

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040423\
 Data File : BG056960.D
 Acq On : 4 Apr 2023 11:01
 Operator : CG/JU
 Sample : PB151854BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151854BL

Quant Time: Apr 05 04:05:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

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

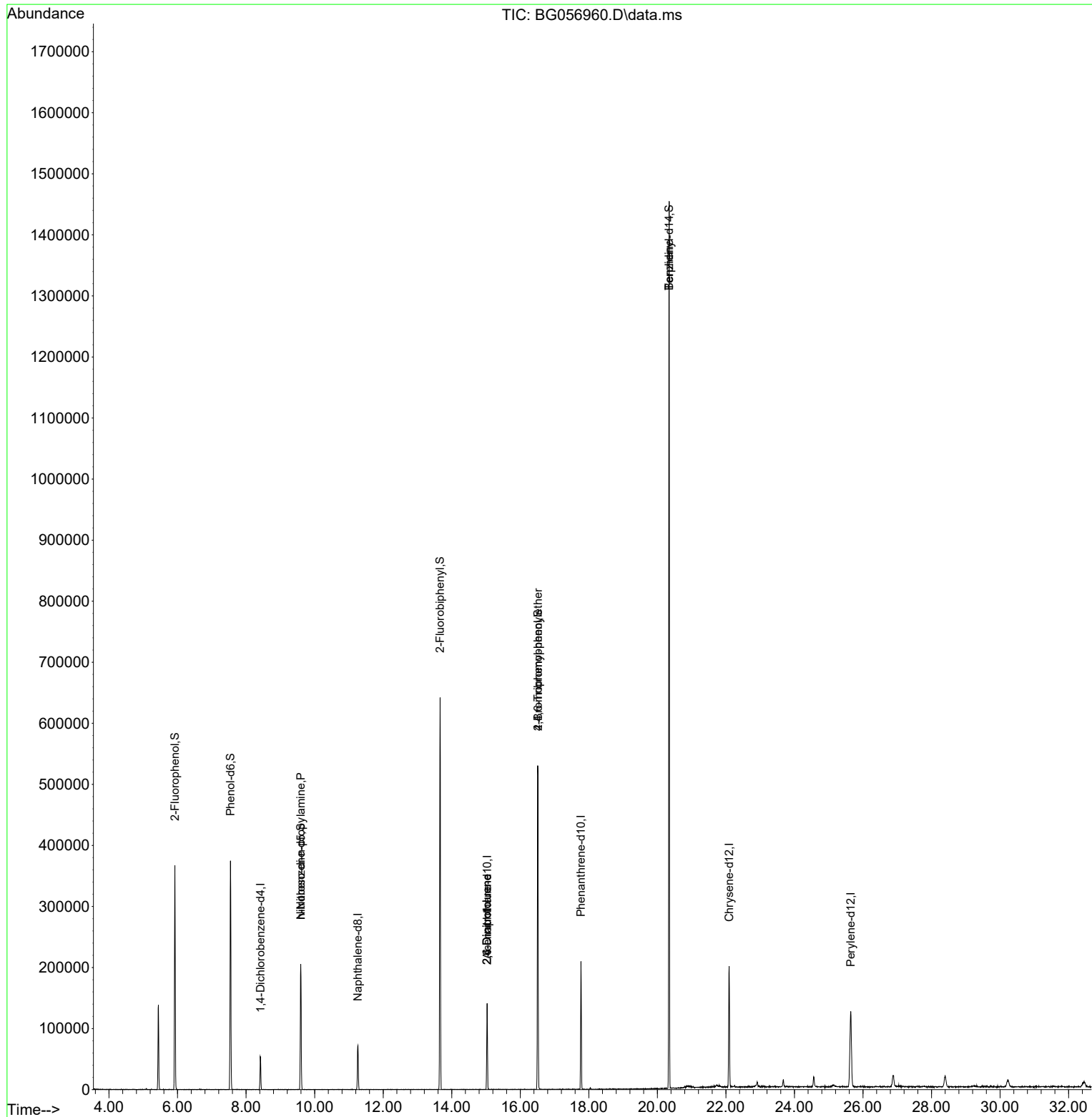
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.420	152	14528	20.000	ng	0.00
21) Naphthalene-d8	11.263	136	62606	20.000	ng	0.00
39) Acenaphthene-d10	15.034	164	51235	20.000	ng	0.00
64) Phenanthrene-d10	17.772	188	133913	20.000	ng	0.00
76) Chrysene-d12	22.095	240	129975	20.000	ng	0.00
86) Perylene-d12	25.644	264	139785	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.923	112	144179	158.832	ng	0.00
7) Phenol-d6	7.544	99	204503	150.630	ng	0.00
23) Nitrobenzene-d5	9.595	82	130207	85.100	ng	0.00
42) 2,4,6-Tribromophenol	16.515	330	107628	131.495	ng	0.00
45) 2-Fluorobiphenyl	13.660	172	322257	85.290	ng	0.00
79) Terphenyl-d14	20.345	244	730198	95.065	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.595	70	18820	19.380	ng	# 84
51) 2,6-Dinitrotoluene	15.028	165	6504	7.457	ng	# 18
57) 2,4-Dinitrotoluene	15.028	165	6504	5.287	ng	# 18
67) 4-Bromophenyl-phenylether	16.515	248	6914	4.173	ng	# 1
77) Benzydine	20.345	184	11838	3.332	ng	# 94

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

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Quant Time: Apr 05 04:05:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 03:23:11 2023
Response via : Initial Calibration

