

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059856.D
 Acq On : 24 Nov 2023 13:07
 Operator : MA/JU
 Sample : PB157389BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157389BL

Quant Time: Nov 24 13:56:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 01:51:38 2023
 Response via : Initial Calibration

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

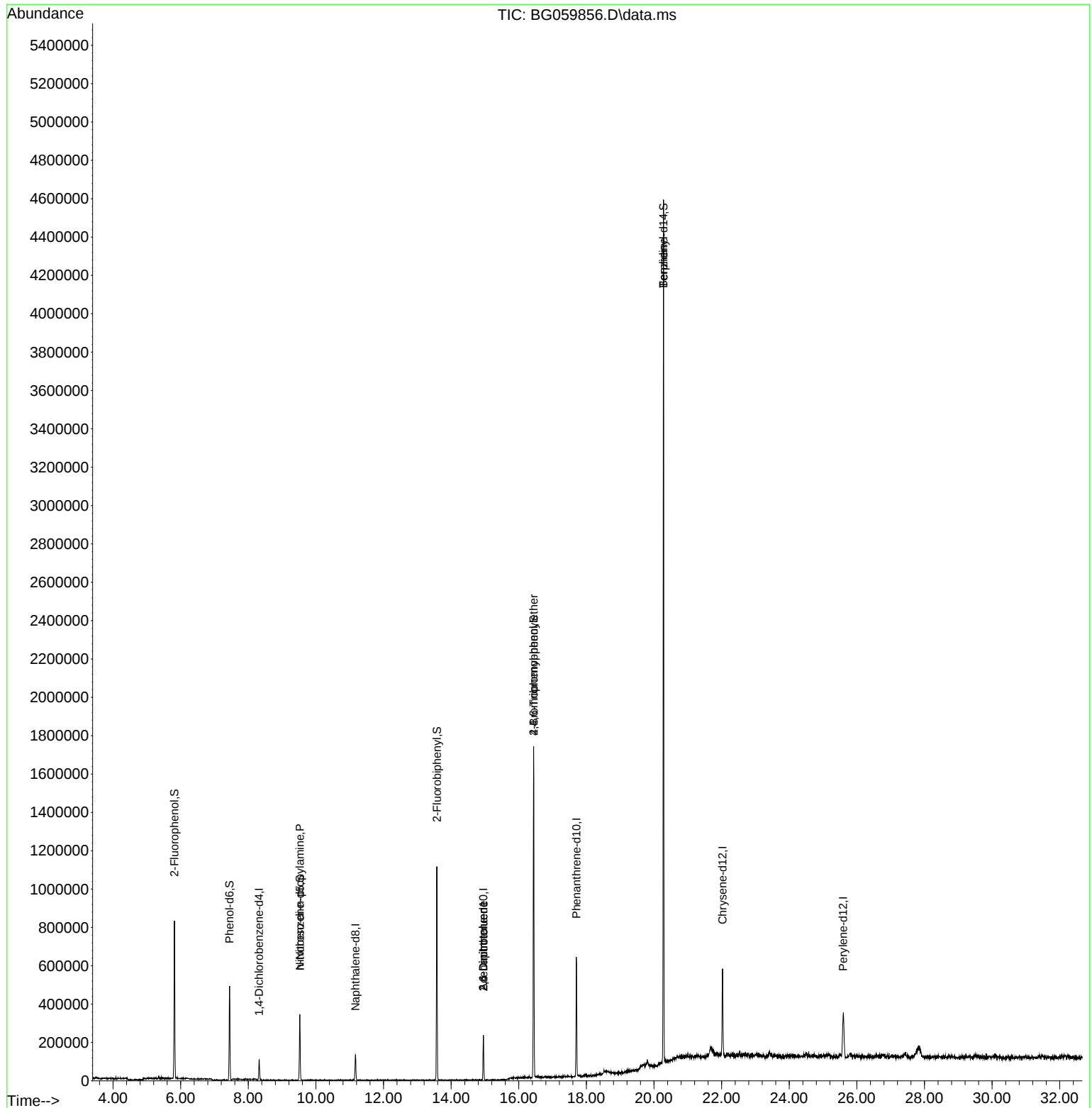
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.318	152	23717	20.000	ng	-0.02
21) Naphthalene-d8	11.168	136	96735	20.000	ng	#-0.03
39) Acenaphthene-d10	14.952	164	71952	20.000	ng	-0.02
64) Phenanthrene-d10	17.707	188	338909	20.000	ng	#-0.01
76) Chrysene-d12	22.026	240	260711	20.000	ng	-0.03
86) Perylene-d12	25.592	264	281482	20.000	ng	#-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.815	112	288507	204.746	ng	-0.01
7) Phenol-d6	7.443	99	227044	108.730	ng	-0.01
23) Nitrobenzene-d5	9.523	82	199390	78.721	ng	-0.02
42) 2,4,6-Tribromophenol	16.444	330	237784	291.265	ng	-0.01
45) 2-Fluorobiphenyl	13.577	172	471231	88.156	ng	-0.02
79) Terphenyl-d14	20.281	244	1745627	98.844	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.523	70	31091	18.907	ng	# 82
51) 2,6-Dinitrotoluene	14.952	165	10655	10.073	ng	# 1
57) 2,4-Dinitrotoluene	14.952	165	10655	6.550	ng	# 1
67) 4-Bromophenyl-phenylether	16.444	248	18004	4.945	ng	# 1
77) Benzidine	20.281	184	54175	9.164	ng	# 91

