

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020623\
 Data File : BG056552.D
 Acq On : 6 Feb 2023 12:45
 Operator : CG/JU
 Sample : PB150235BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150235BL

Quant Time: Feb 07 04:32:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 04:30:04 2023
 Response via : Initial Calibration

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

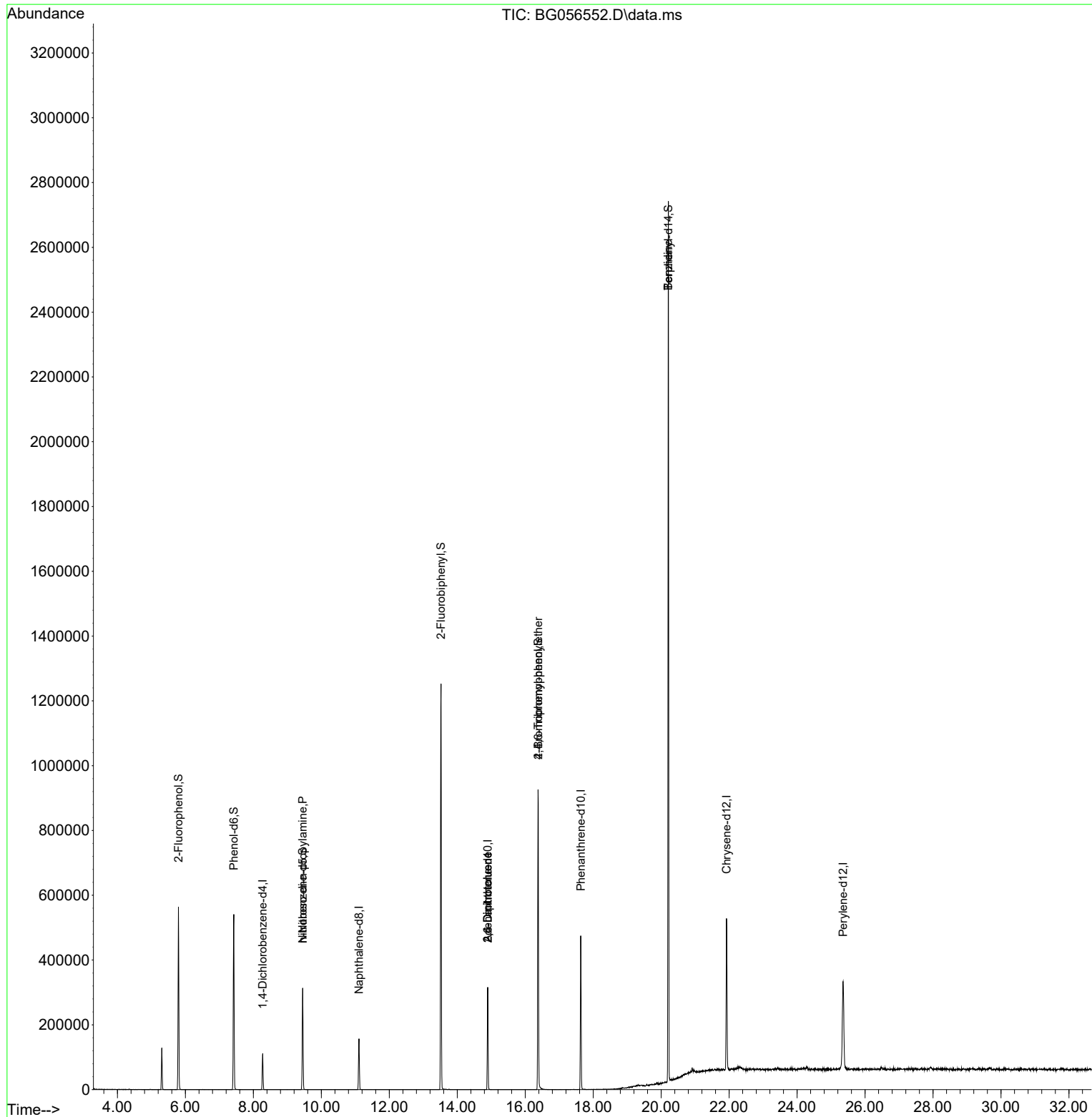
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.276	152	38130	20.000	ng	# 0.00
21) Naphthalene-d8	11.108	136	152649	20.000	ng	0.00
39) Acenaphthene-d10	14.897	164	122880	20.000	ng	0.00
64) Phenanthrene-d10	17.635	188	342943	20.000	ng	0.00
76) Chrysene-d12	21.924	240	317041	20.000	ng	0.00
86) Perylene-d12	25.356	264	347213	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	312698	150.861	ng	0.00
7) Phenol-d6	7.424	99	429374	139.809	ng	0.00
23) Nitrobenzene-d5	9.451	82	219883	81.796	ng	0.00
42) 2,4,6-Tribromophenol	16.384	330	213448	130.660	ng	0.00
45) 2-Fluorobiphenyl	13.523	172	733088	82.713	ng	0.00
79) Terphenyl-d14	20.215	244	1551903	85.973	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.424	77	514	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.451	70	27249	15.396	ng	# 72
51) 2,6-Dinitrotoluene	14.897	165	16279	7.509	ng	# 36
57) 2,4-Dinitrotoluene	14.897	165	16279	5.331	ng	# 35
67) 4-Bromophenyl-phenylether	16.384	248	16758	3.817	ng	# 1
77) Benzidine	20.209	184	21537	2.510	ng	# 92