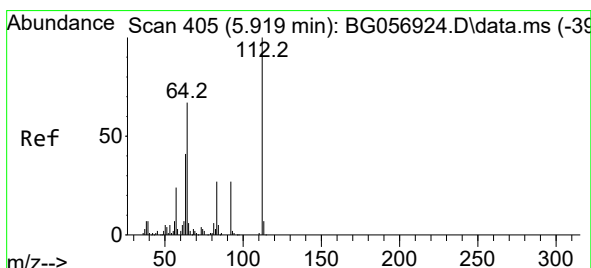
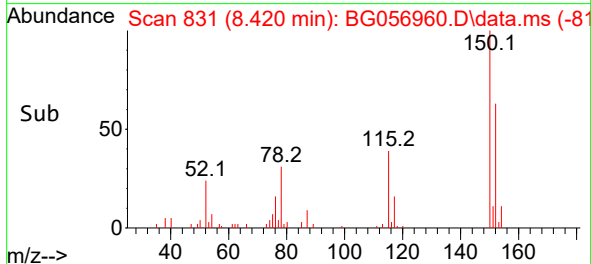
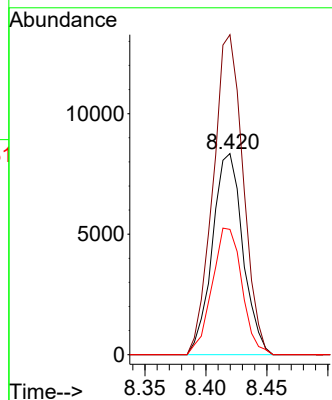
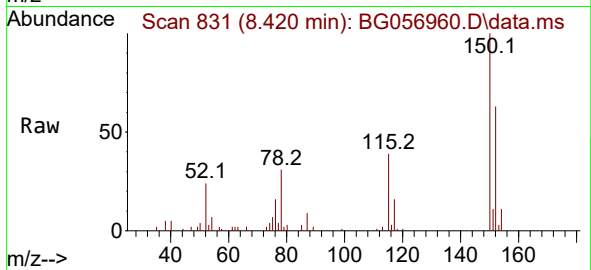




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.420 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG056960.D
Acq: 4 Apr 2023 11:01

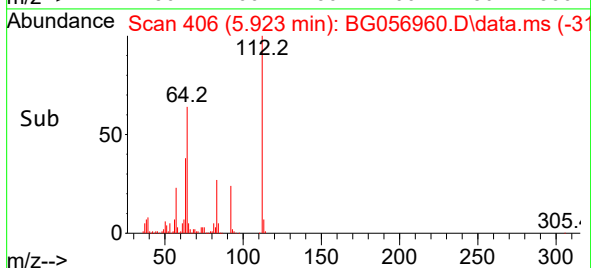
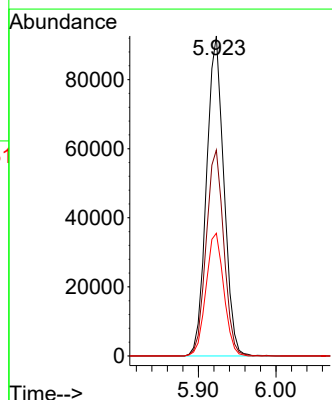
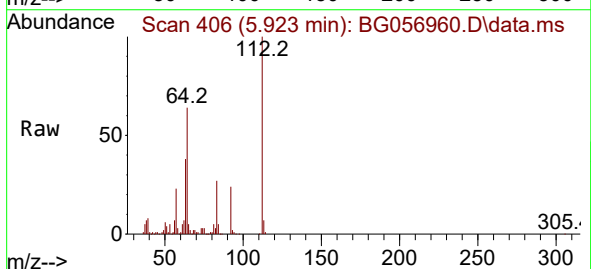
Instrument :
BNA_G
ClientSampleId :
PB151854BL

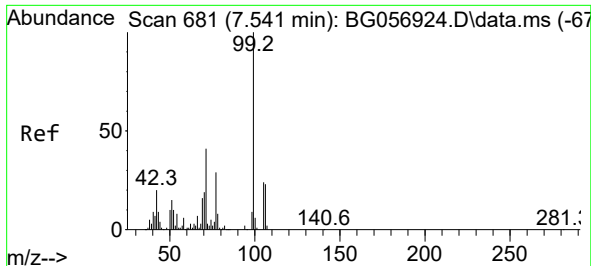
Tgt Ion:152 Resp: 14528
Ion Ratio Lower Upper
152 100
150 159.1 124.1 186.1
115 62.3 49.1 73.7



#5
2-Fluorophenol
Concen: 158.832 ng
RT: 5.923 min Scan# 406
Delta R.T. 0.004 min
Lab File: BG056960.D
Acq: 4 Apr 2023 11:01

Tgt Ion:112 Resp: 144179
Ion Ratio Lower Upper
112 100
64 64.3 53.2 79.8
63 38.4 32.6 48.8