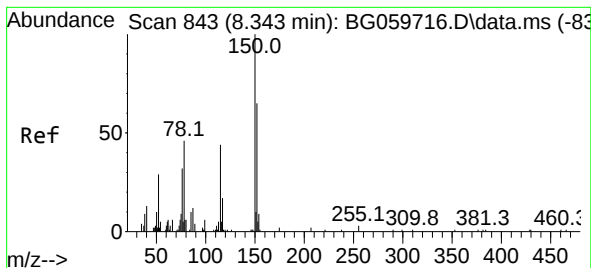
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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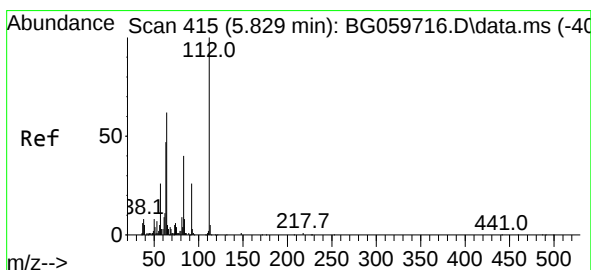
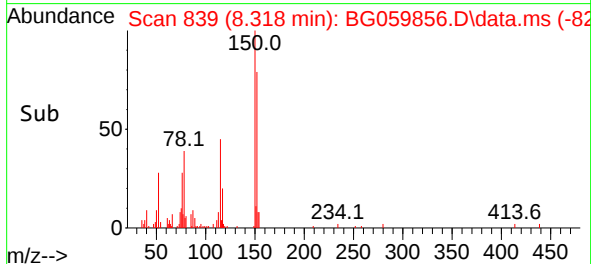
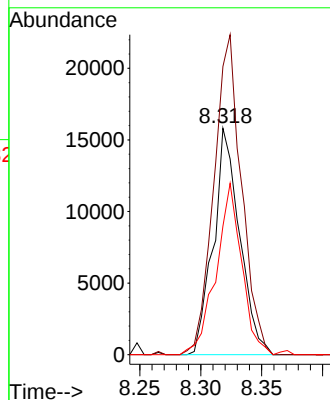
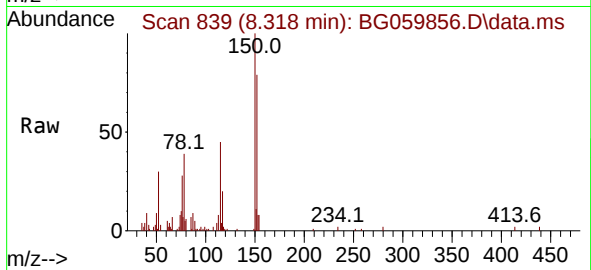




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.318 min Scan# 81
Delta R.T. -0.025 min
Lab File: BG059856.D
Acq: 24 Nov 2023 13:07

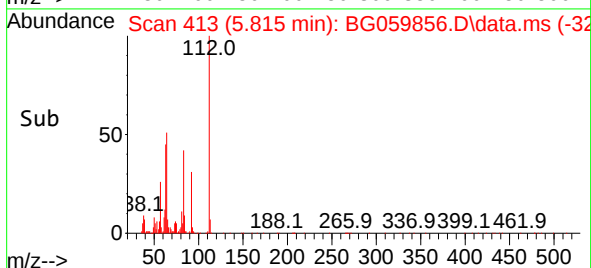
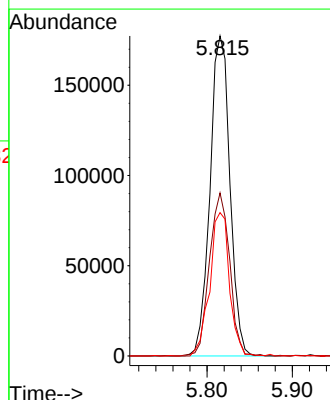
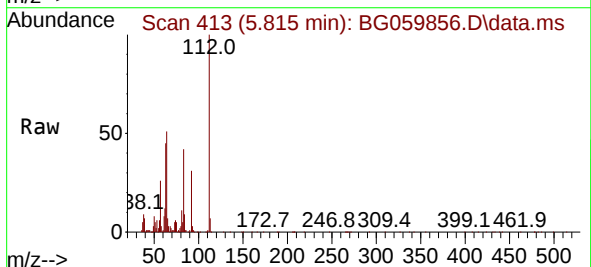
Instrument :
BNA_G
ClientSampleId :
PB157389BL

Tgt Ion:152 Resp: 23717
Ion Ratio Lower Upper
152 100
150 127.2 122.2 183.4
115 56.7 54.2 81.4



#5
2-Fluorophenol
Concen: 204.746 ng
RT: 5.815 min Scan# 413
Delta R.T. -0.013 min
Lab File: BG059856.D
Acq: 24 Nov 2023 13:07

Tgt Ion:112 Resp: 288507
Ion Ratio Lower Upper
112 100
64 51.0 49.5 74.3
63 44.8 37.4 56.2

