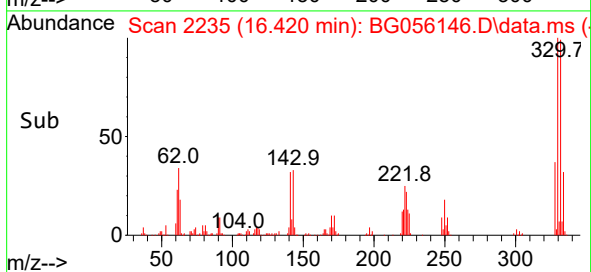
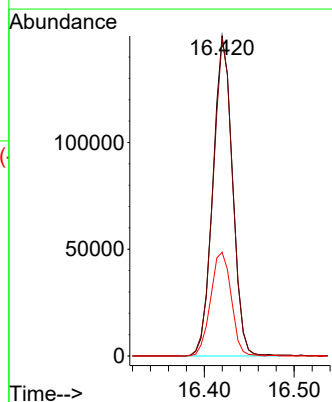
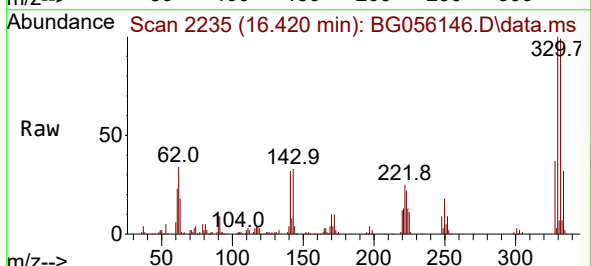
Tgt Ion:330 Resp: 226605

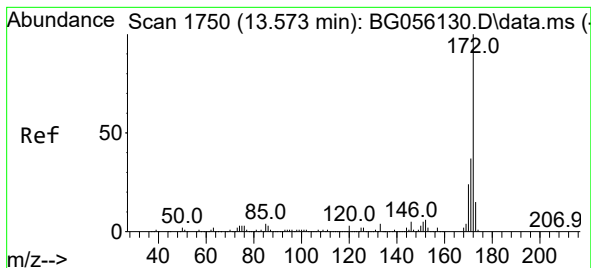
Ion Ratio Lower Upper

330 100

332 99.0 77.3 115.9

141 34.0 27.9 41.9

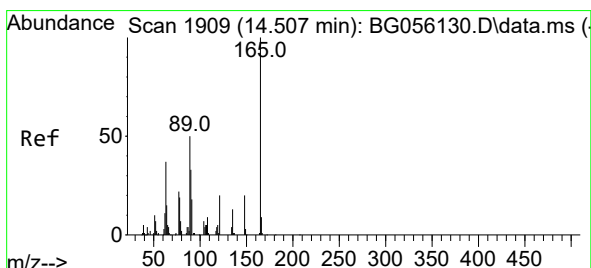
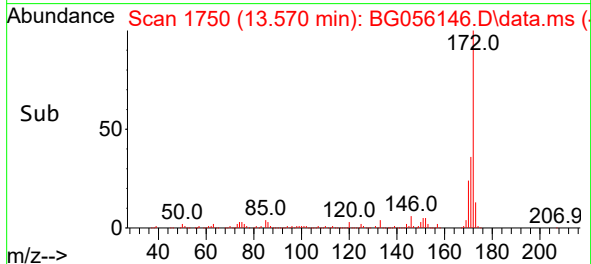
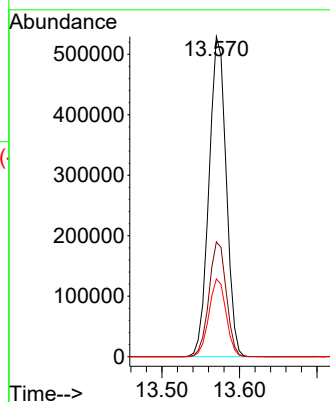
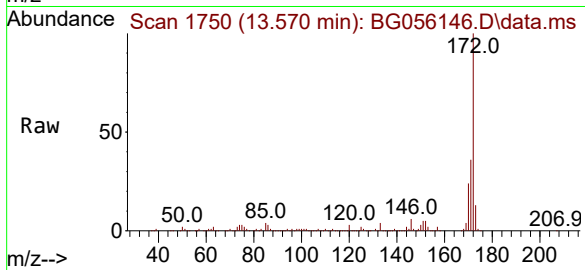