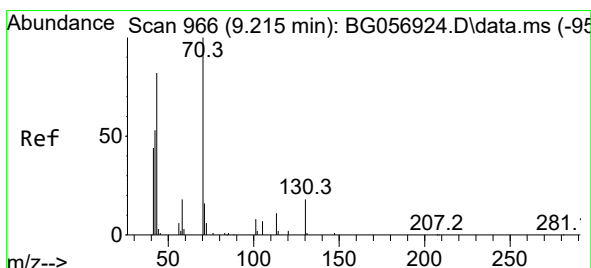
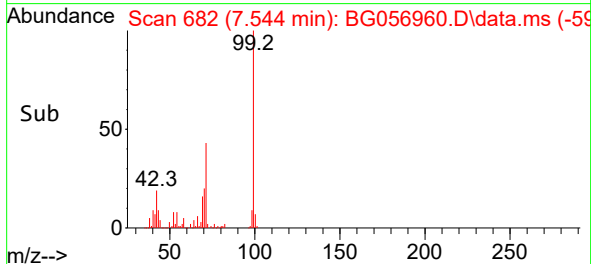
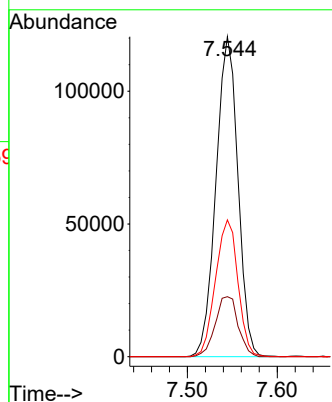
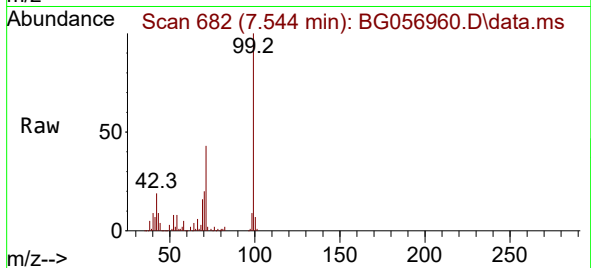




#7
Phenol-d6
Concen: 150.630 ng
RT: 7.544 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG056960.D
Acq: 4 Apr 2023 11:01

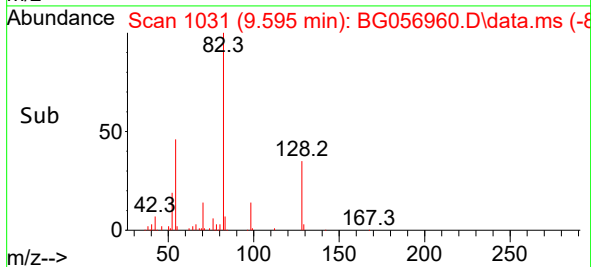
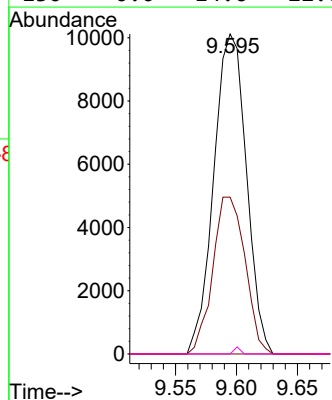
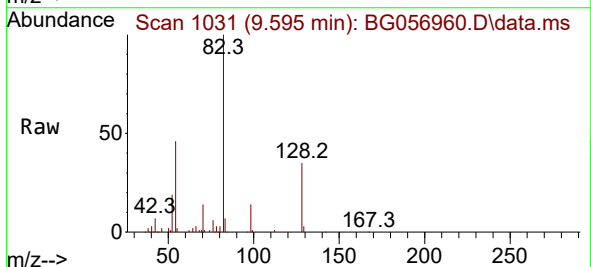
Instrument :
BNA_G
ClientSampleId :
PB151854BL

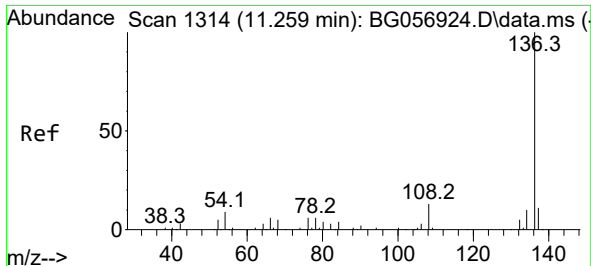
Tgt Ion: 99 Resp: 204503
Ion Ratio Lower Upper
99 100
42 18.7 15.7 23.5
71 42.7 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.380 ng
RT: 9.595 min Scan# 1031
Delta R.T. 0.380 min
Lab File: BG056960.D
Acq: 4 Apr 2023 11:01

Tgt Ion: 70 Resp: 18820
Ion Ratio Lower Upper
70 100
42 49.0 43.4 65.0
101 0.0 6.2 9.2#
130 0.0 14.6 22.0#

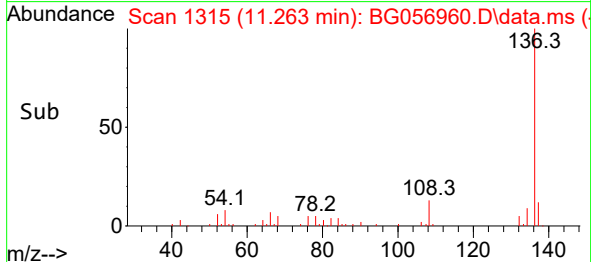
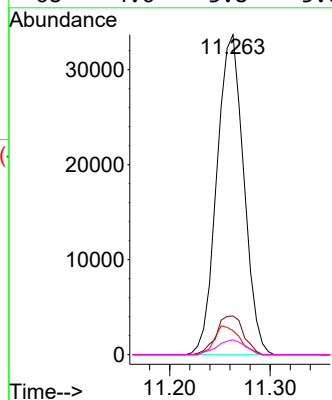
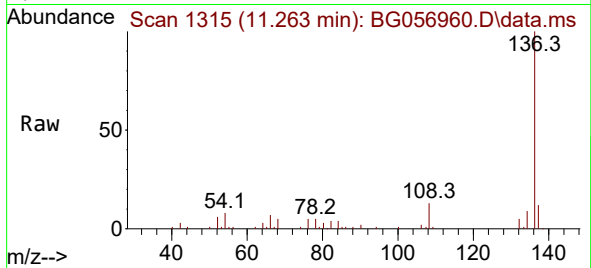




