

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
 Data File : BG055368.D
 Acq On : 29 Oct 2022 16:46
 Operator : CG/JU
 Sample : N5318-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221105-COMP-04

Quant Time: Oct 31 02:44:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

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

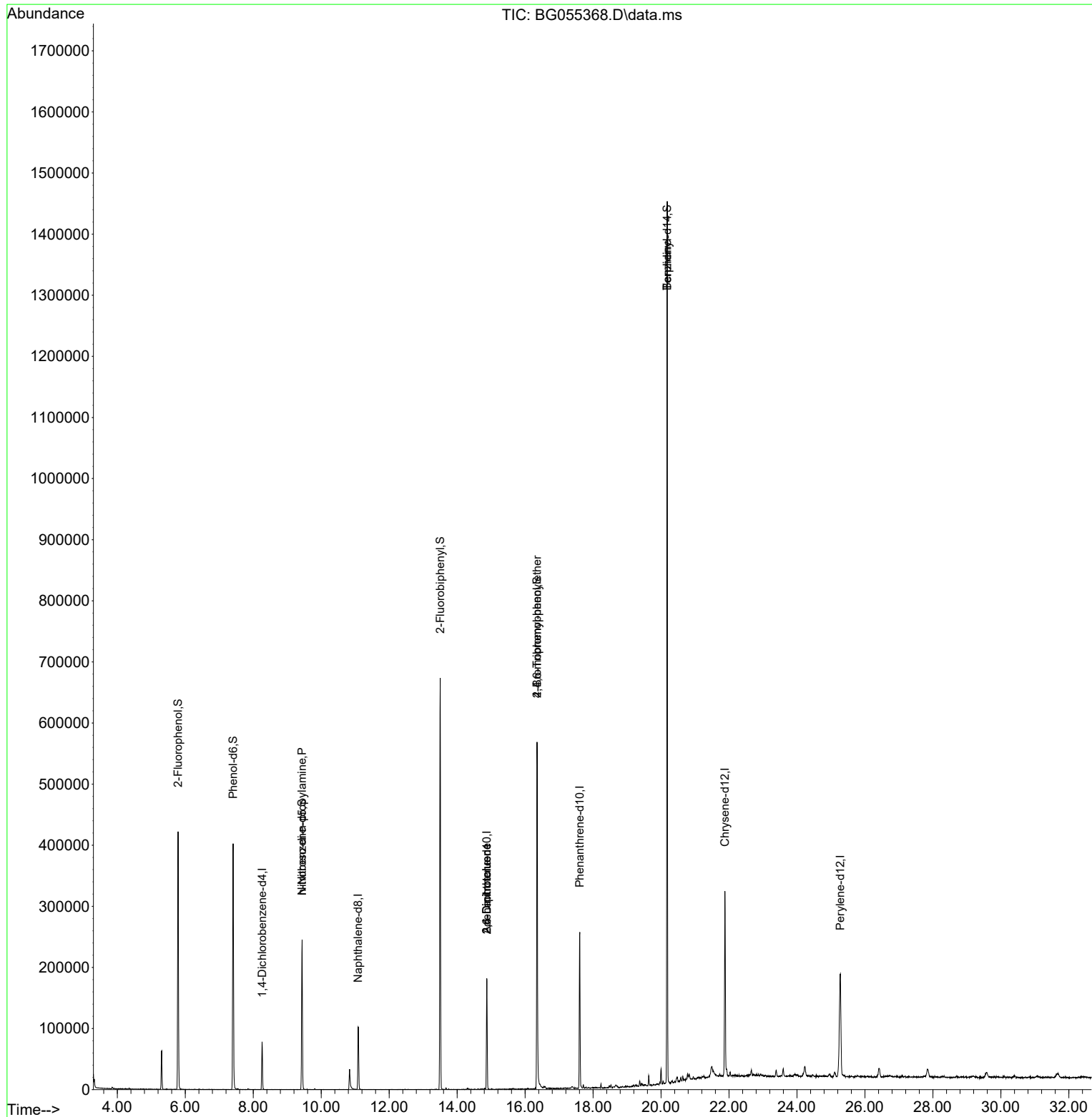
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.261	152	23547	20.000	ng	0.00
21) Naphthalene-d8	11.087	136	96816	20.000	ng	0.00
39) Acenaphthene-d10	14.871	164	66863	20.000	ng	0.00
64) Phenanthrene-d10	17.609	188	170028	20.000	ng	# 0.00
76) Chrysene-d12	21.880	240	186096	20.000	ng	0.00
86) Perylene-d12	25.270	264	199391	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.787	112	198889	147.895	ng	0.00
7) Phenol-d6	7.409	99	256131	131.464	ng	0.00
23) Nitrobenzene-d5	9.436	82	150812	79.542	ng	0.00
42) 2,4,6-Tribromophenol	16.351	330	134843	185.515	ng	0.00
45) 2-Fluorobiphenyl	13.502	172	347068	84.960	ng	0.00
79) Terphenyl-d14	20.182	244	732501	81.781	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.436	70	19879	12.287	ng	# 75
51) 2,6-Dinitrotoluene	14.871	165	8701	8.145	ng	# 19
57) 2,4-Dinitrotoluene	14.871	165	8701	5.613	ng	# 18
67) 4-Bromophenyl-phenylether	16.351	248	8220	4.976	ng	# 1
77) Benzidine	20.182	184	9902	2.198	ng	# 93