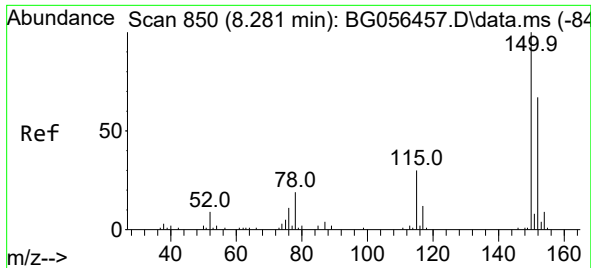
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020623\
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ALS Vial : 3 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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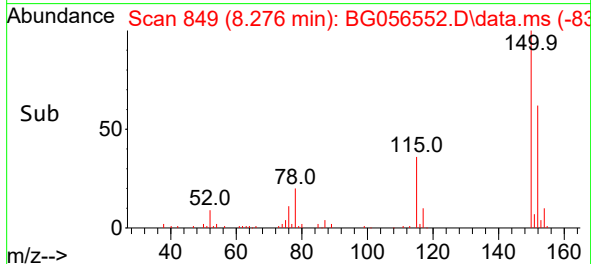
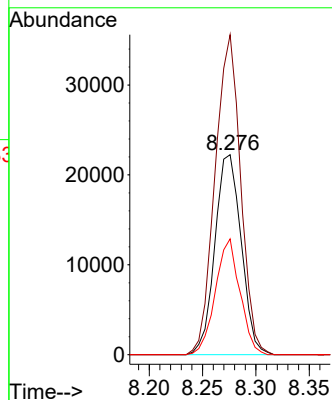
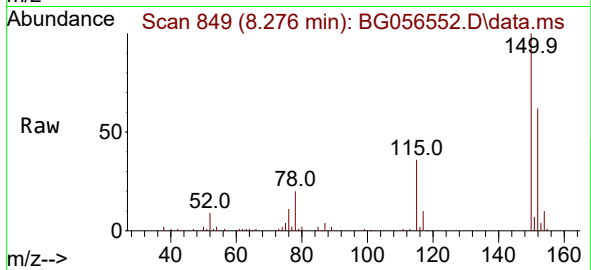




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.276 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG056552.D
Acq: 6 Feb 2023 12:45

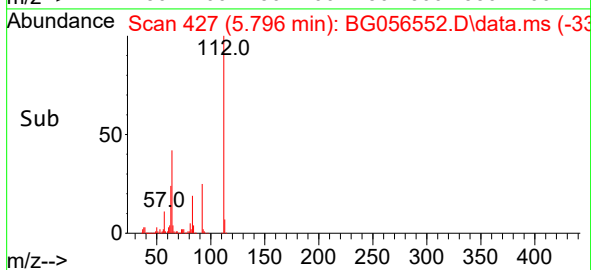
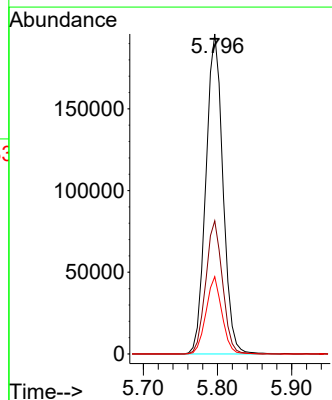
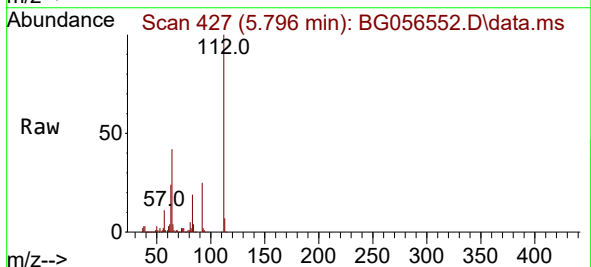
Instrument :
BNA_G
ClientSampleId :
PB150235BL

Tgt Ion:152 Resp: 38130
Ion Ratio Lower Upper
152 100
150 160.0 120.2 180.4
115 57.9 36.3 54.5#



#5
2-Fluorophenol
Concen: 150.861 ng
RT: 5.796 min Scan# 427
Delta R.T. 0.006 min
Lab File: BG056552.D
Acq: 6 Feb 2023 12:45

Tgt Ion:112 Resp: 312698
Ion Ratio Lower Upper
112 100
64 41.6 31.9 47.9
63 24.2 17.4 26.0

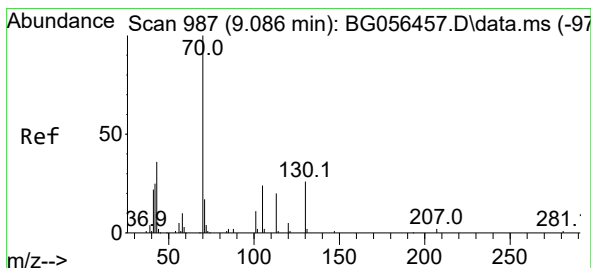
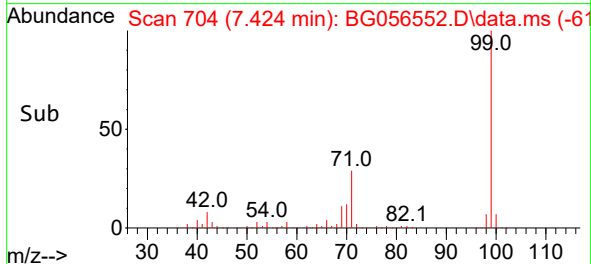
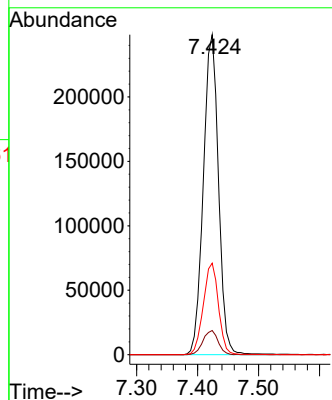
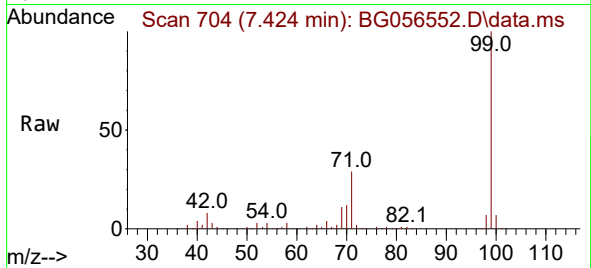