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.263 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG056960.D
Acq: 4 Apr 2023 11:01

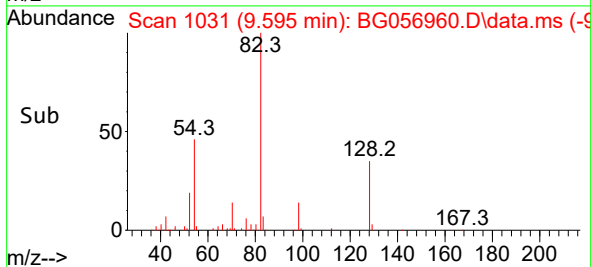
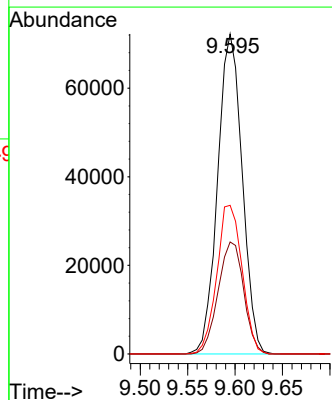
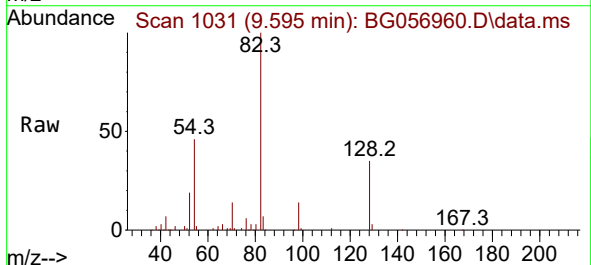
Instrument :
BNA_G
ClientSampleId :
PB151854BL

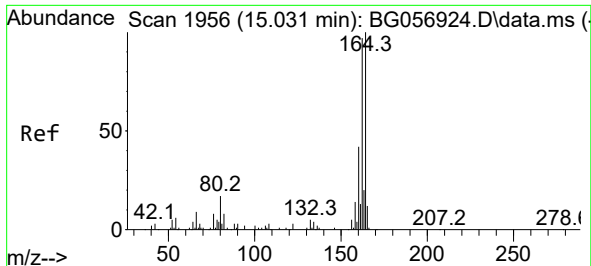
Tgt Ion:	136	Resp:	62606
Ion Ratio	Lower	Upper	
136	100		
137	12.1	8.6	13.0
54	7.5	6.9	10.3
68	4.6	3.8	5.6



#23
Nitrobenzene-d5
Concen: 85.100 ng
RT: 9.595 min Scan# 1031
Delta R.T. -0.002 min
Lab File: BG056960.D
Acq: 4 Apr 2023 11:01

Tgt Ion:	82	Resp:	130207
Ion Ratio	Lower	Upper	
82	100		
128	35.0	27.9	41.9
54	46.4	39.4	59.2

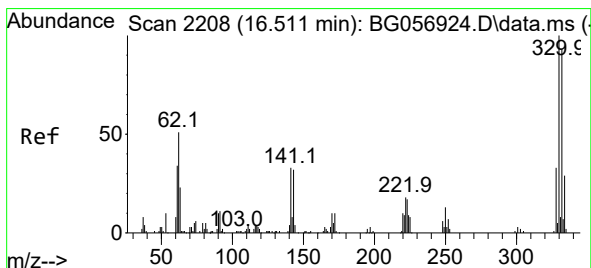
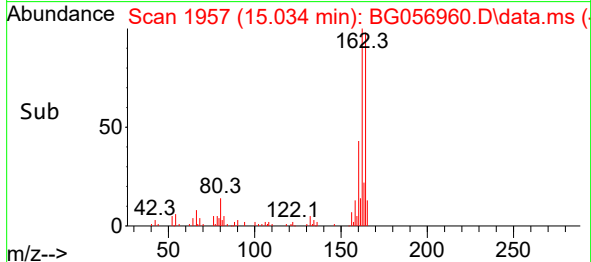
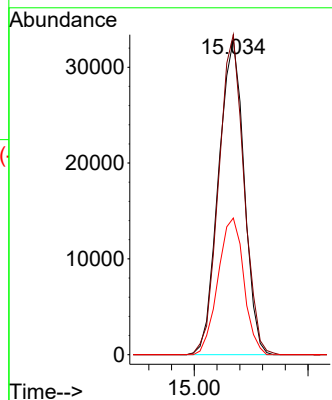
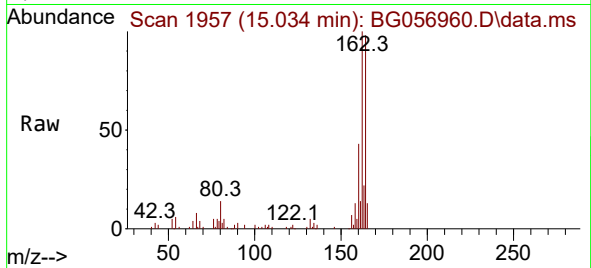




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.034 min Scan# 1956
Delta R.T. 0.004 min
Lab File: BG056960.D
Acq: 4 Apr 2023 11:01