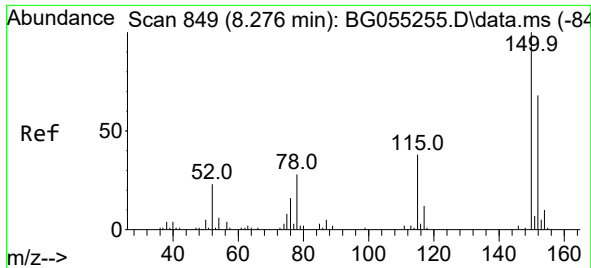
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
Data File : BG055368.D
Acq On : 29 Oct 2022 16:46
Operator : CG/JU
Sample : N5318-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20221105-COMP-04

Quant Time: Oct 31 02:44:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 04:52:38 2022
Response via : Initial Calibration

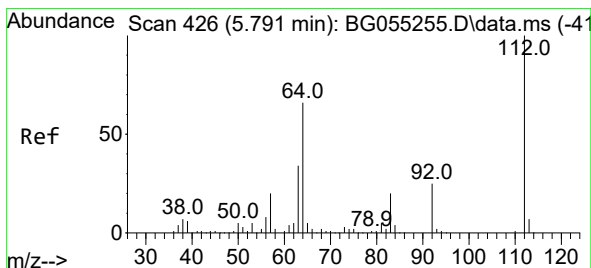
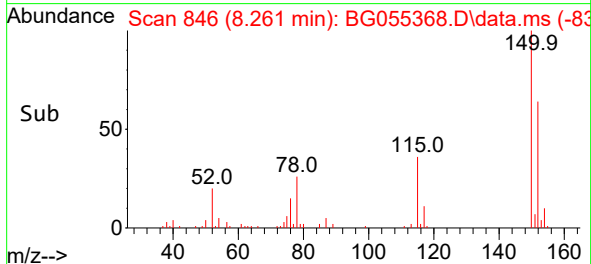
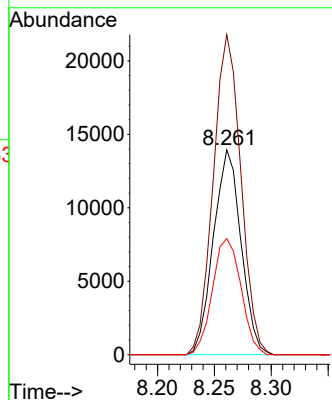
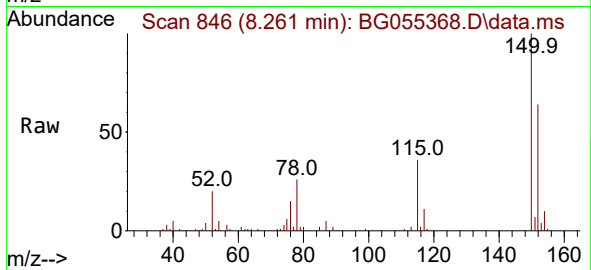




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.261 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG055368.D
Acq: 29 Oct 2022 16:46