#45
2-Fluorobiphenyl
Concen: 97.976 ng
RT: 13.570 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG056146.D
Acq: 28 Dec 2022 19:11

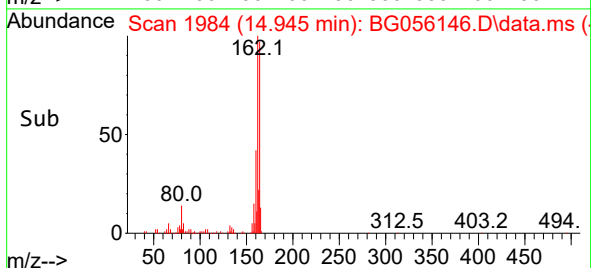
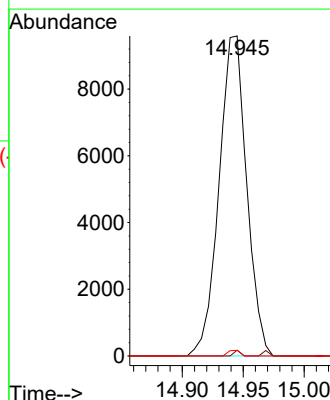
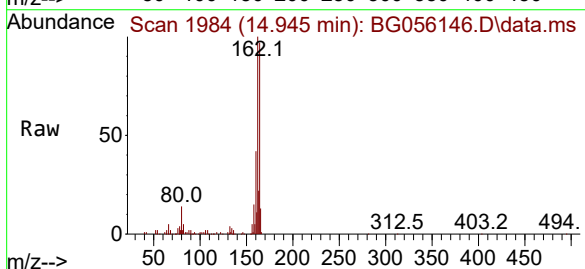
Instrument :
BNA_G
ClientSampleId :
TP-CR

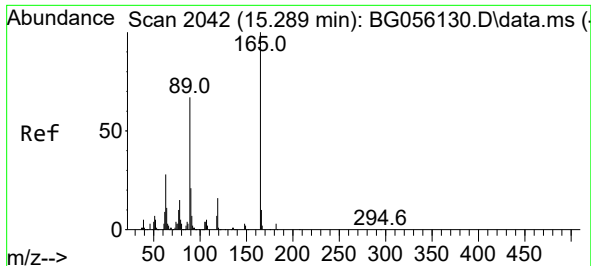
Tgt Ion:172 Resp: 814954
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 24.3 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.673 ng
RT: 14.945 min Scan# 1984
Delta R.T. 0.438 min
Lab File: BG056146.D
Acq: 28 Dec 2022 19:11

Tgt Ion:165 Resp: 15160
Ion Ratio Lower Upper
165 100
63 1.8 32.2 48.2#
89 1.7 39.8 59.8#





#57

2,4-Dinitrotoluene

Concen: 5.486 ng

RT: 14.945 min Scan# 1984

Delta R.T. -0.344 min

Lab File: BG056146.D

Acq: 28 Dec 2022 19:11

Instrument :

BNA_G

ClientSampleId :

TP-CR

Tgt Ion:165 Resp: 15160

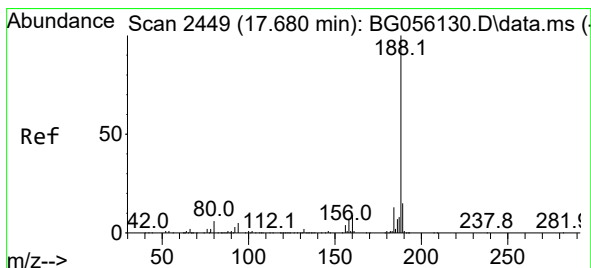
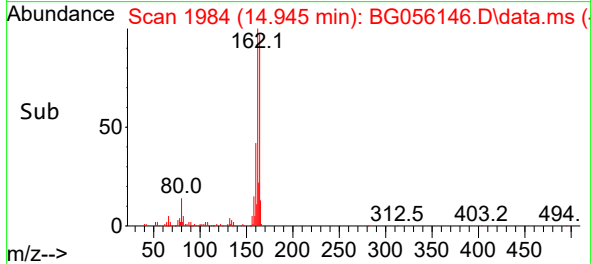
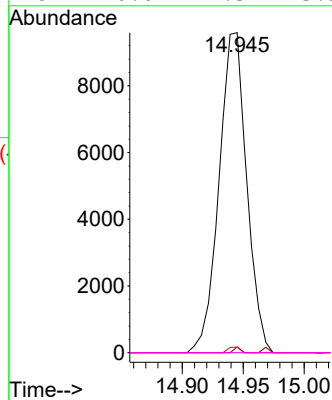
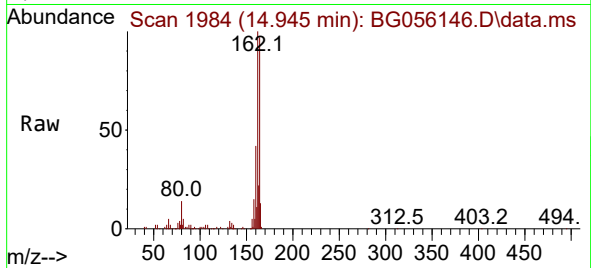
Ion Ratio Lower Upper