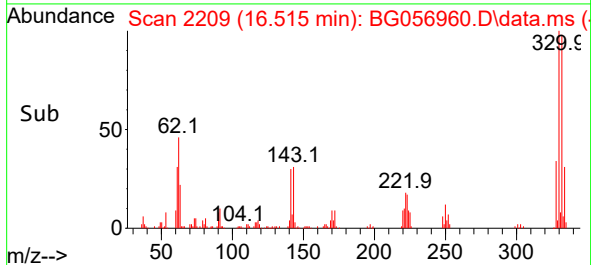
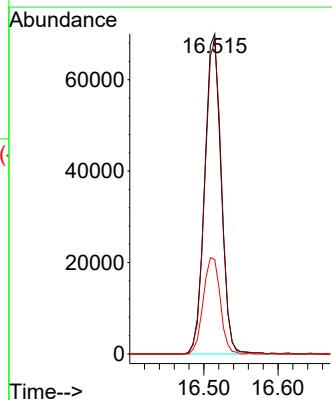
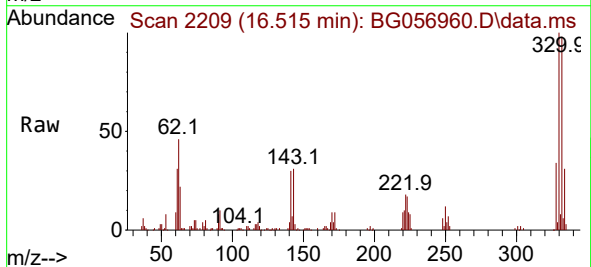
Instrument :
BNA_G
ClientSampleId :
PB151854BL

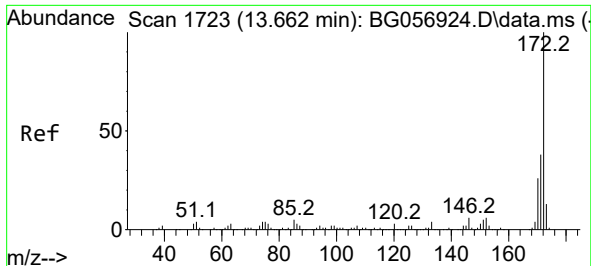
Tgt Ion:164 Resp: 51235
Ion Ratio Lower Upper
164 100
162 101.6 77.8 116.8
160 43.4 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 131.495 ng
RT: 16.515 min Scan# 2209
Delta R.T. 0.004 min
Lab File: BG056960.D
Acq: 4 Apr 2023 11:01

Tgt Ion:330 Resp: 107628
Ion Ratio Lower Upper
330 100
332 99.2 76.1 114.1
141 31.1 25.8 38.6

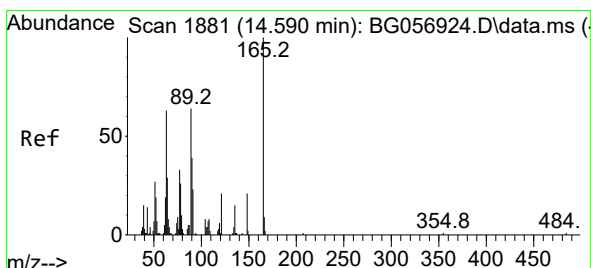
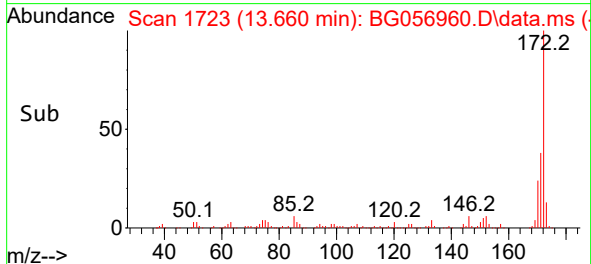
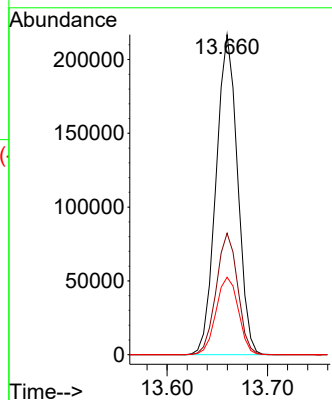
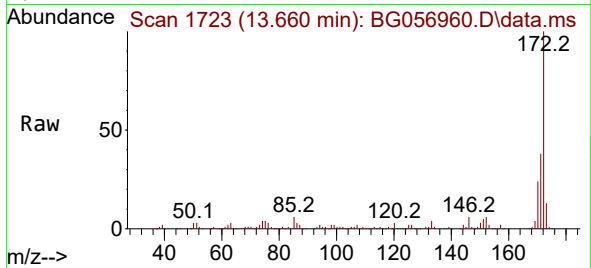




#45
2-Fluorobiphenyl
Concen: 85.290 ng
RT: 13.660 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056960.D
Acq: 4 Apr 2023 11:01

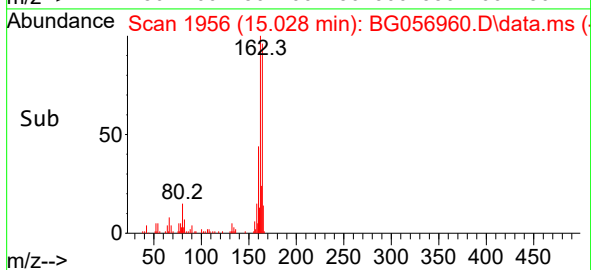
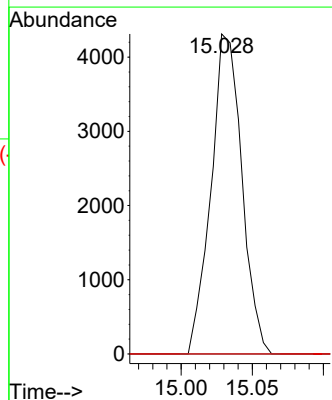
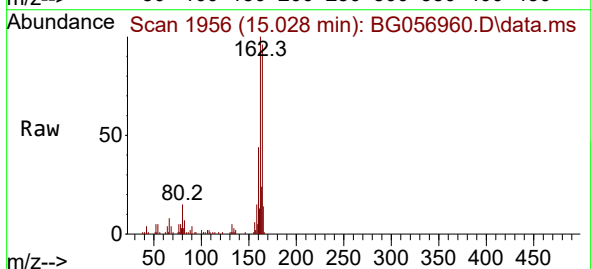
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:172 Resp: 322257
Ion Ratio Lower Upper
172 100
171 37.9 30.6 46.0
170 24.2 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.457 ng
RT: 15.028 min Scan# 1956
Delta R.T. 0.439 min
Lab File: BG056960.D
Acq: 4 Apr 2023 11:01