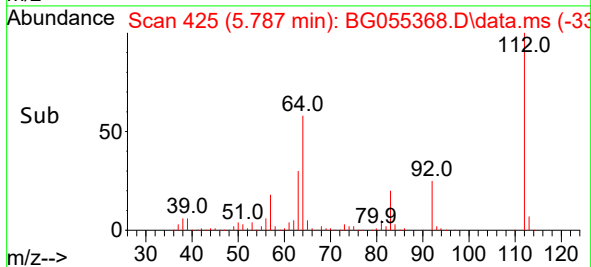
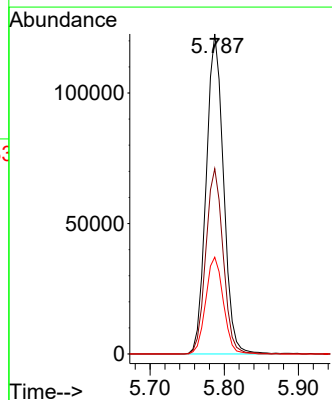
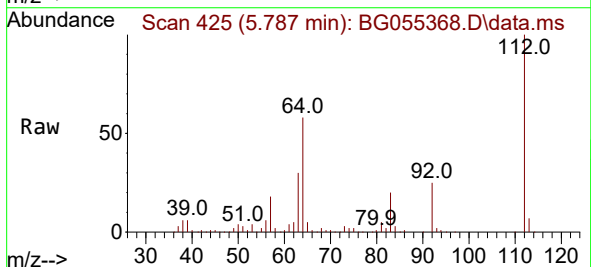
Instrument :
BNA_G
ClientSampleId :
20221105-COMP-04

Tgt Ion:152 Resp: 23547
Ion Ratio Lower Upper
152 100
150 156.2 118.2 177.4
115 56.7 44.5 66.7



#5
2-Fluorophenol
Concen: 147.895 ng
RT: 5.787 min Scan# 425
Delta R.T. 0.002 min
Lab File: BG055368.D
Acq: 29 Oct 2022 16:46

Tgt Ion:112 Resp: 198889
Ion Ratio Lower Upper
112 100
64 57.9 52.6 78.8
63 30.2 27.1 40.7

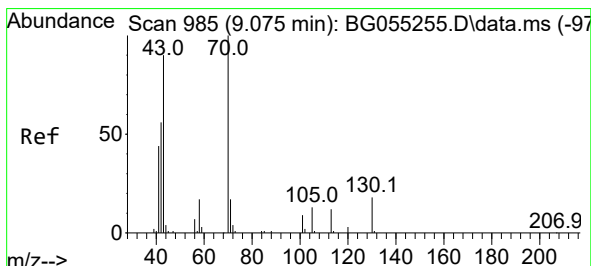
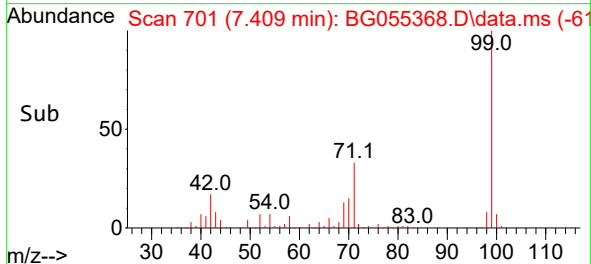
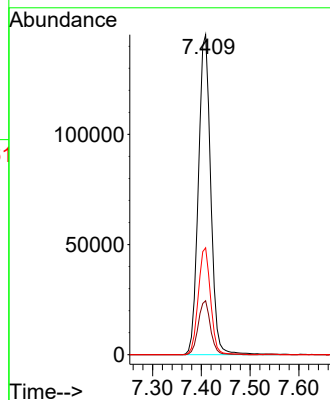
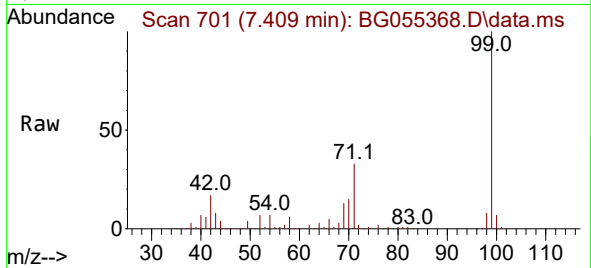