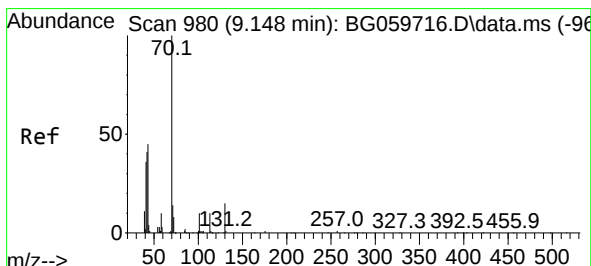
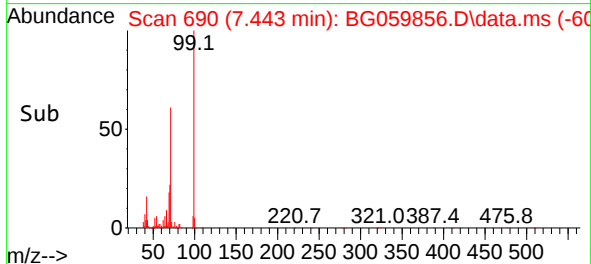
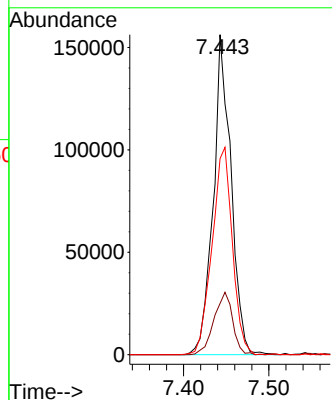
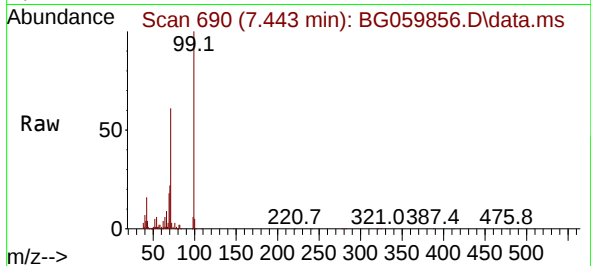




#7
Phenol-d6
Concen: 108.730 ng
RT: 7.443 min Scan# 692
Delta R.T. -0.014 min
Lab File: BG059856.D
Acq: 24 Nov 2023 13:07

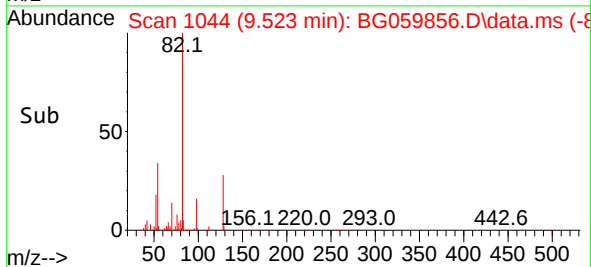
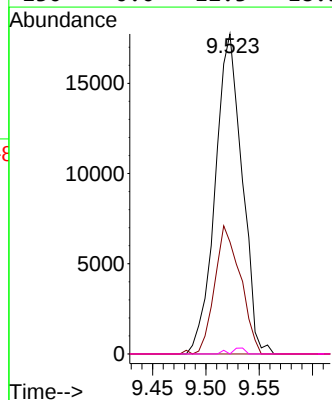
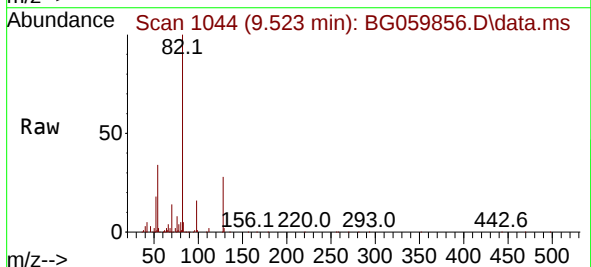
Instrument :
BNA_G
ClientSampleId :
PB157389BL

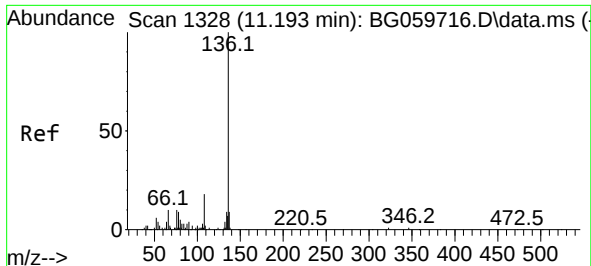
Tgt Ion: 99 Resp: 227044
Ion Ratio Lower Upper
99 100
42 16.0 14.3 21.5
71 61.3 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 18.907 ng
RT: 9.523 min Scan# 1044
Delta R.T. 0.374 min
Lab File: BG059856.D
Acq: 24 Nov 2023 13:07

Tgt Ion: 70 Resp: 31091
Ion Ratio Lower Upper
70 100
42 35.0 32.8 49.2
101 0.0 7.7 11.5#
130 0.0 12.3 18.5#

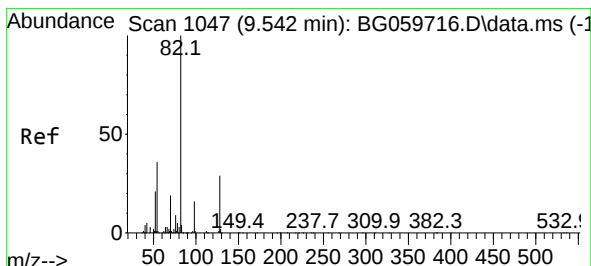
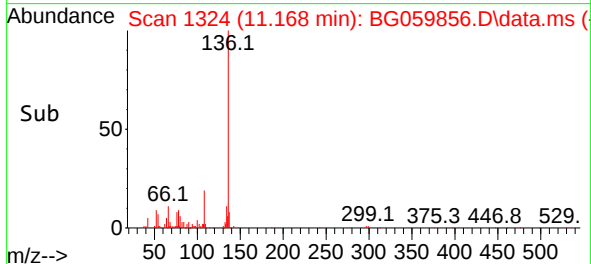
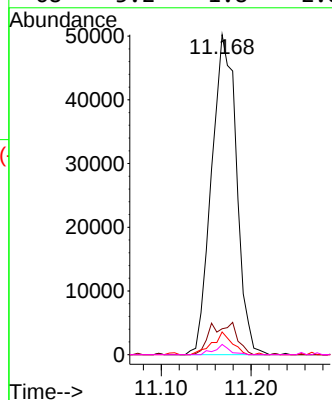
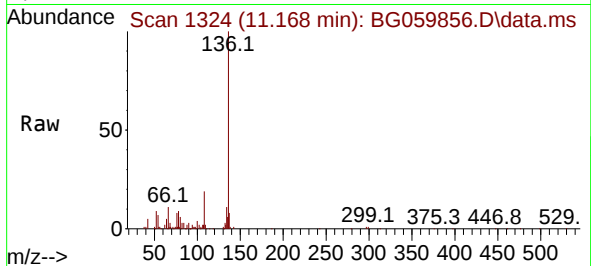