Tgt Ion:165 Resp: 6504
Ion Ratio Lower Upper
165 100
63 0.0 53.0 79.6#
89 0.0 51.0 76.4#





#57

2,4-Dinitrotoluene

Concen: 5.287 ng

RT: 15.028 min Scan# 1956

Delta R.T. -0.349 min

Lab File: BG056960.D

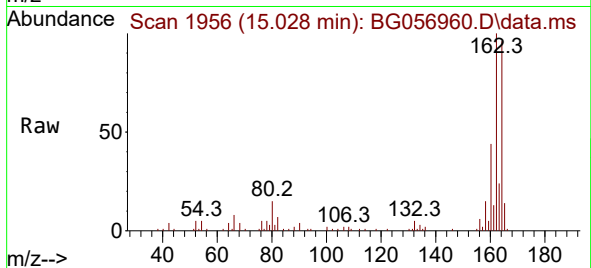
Acq: 4 Apr 2023 11:01

Instrument :

BNA_G

ClientSampleId :

PB151854BL



Tgt Ion:165 Resp: 6504

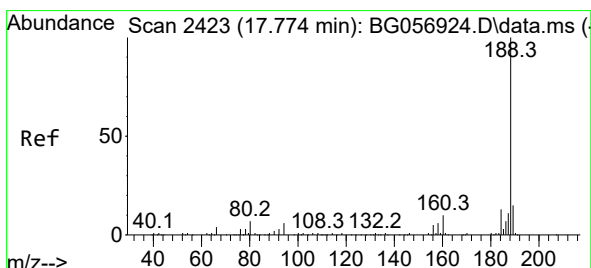
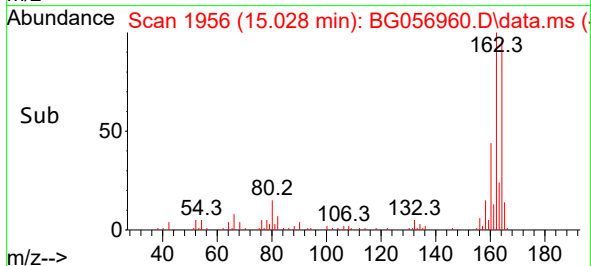
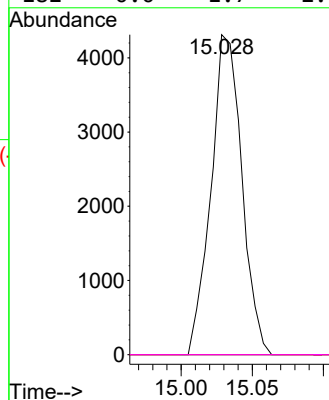
Ion Ratio Lower Upper

165 100

63 0.0 37.7 56.5#

89 0.0 63.2 94.8#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.772 min Scan# 2423

Delta R.T. -0.002 min

Lab File: BG056960.D

Acq: 4 Apr 2023 11:01

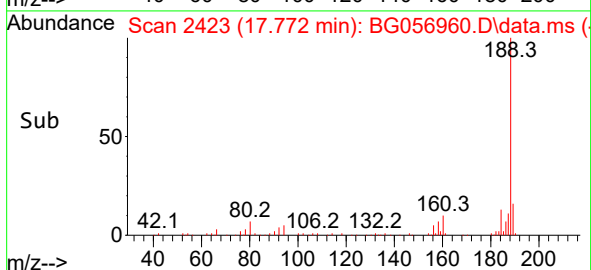
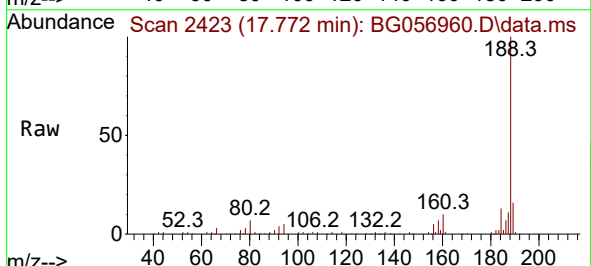
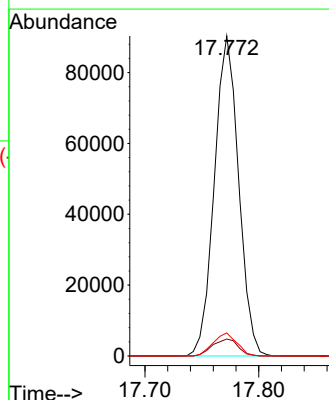
Tgt Ion:188 Resp: 133913