#7
Phenol-d6
Concen: 131.464 ng
RT: 7.409 min Scan# 702
Delta R.T. -0.004 min
Lab File: BG055368.D
Acq: 29 Oct 2022 16:46

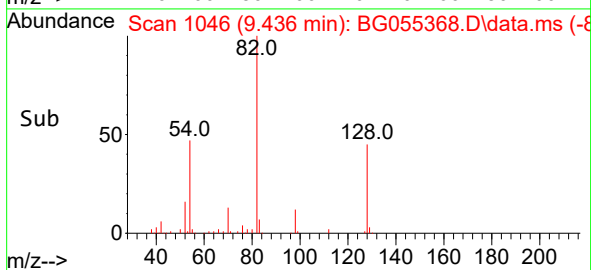
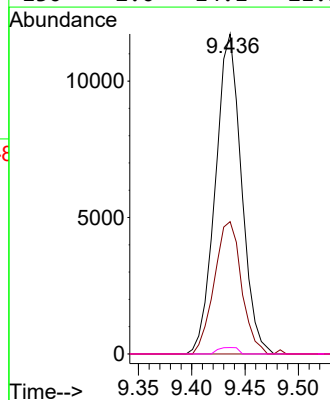
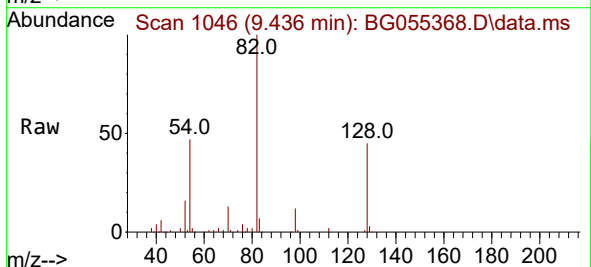
Instrument :
BNA_G
ClientSampleId :
20221105-COMP-04

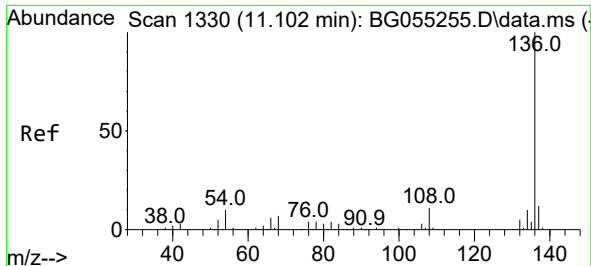
Tgt Ion: 99 Resp: 256131
Ion Ratio Lower Upper
99 100
42 16.8 15.2 22.8
71 33.4 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.287 ng
RT: 9.436 min Scan# 1046
Delta R.T. 0.366 min
Lab File: BG055368.D
Acq: 29 Oct 2022 16:46

Tgt Ion: 70 Resp: 19879
Ion Ratio Lower Upper
70 100
42 41.4 45.8 68.6#
101 0.0 7.4 11.0#
130 2.0 14.1 21.1#

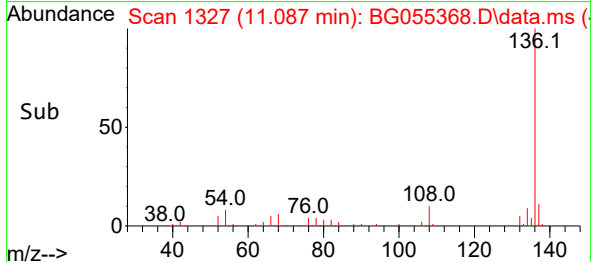
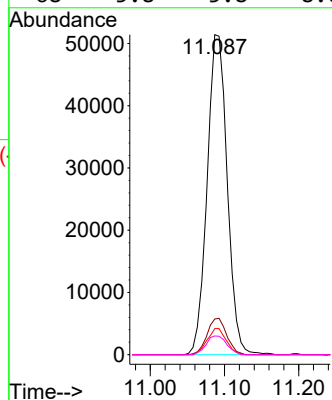
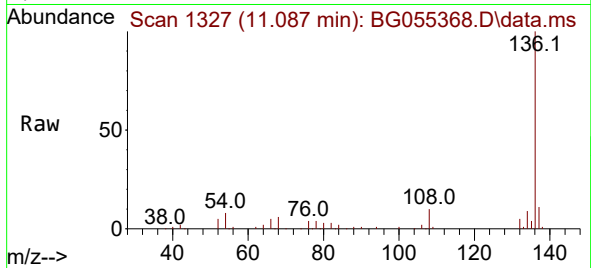