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.168 min Scan# 111
Delta R.T. -0.025 min
Lab File: BG059856.D
Acq: 24 Nov 2023 13:07

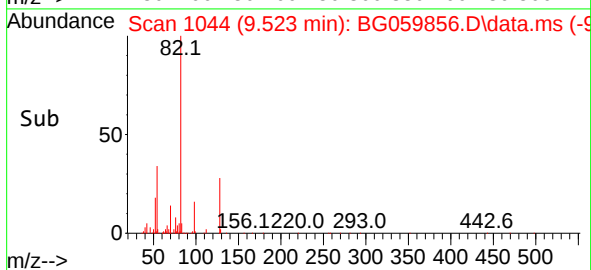
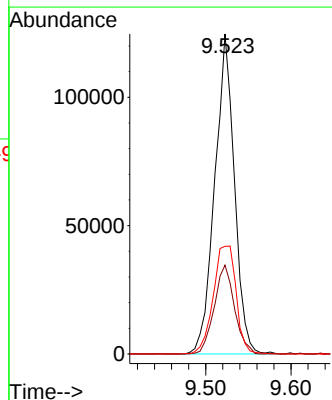
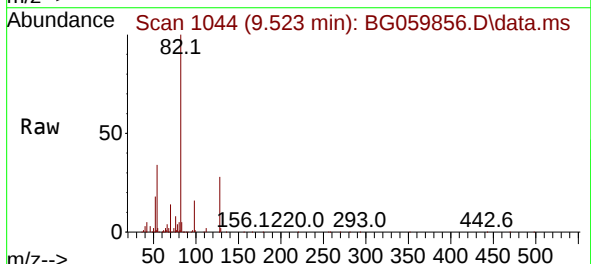
Instrument :
BNA_G
ClientSampleId :
PB157389BL

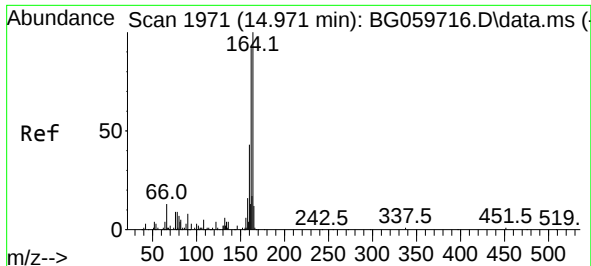
Tgt Ion:	136	Resp:	96735
Ion Ratio	Lower	Upper	
136	100		
137	8.1	7.4	11.0
54	7.1	3.1	4.7#
68	3.2	1.8	2.8#



#23
Nitrobenzene-d5
Concen: 78.721 ng
RT: 9.523 min Scan# 1044
Delta R.T. -0.019 min
Lab File: BG059856.D
Acq: 24 Nov 2023 13:07

Tgt Ion:	82	Resp:	199390
Ion Ratio	Lower	Upper	
82	100		
128	27.8	23.0	34.6
54	33.7	28.7	43.1

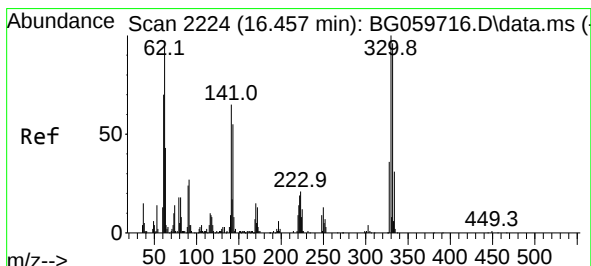
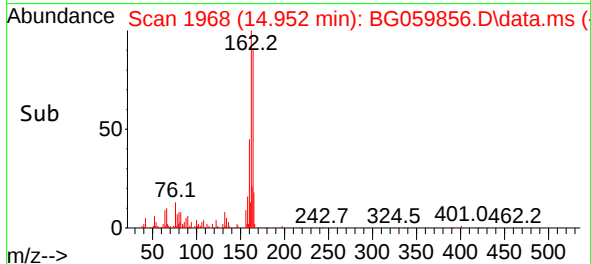
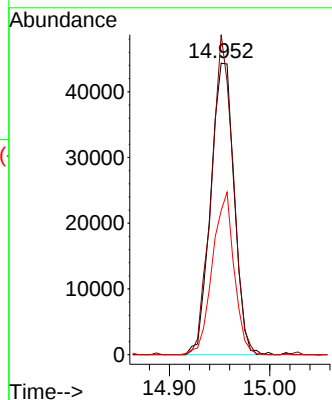
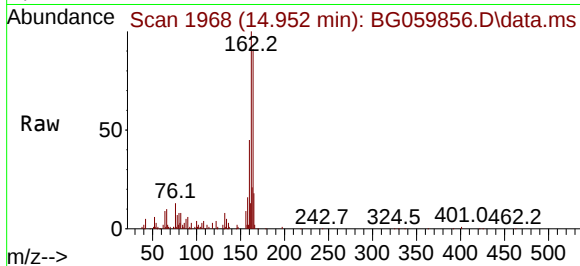




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.952 min Scan# 1971
Delta R.T. -0.019 min
Lab File: BG059856.D
Acq: 24 Nov 2023 13:07