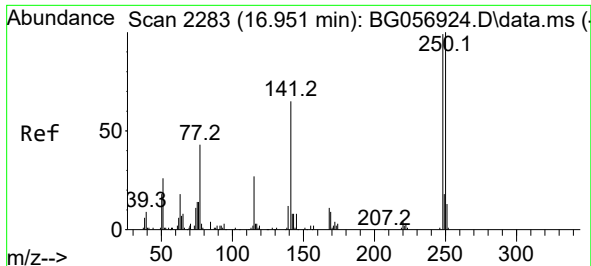
Ion Ratio Lower Upper

188 100

94 5.3 4.6 6.8

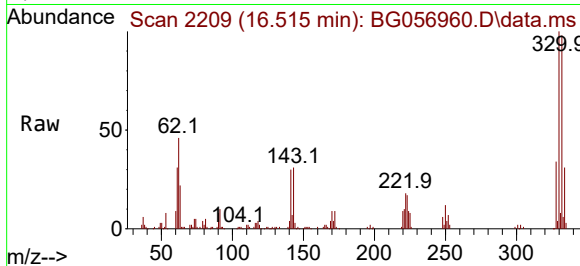
80 7.2 5.5 8.3



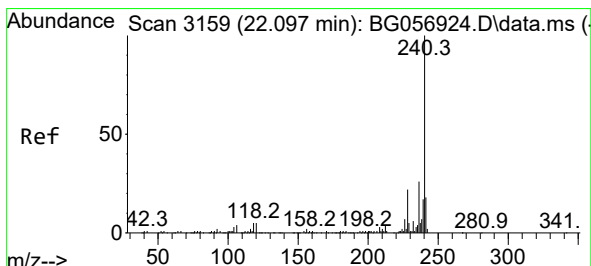
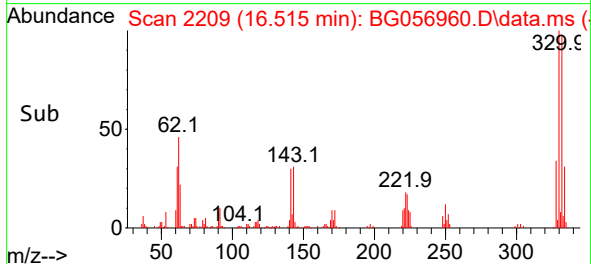
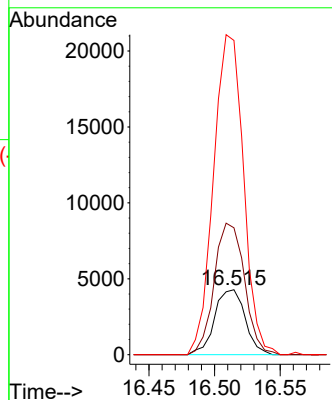


#67
4-Bromophenyl-phenylether
Concen: 4.173 ng
RT: 16.515 min Scan# 21
Delta R.T. -0.437 min
Lab File: BG056960.D
Acq: 4 Apr 2023 11:01

Instrument :
BNA_G
ClientSampleId :
PB151854BL

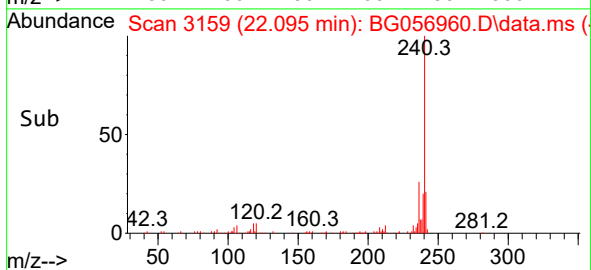
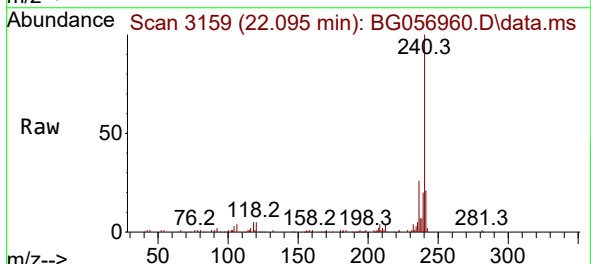
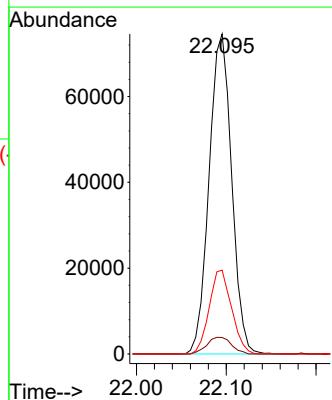


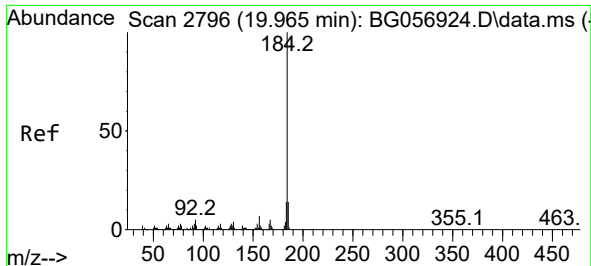
Tgt Ion:248 Resp: 6914
Ion Ratio Lower Upper
248 100
250 195.3 80.5 120.7#
141 483.9 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.095 min Scan# 3159
Delta R.T. -0.002 min
Lab File: BG056960.D
Acq: 4 Apr 2023 11:01

Tgt Ion:240 Resp: 129975
Ion Ratio Lower Upper
240 100
120 5.2 3.8 5.6
236 26.2 21.0 31.6