165 100

63 1.8 22.6 34.0#

89 1.7 53.2 79.8#

182 0.0 2.3 3.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.677 min Scan# 2449

Delta R.T. -0.003 min

Lab File: BG056146.D

Acq: 28 Dec 2022 19:11

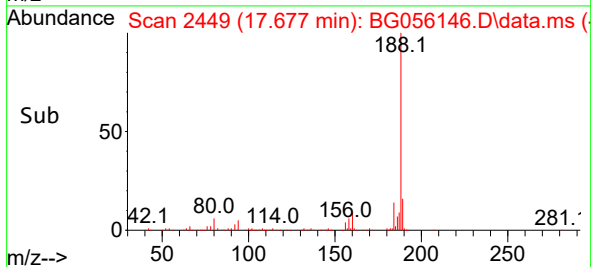
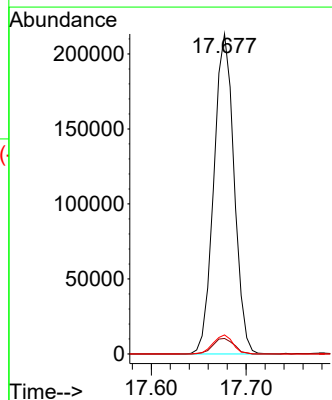
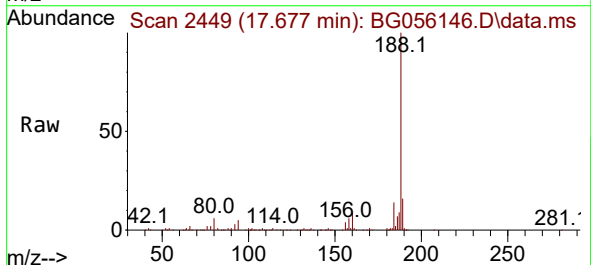
Tgt Ion:188 Resp: 316506

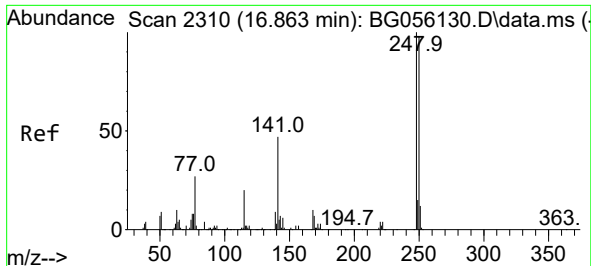
Ion Ratio Lower Upper

188 100

94 4.9 4.2 6.2

80 5.9 5.0 7.4

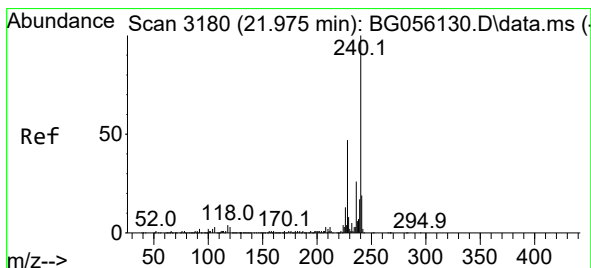
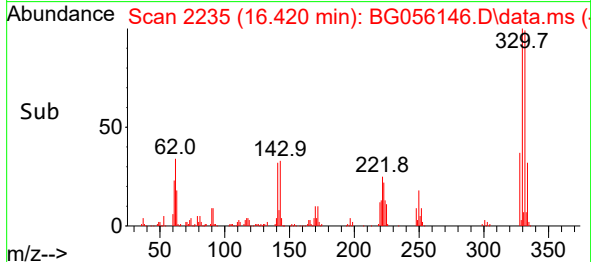
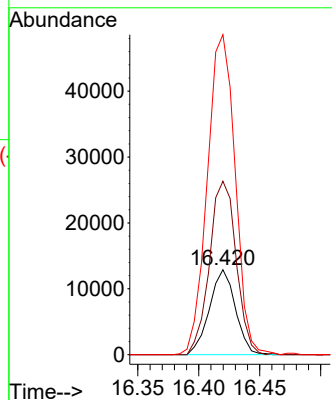
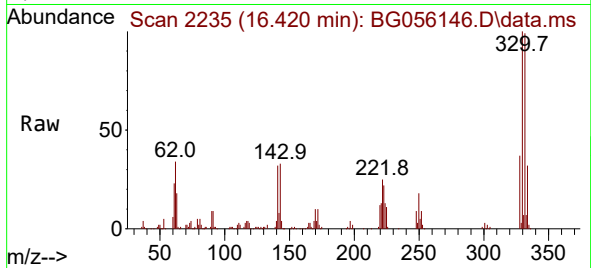