#7
Phenol-d6
Concen: 139.809 ng
RT: 7.424 min Scan# 704
Delta R.T. 0.006 min
Lab File: BG056552.D
Acq: 6 Feb 2023 12:45

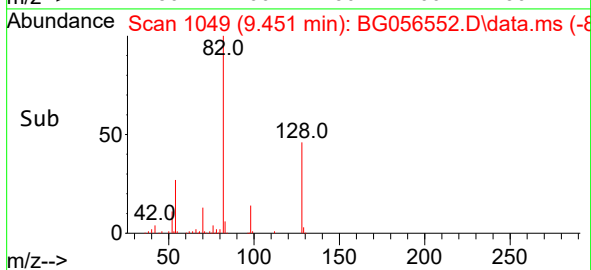
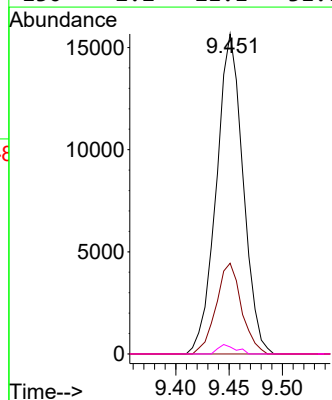
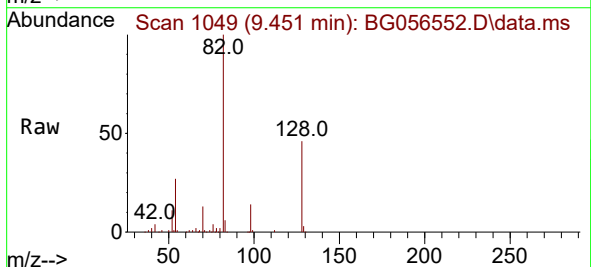
Instrument :
BNA_G
ClientSampleId :
PB150235BL

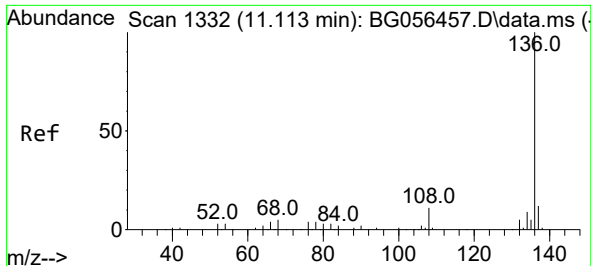
Tgt Ion: 99 Resp: 429374
Ion Ratio Lower Upper
99 100
42 7.6 6.6 10.0
71 28.6 23.4 35.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.396 ng
RT: 9.451 min Scan# 1049
Delta R.T. 0.377 min
Lab File: BG056552.D
Acq: 6 Feb 2023 12:45

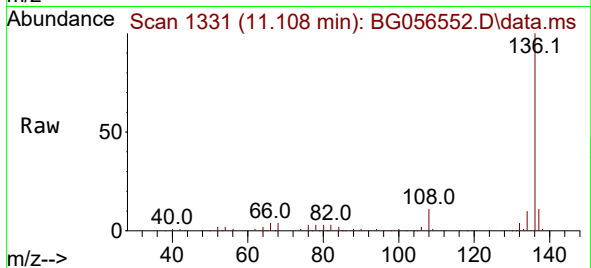
Tgt Ion: 70 Resp: 27249
Ion Ratio Lower Upper
70 100
42 28.4 20.2 30.4
101 0.0 9.1 13.7#
130 2.2 21.1 31.7#



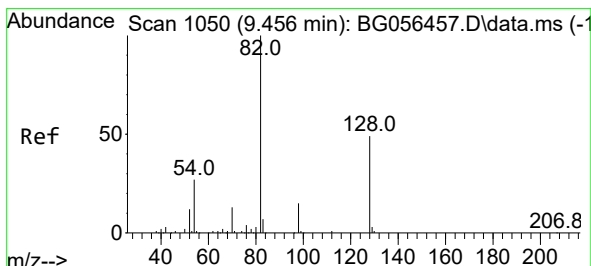
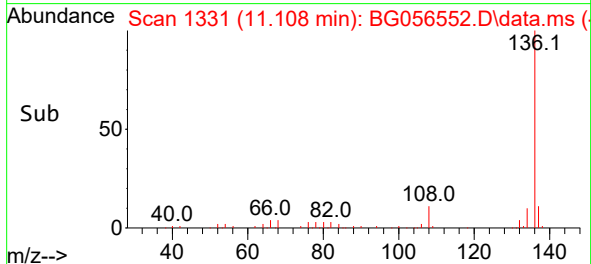
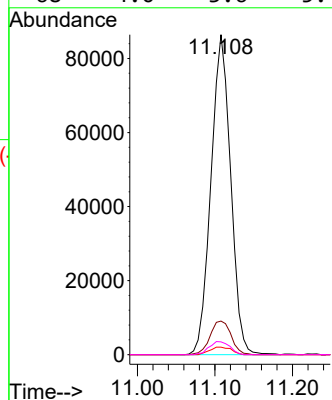