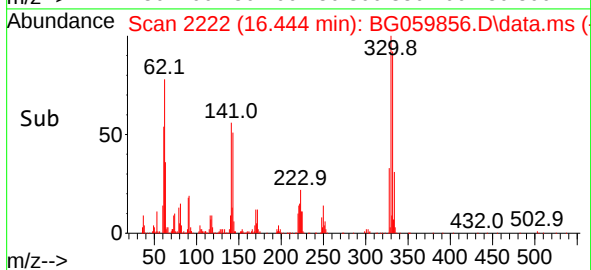
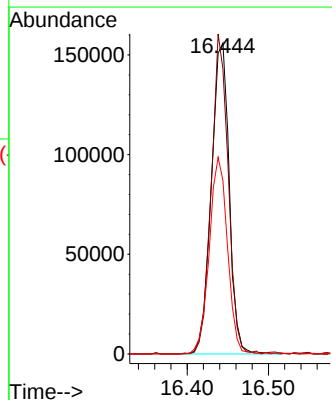
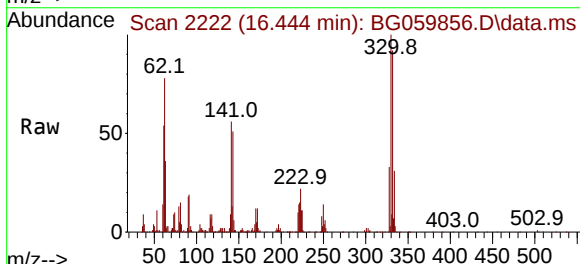
Instrument :
BNA_G
ClientSampleId :
PB157389BL

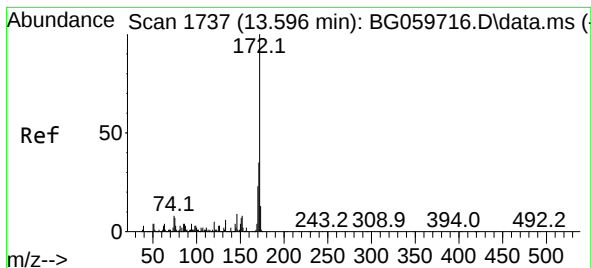
Tgt Ion:164 Resp: 71952
Ion Ratio Lower Upper
164 100
162 109.8 73.3 109.9
160 49.4 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 291.265 ng
RT: 16.444 min Scan# 2222
Delta R.T. -0.014 min
Lab File: BG059856.D
Acq: 24 Nov 2023 13:07

Tgt Ion:330 Resp: 237784
Ion Ratio Lower Upper
330 100
332 97.2 73.3 109.9
141 64.5 52.1 78.1





#45

2-Fluorobiphenyl

Concen: 88.156 ng

RT: 13.577 min Scan# 1

Delta R.T. -0.019 min

Lab File: BG059856.D

Acq: 24 Nov 2023 13:07

Instrument :

BNA_G

ClientSampleId :

PB157389BL

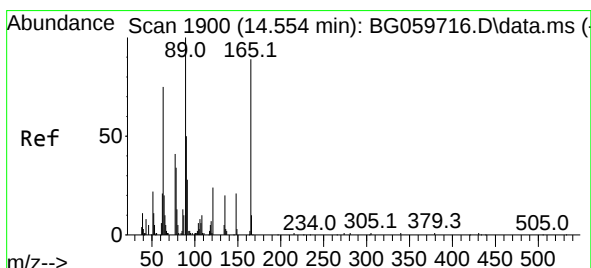
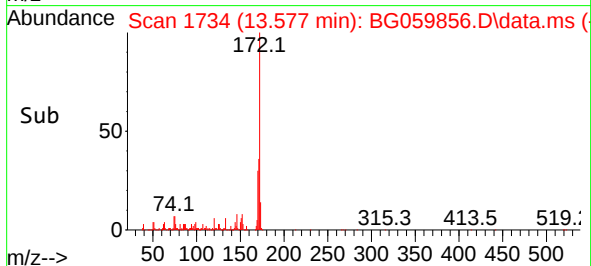
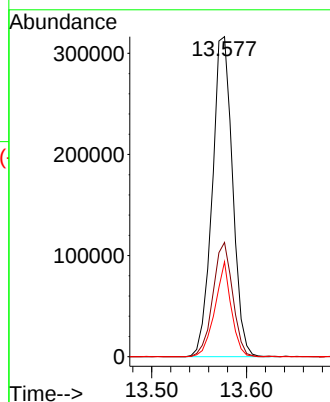
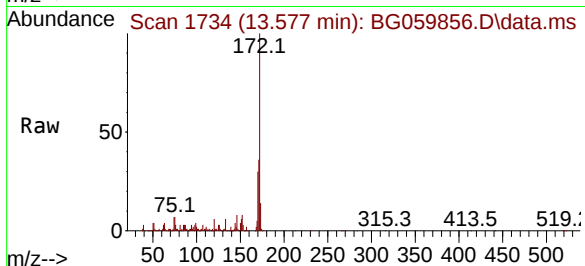
Tgt Ion:172 Resp: 471231