#67
4-Bromophenyl-phenylether
Concen: 4.743 ng
RT: 16.420 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG056146.D
Acq: 28 Dec 2022 19:11

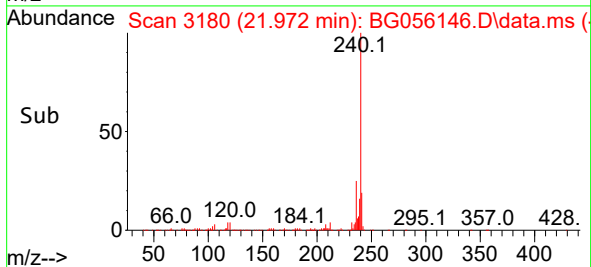
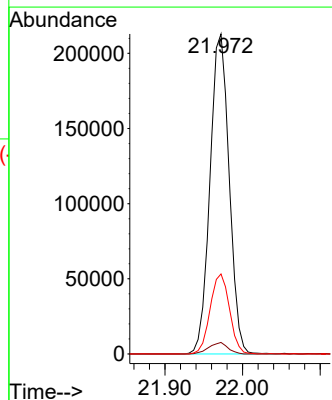
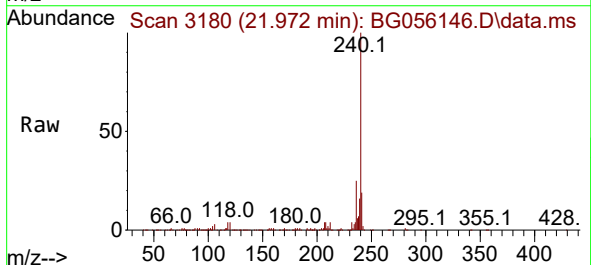
Instrument :
BNA_G
ClientSampleId :
TP-CR

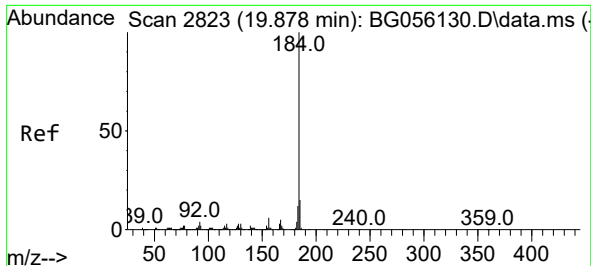
Tgt Ion:248 Resp: 19117
Ion Ratio Lower Upper
248 100
250 204.2 78.2 117.4#
141 376.9 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.972 min Scan# 3180
Delta R.T. -0.003 min
Lab File: BG056146.D
Acq: 28 Dec 2022 19:11

Tgt Ion:240 Resp: 365350
Ion Ratio Lower Upper
240 100
120 3.6 2.6 4.0
236 25.0 20.8 31.2