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.108 min Scan# 1110
Delta R.T. 0.001 min
Lab File: BG056552.D
Acq: 6 Feb 2023 12:45

Instrument :
BNA_G
ClientSampleId :
PB150235BL

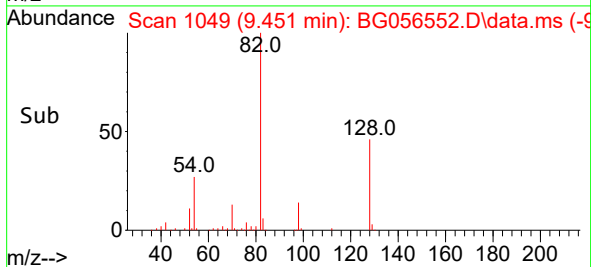
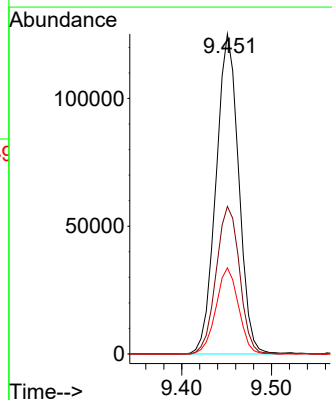
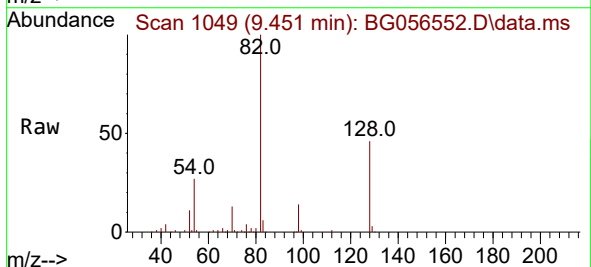


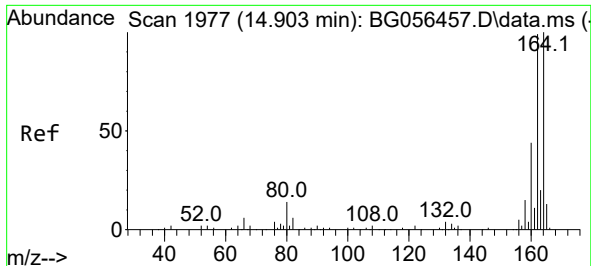
Tgt Ion:136 Resp: 152649
Ion Ratio Lower Upper
136 100
137 10.5 9.4 14.0
54 2.3 2.2 3.4
68 4.0 3.6 5.4



#23
Nitrobenzene-d5
Concen: 81.796 ng
RT: 9.451 min Scan# 1049
Delta R.T. 0.001 min
Lab File: BG056552.D
Acq: 6 Feb 2023 12:45

Tgt Ion: 82 Resp: 219883
Ion Ratio Lower Upper
82 100
128 46.1 39.4 59.2
54 26.9 21.4 32.2

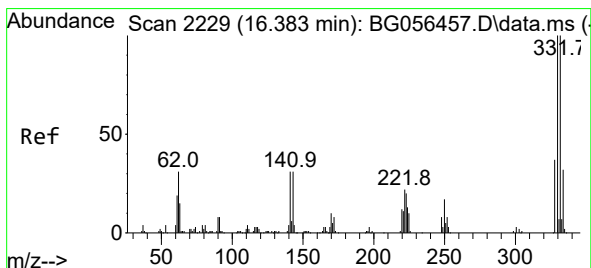
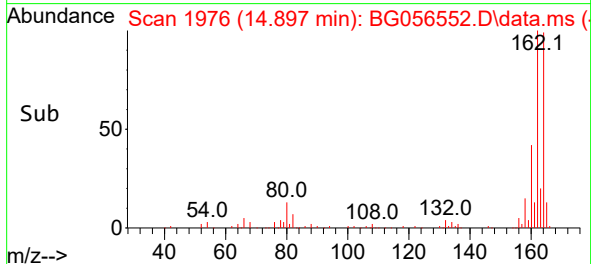
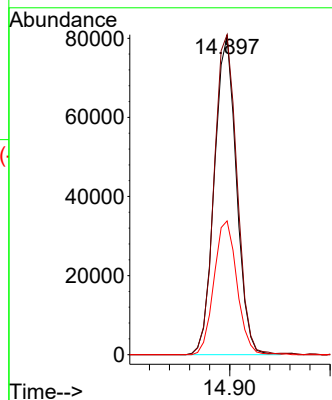
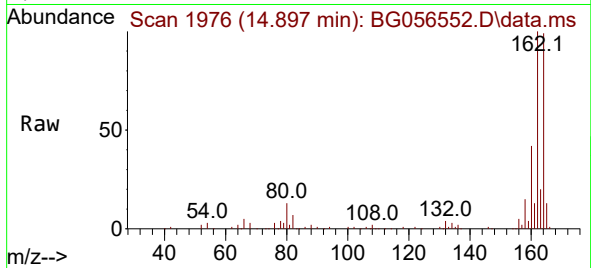




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.897 min Scan# 1976
Delta R.T. 0.001 min
Lab File: BG056552.D
Acq: 6 Feb 2023 12:45