Ion Ratio Lower Upper

172 100

171 35.7 27.7 41.5

170 29.6 18.4 27.6#



#51

2,6-Dinitrotoluene

Concen: 10.073 ng

RT: 14.952 min Scan# 1968

Delta R.T. 0.398 min

Lab File: BG059856.D

Acq: 24 Nov 2023 13:07

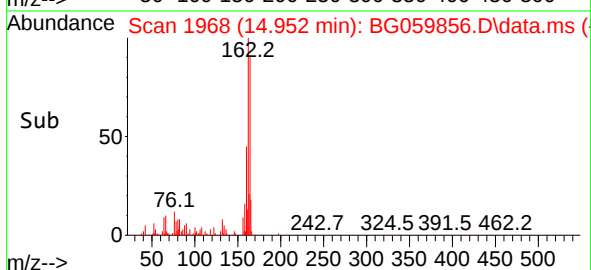
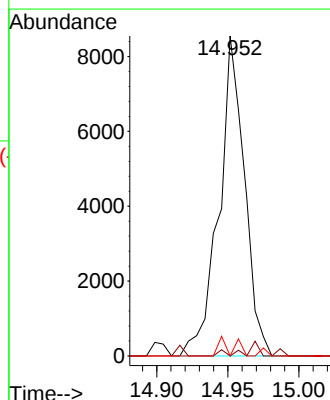
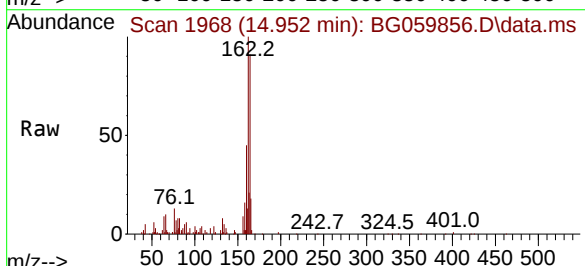
Tgt Ion:165 Resp: 10655

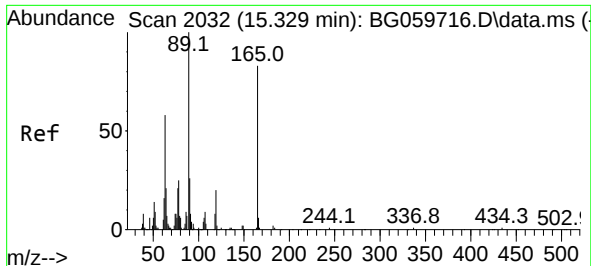
Ion Ratio Lower Upper

165 100

63 0.0 75.3 112.9#

89 0.0 90.9 136.3#





#57

2,4-Dinitrotoluene

Concen: 6.550 ng

RT: 14.952 min Scan# 1968

Delta R.T. -0.378 min

Lab File: BG059856.D

Acq: 24 Nov 2023 13:07

Instrument :

BNA_G

ClientSampleId :

PB157389BL

Tgt Ion:165 Resp: 10655

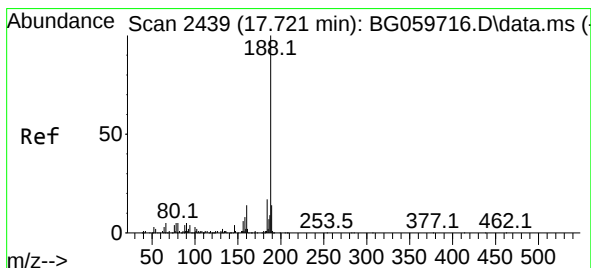
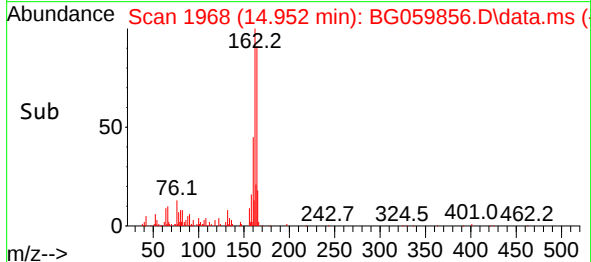
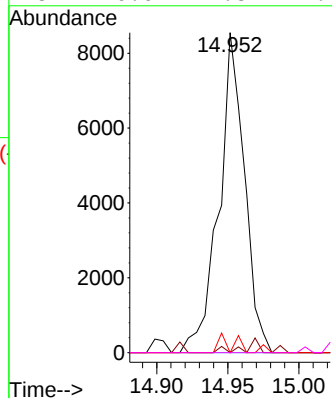
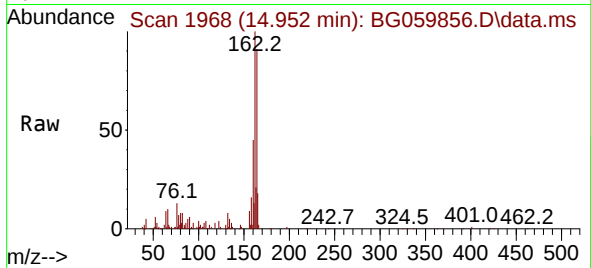
Ion Ratio Lower Upper

165 100

63 0.0 55.8 83.8#

89 0.0 96.9 145.3#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.707 min Scan# 2437

Delta R.T. -0.013 min

Lab File: BG059856.D

Acq: 24 Nov 2023 13:07

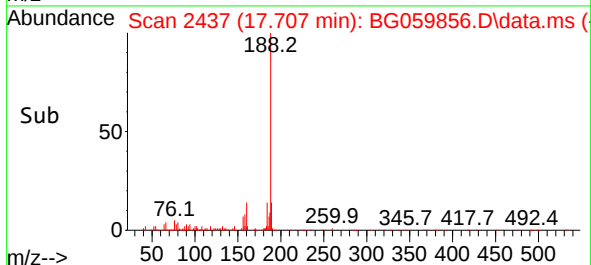
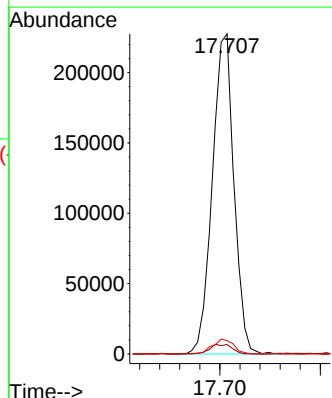
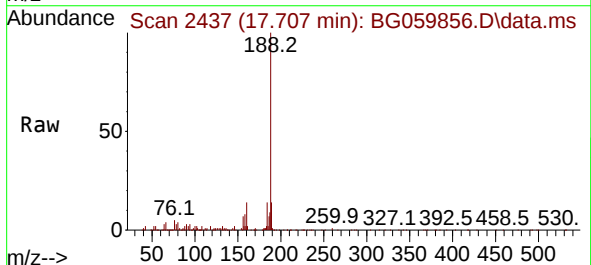
Tgt Ion:188 Resp: 338909