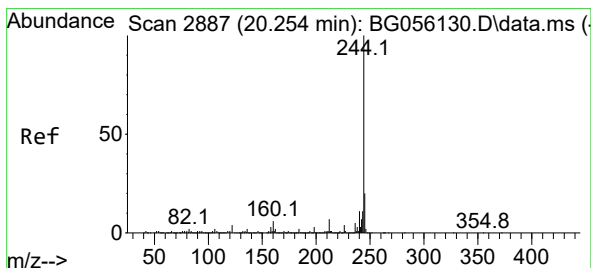
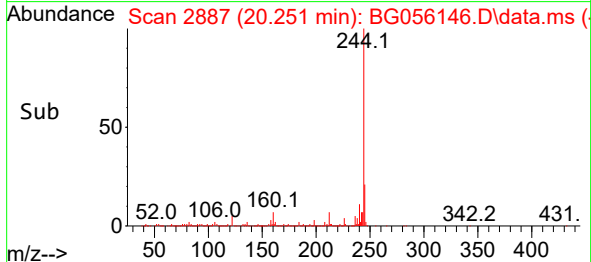
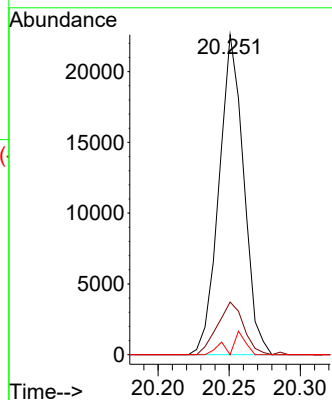
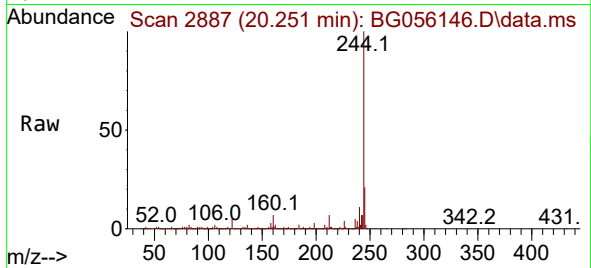




#77
Benzidine
Concen: 2.128 ng
RT: 20.251 min Scan# 2887
Delta R.T. 0.373 min
Lab File: BG056146.D
Acq: 28 Dec 2022 19:11

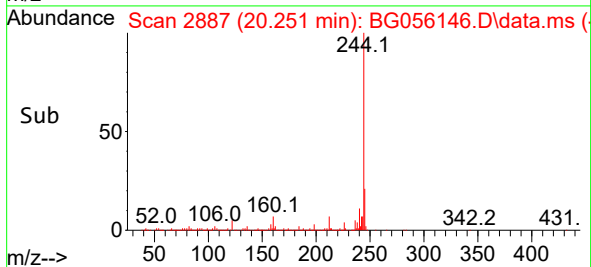
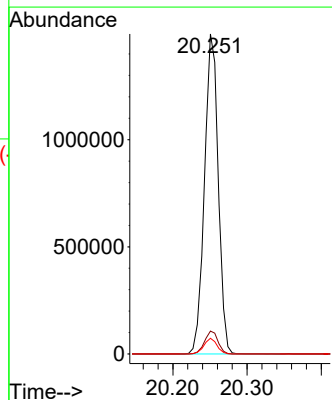
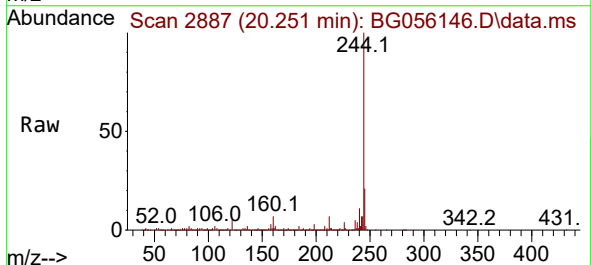
Instrument :
BNA_G
ClientSampleId :
TP-CR

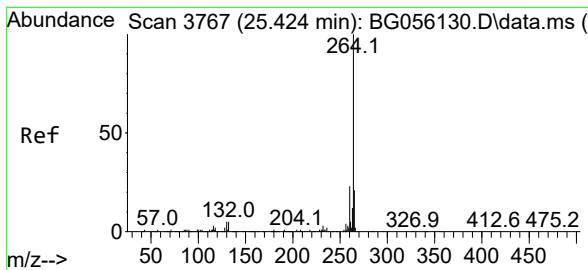
Tgt Ion:184 Resp: 27252
Ion Ratio Lower Upper
184 100
185 16.5 12.2 18.2
183 0.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 94.480 ng
RT: 20.251 min Scan# 2887
Delta R.T. -0.003 min
Lab File: BG056146.D
Acq: 28 Dec 2022 19:11

Tgt Ion:244 Resp: 1927262
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 4.9 3.5 5.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.427 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: BG056146.D
 Acq: 28 Dec 2022 19:11

Instrument :
 BNA_G
 ClientSampleId :
 TP-CR

Tgt Ion:264 Resp: 394845

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	20.7	16.7	25.1