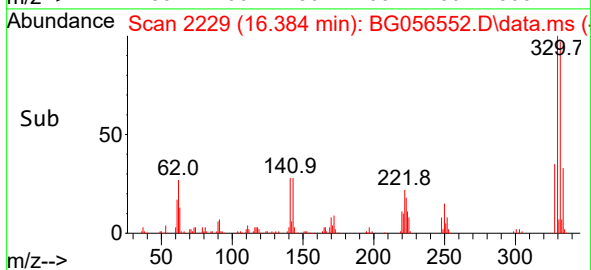
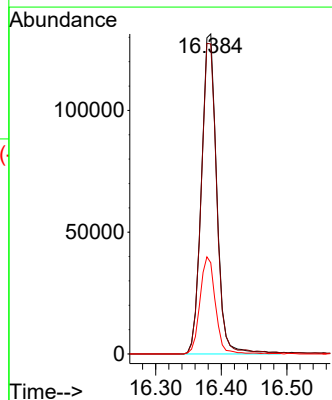
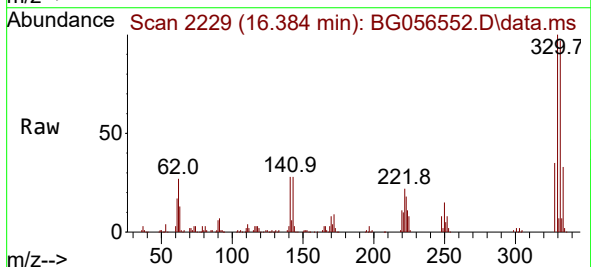
Instrument :
BNA_G
ClientSampleId :
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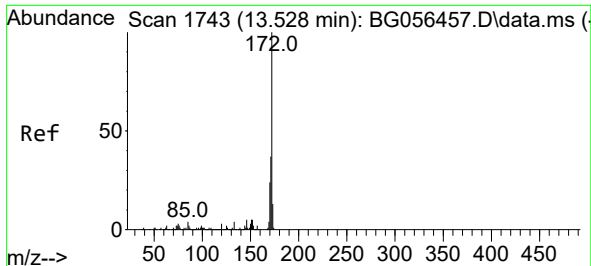
Tgt Ion:164 Resp: 122880
Ion Ratio Lower Upper
164 100
162 100.5 79.6 119.4
160 42.0 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 130.660 ng
RT: 16.384 min Scan# 2229
Delta R.T. 0.001 min
Lab File: BG056552.D
Acq: 6 Feb 2023 12:45

Tgt Ion:330 Resp: 213448
Ion Ratio Lower Upper
330 100
332 98.4 79.0 118.6
141 30.3 24.2 36.4

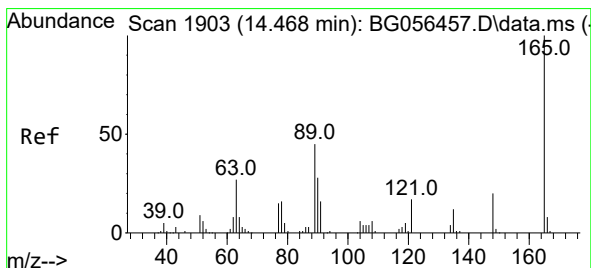
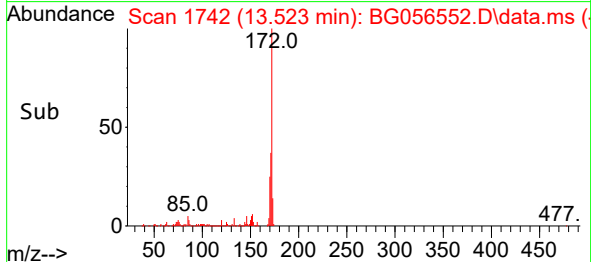
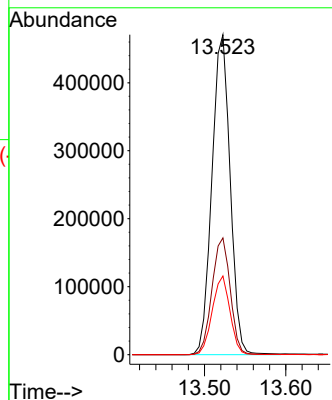
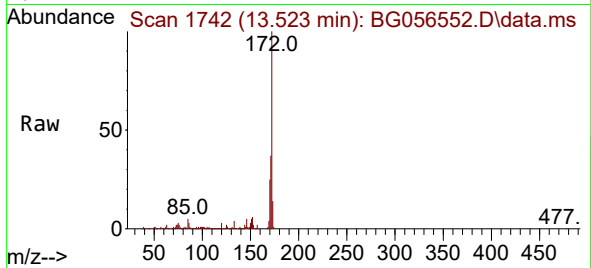




#45
2-Fluorobiphenyl
Concen: 82.713 ng
RT: 13.523 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056552.D
Acq: 6 Feb 2023 12:45

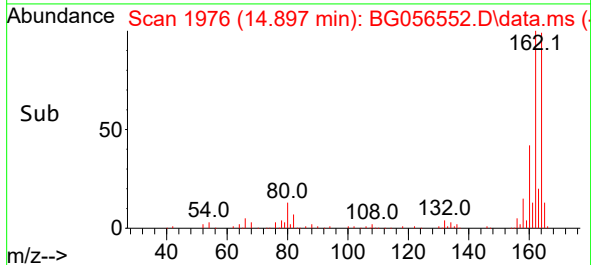
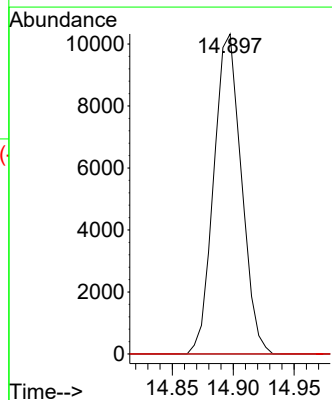
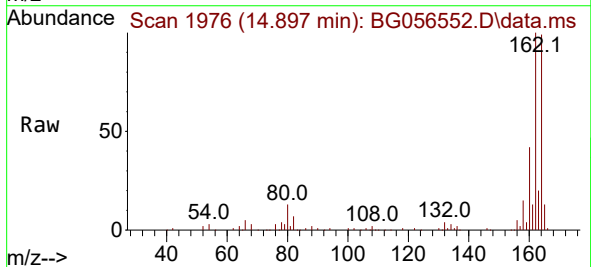
Instrument :
BNA_G
ClientSampleId :
PB150235BL