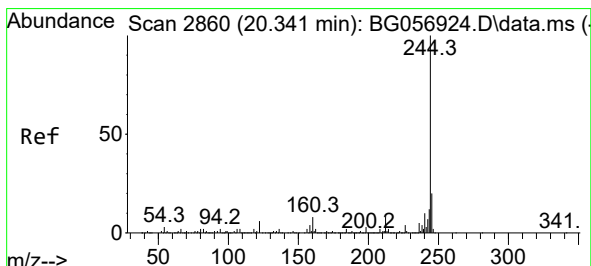
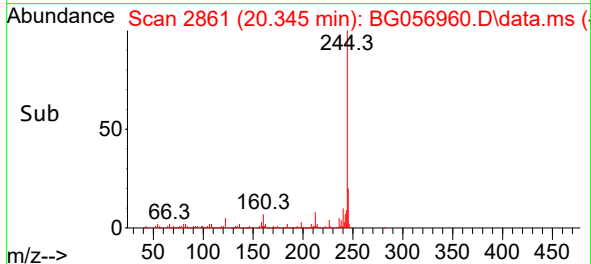
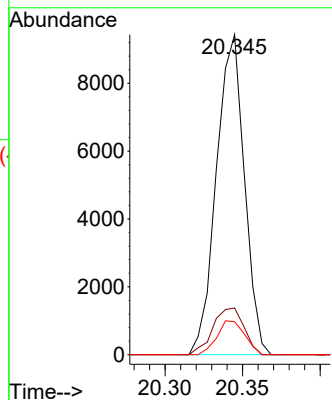
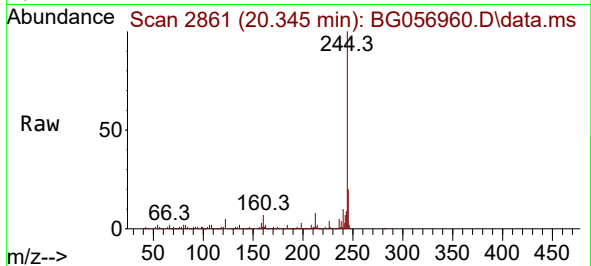




#77
Benzidine
Concen: 3.332 ng
RT: 20.345 min Scan# 2861
Delta R.T. 0.380 min
Lab File: BG056960.D
Acq: 4 Apr 2023 11:01

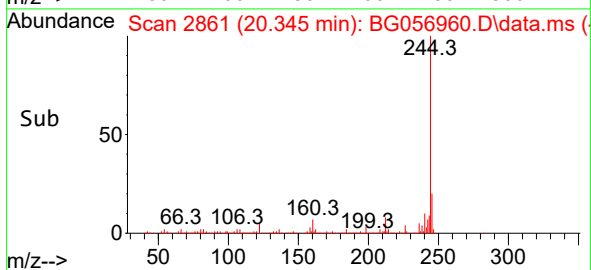
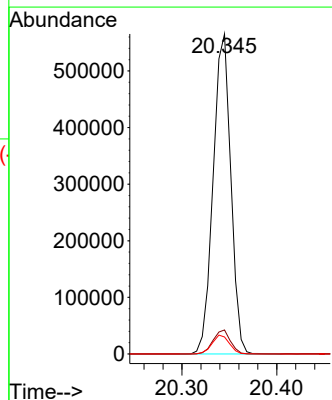
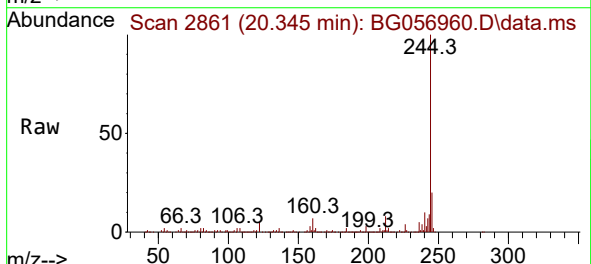
Instrument :
BNA_G
ClientSampleId :
PB151854BL

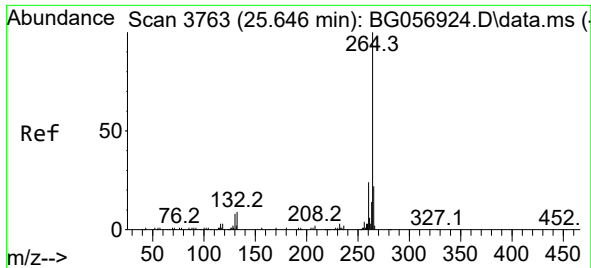
Tgt Ion:184 Resp: 11838
Ion Ratio Lower Upper
184 100
185 14.6 11.0 16.4
183 10.3 11.4 17.0#



#79
Terphenyl-d14
Concen: 95.065 ng
RT: 20.345 min Scan# 2861
Delta R.T. 0.004 min
Lab File: BG056960.D
Acq: 4 Apr 2023 11:01

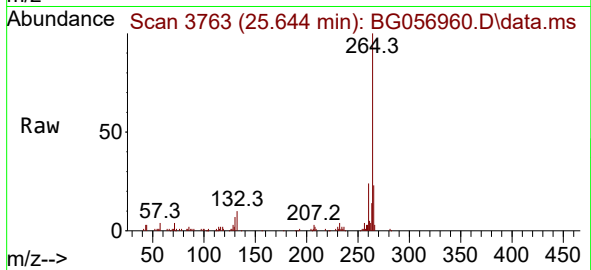
Tgt Ion:244 Resp: 730198
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 5.3 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.644 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG056960.D
Acq: 4 Apr 2023 11:01

Instrument :
BNA_G
ClientSampleId :
PB151854BL



Tgt Ion:264 Resp: 139785

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.4
265	22.7	17.8	26.6