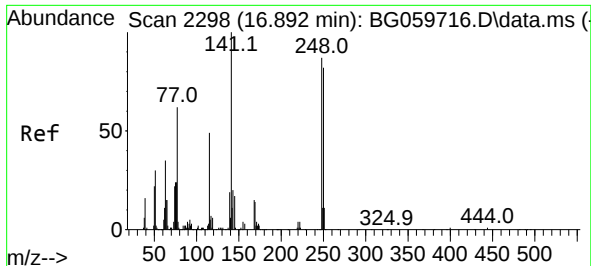
Ion Ratio Lower Upper

188 100

94 3.0 3.0 4.4#

80 4.2 4.2 6.4#

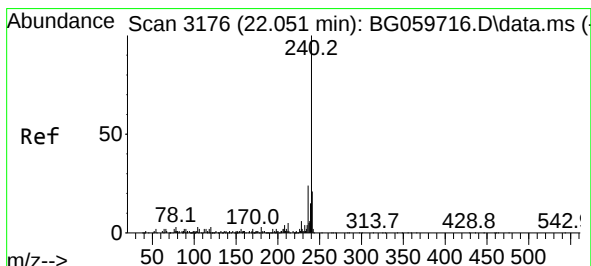
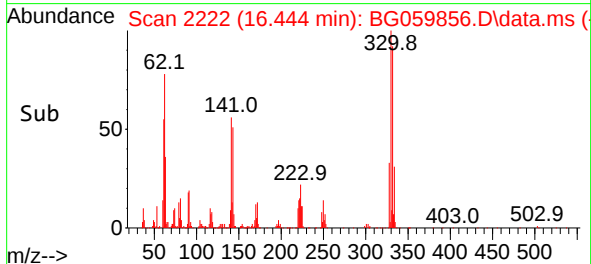
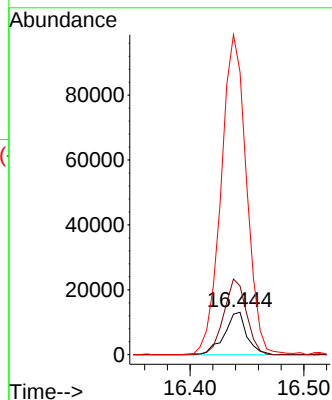
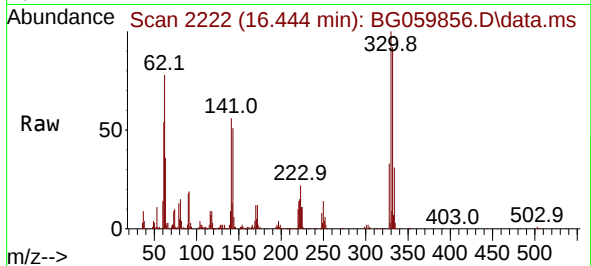




#67
4-Bromophenyl-phenylether
Concen: 4.945 ng
RT: 16.444 min Scan# 21
Delta R.T. -0.448 min
Lab File: BG059856.D
Acq: 24 Nov 2023 13:07

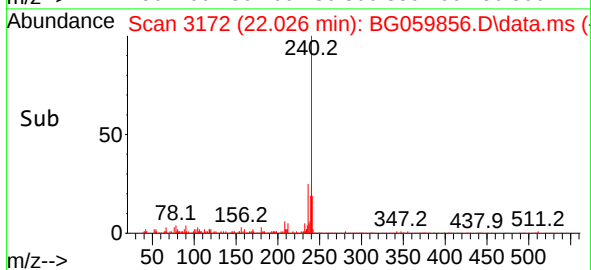
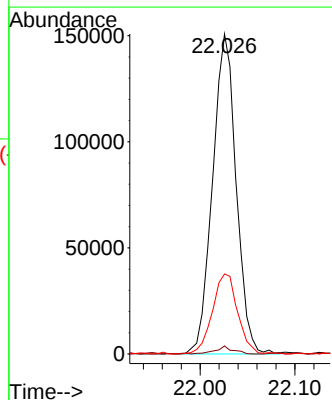
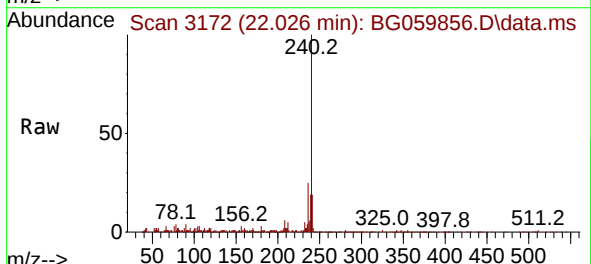
Instrument :
BNA_G
ClientSampleId :
PB157389BL

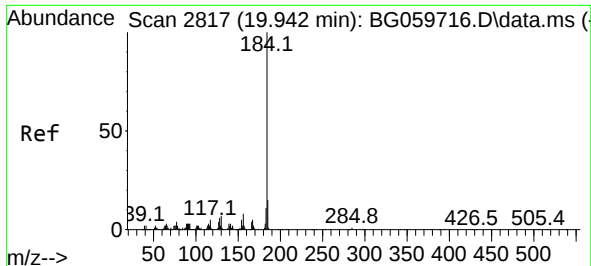
Tgt Ion:248 Resp: 18004
Ion Ratio Lower Upper
248 100
250 161.9 75.2 112.8#
141 666.4 91.5 137.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.026 min Scan# 3172
Delta R.T. -0.025 min
Lab File: BG059856.D
Acq: 24 Nov 2023 13:07