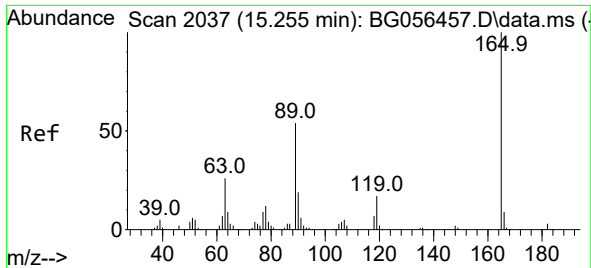
Tgt Ion:172 Resp: 733088
Ion Ratio Lower Upper
172 100
171 36.5 29.5 44.3
170 24.6 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 7.509 ng
RT: 14.897 min Scan# 1976
Delta R.T. 0.430 min
Lab File: BG056552.D
Acq: 6 Feb 2023 12:45

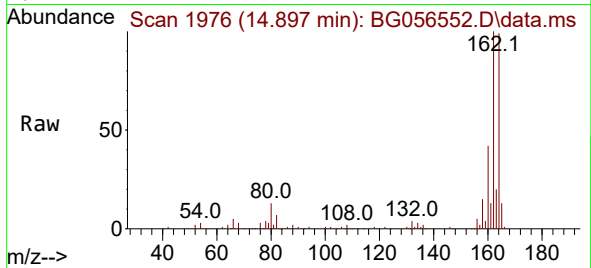
Tgt Ion:165 Resp: 16279
Ion Ratio Lower Upper
165 100
63 0.0 26.9 40.3#
89 0.0 35.6 53.4#



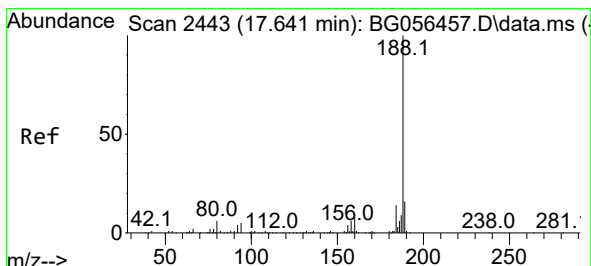
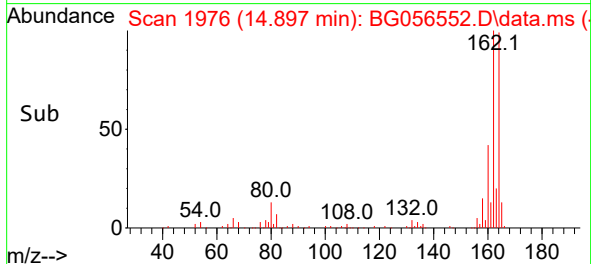
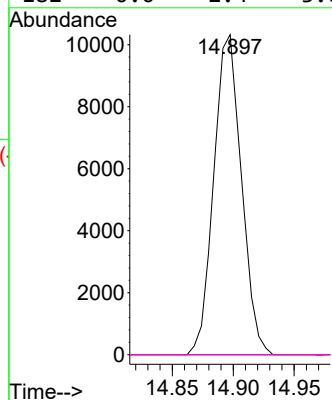


#57
2,4-Dinitrotoluene
Concen: 5.331 ng
RT: 14.897 min Scan# 1976
Delta R.T. -0.358 min
Lab File: BG056552.D
Acq: 6 Feb 2023 12:45

Instrument :
BNA_G
ClientSampleId :
PB150235BL

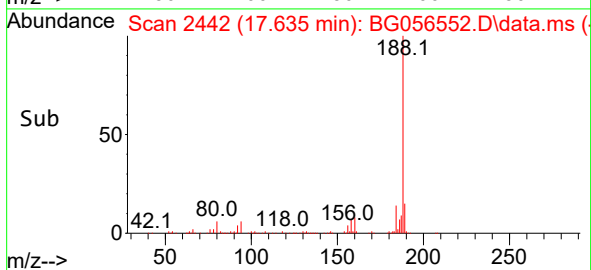
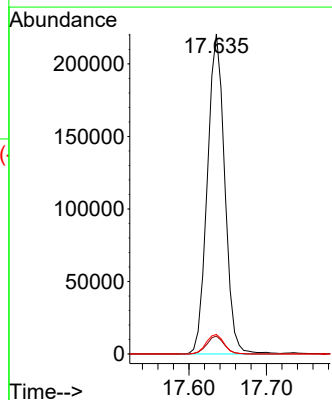
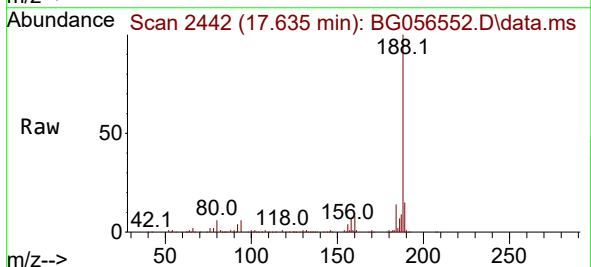


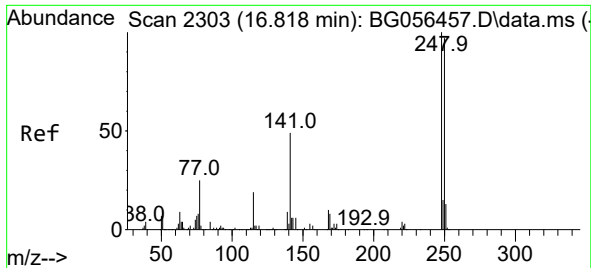
Tgt Ion:165 Resp: 16279
Ion Ratio Lower Upper
165 100
63 0.0 20.6 31.0#
89 0.0 43.1 64.7#
182 0.0 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.635 min Scan# 2442
Delta R.T. -0.005 min
Lab File: BG056552.D
Acq: 6 Feb 2023 12:45

Tgt Ion:188 Resp: 342943
Ion Ratio Lower Upper
188 100
94 5.6 4.1 6.1
80 6.1 5.0 7.4

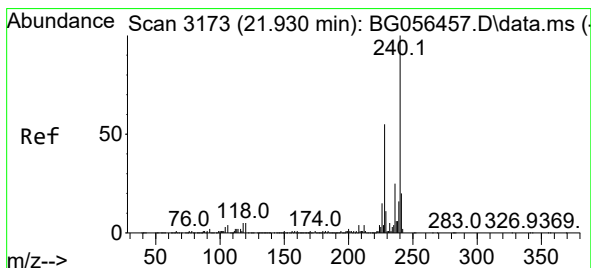
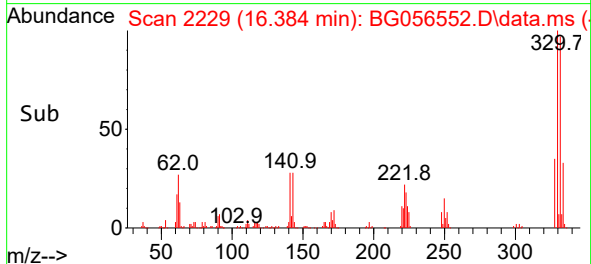
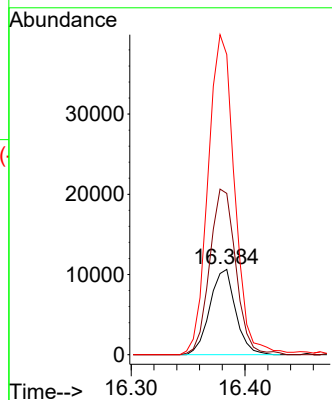
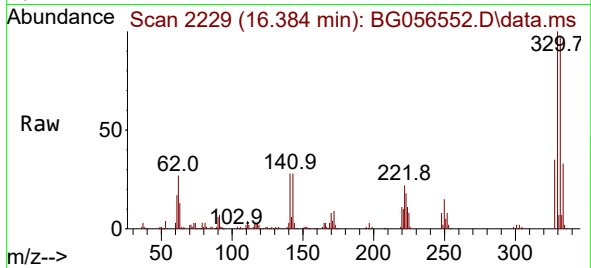




#67
4-Bromophenyl-phenylether
Concen: 3.817 ng
RT: 16.384 min Scan# 21
Delta R.T. -0.428 min
Lab File: BG056552.D
Acq: 6 Feb 2023 12:45

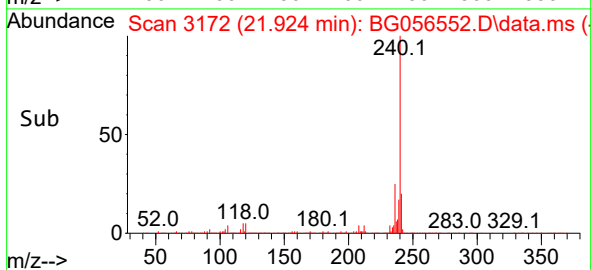
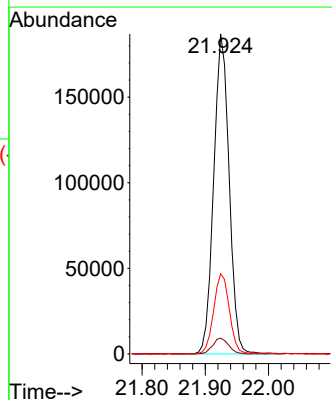
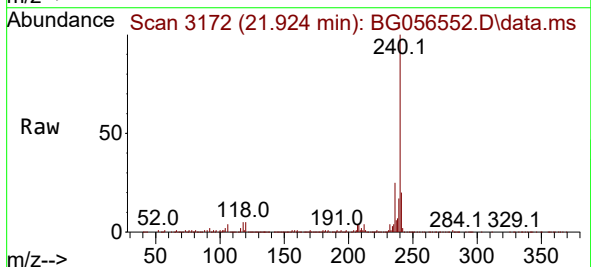
Instrument :
BNA_G
ClientSampleId :
PB150235BL

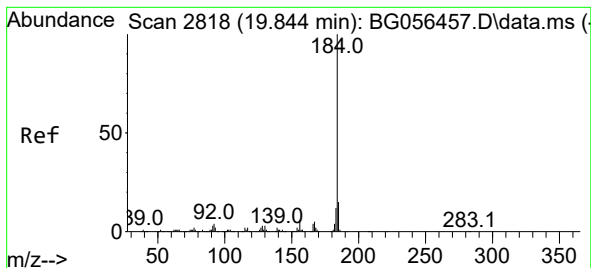
Tgt Ion:248 Resp: 16758
Ion Ratio Lower Upper
248 100
250 189.0 77.6 116.4#
141 351.8 39.0 58.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.924 min Scan# 3172
Delta R.T. -0.005 min
Lab File: BG056552.D
Acq: 6 Feb 2023 12:45

Tgt Ion:240 Resp: 317041
Ion Ratio Lower Upper
240 100
120 4.9 3.8 5.8
236 25.0 20.2 30.2