Tgt Ion:240 Resp: 260711
Ion Ratio Lower Upper
240 100
120 2.5 2.2 3.2
236 25.0 19.4 29.2

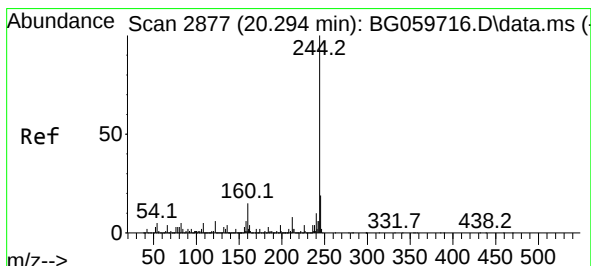
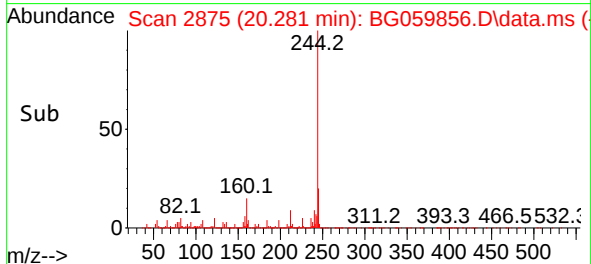
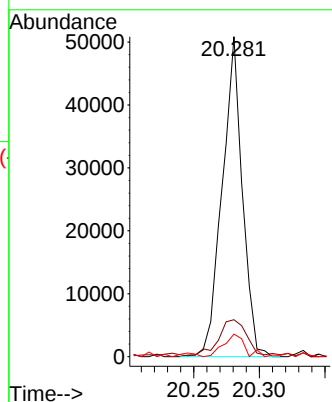
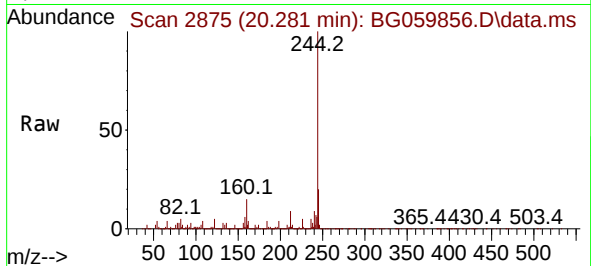




#77
Benzidine
Concen: 9.164 ng
RT: 20.281 min Scan# 2875
Delta R.T. 0.339 min
Lab File: BG059856.D
Acq: 24 Nov 2023 13:07

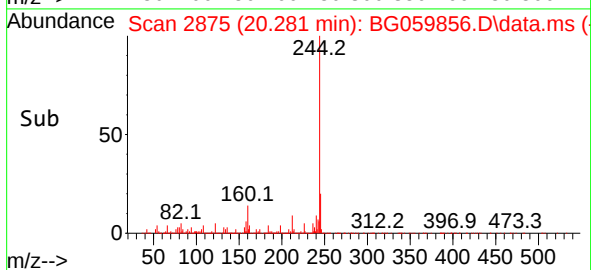
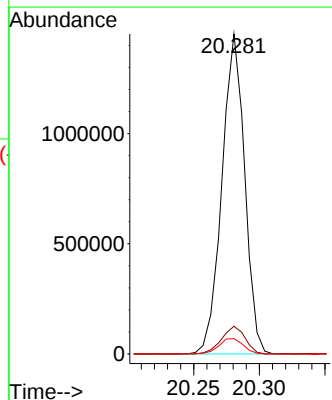
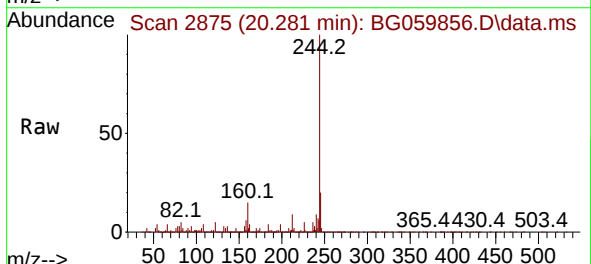
Instrument :
BNA_G
ClientSampleId :
PB157389BL

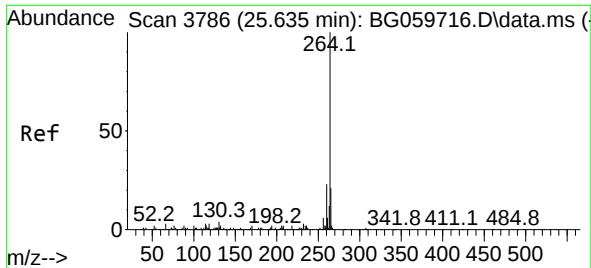
Tgt Ion:184 Resp: 54175
Ion Ratio Lower Upper
184 100
185 11.6 12.2 18.2#
183 7.1 8.8 13.2#



#79
Terphenyl-d14
Concen: 98.844 ng
RT: 20.281 min Scan# 2875
Delta R.T. -0.014 min
Lab File: BG059856.D
Acq: 24 Nov 2023 13:07

Tgt Ion:244 Resp: 1745627
Ion Ratio Lower Upper
244 100
212 8.7 6.6 10.0
122 4.8 4.4 6.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.592 min Scan# 31
Delta R.T. -0.043 min
Lab File: BG059856.D
Acq: 24 Nov 2023 13:07

Instrument :
BNA_G
ClientSampleId :
PB157389BL

Tgt Ion:264 Resp: 281482
Ion Ratio Lower Upper
264 100
260 20.2 18.5 27.7
265 17.0 17.0 25.6#