#77

Benzidine

Concen: 2.510 ng

RT: 20.209 min Scan# 2880

Delta R.T. 0.371 min

Lab File: BG056552.D

Acq: 6 Feb 2023 12:45

Instrument :

BNA_G

ClientSampleId :

PB150235BL

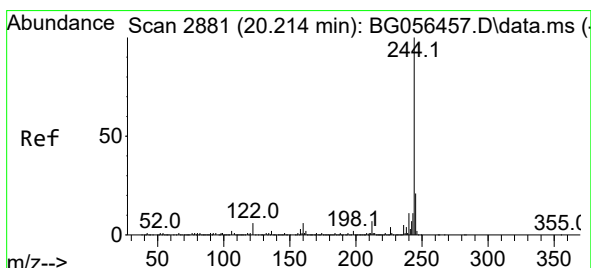
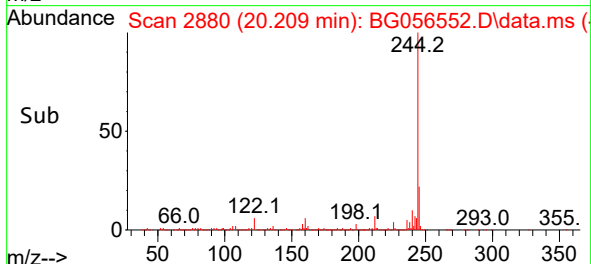
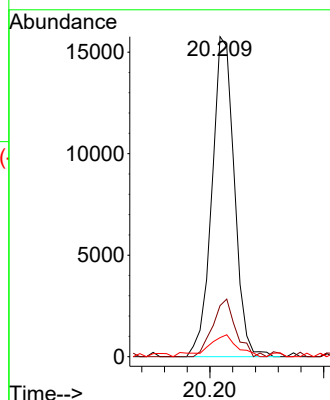
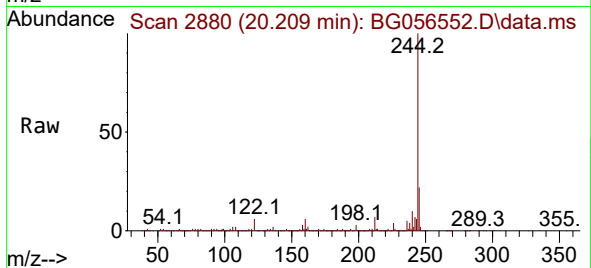
Tgt Ion:184 Resp: 21537

Ion Ratio Lower Upper

184 100

185 16.0 12.3 18.5

183 6.0 9.8 14.8#



#79

Terphenyl-d14

Concen: 85.973 ng

RT: 20.215 min Scan# 2881

Delta R.T. 0.001 min

Lab File: BG056552.D

Acq: 6 Feb 2023 12:45

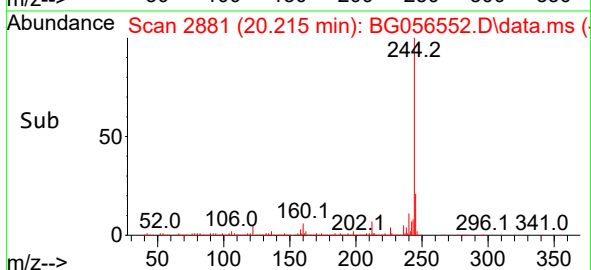
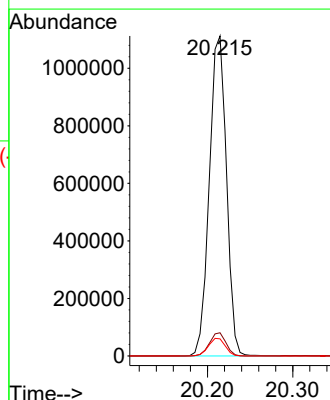
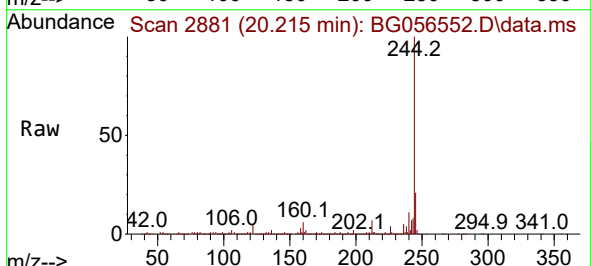
Tgt Ion:244 Resp: 1551903

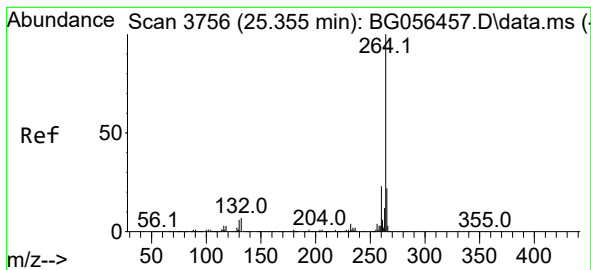
Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

122 5.3 4.4 6.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.356 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG056552.D

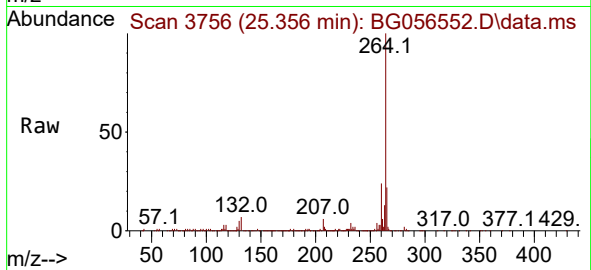
Acq: 6 Feb 2023 12:45

Instrument :

BNA_G

ClientSampleId :

PB150235BL



Tgt Ion:264 Resp: 347213

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

265 21.6 18.1 27.1