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.087 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG055368.D
Acq: 29 Oct 2022 16:46

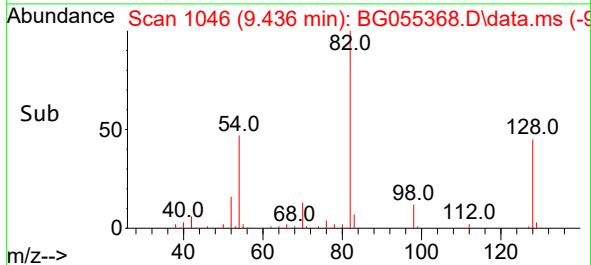
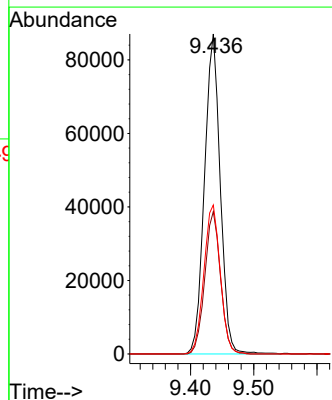
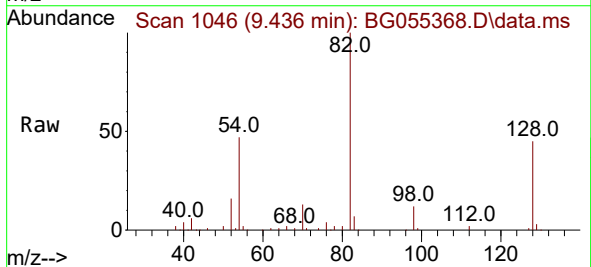
Instrument :
BNA_G
ClientSampleId :
20221105-COMP-04

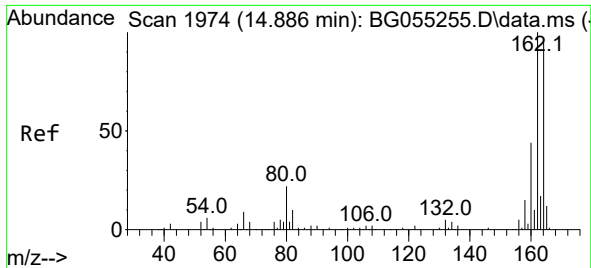
Tgt Ion:136	Resp:	96816
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.2 13.8
54	8.1	7.8 11.8
68	5.8	5.8 8.6



#23
Nitrobenzene-d5
Concen: 79.542 ng
RT: 9.436 min Scan# 1046
Delta R.T. -0.004 min
Lab File: BG055368.D
Acq: 29 Oct 2022 16:46

Tgt Ion: 82	Resp:	150812
Ion Ratio	Lower	Upper
82	100	
128	44.5	32.0 48.0
54	46.6	40.9 61.3

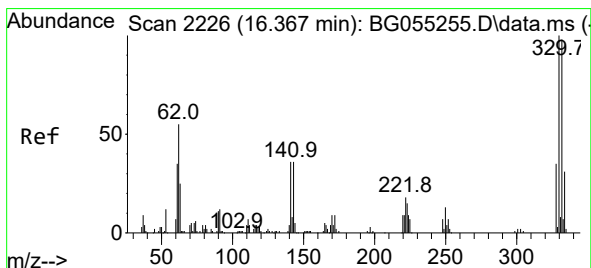
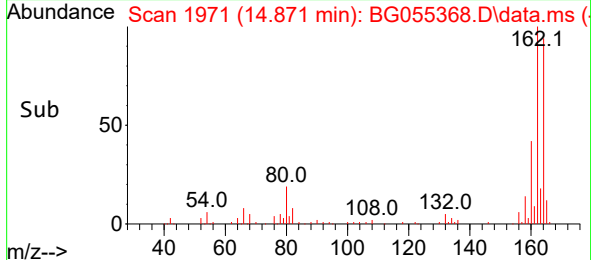
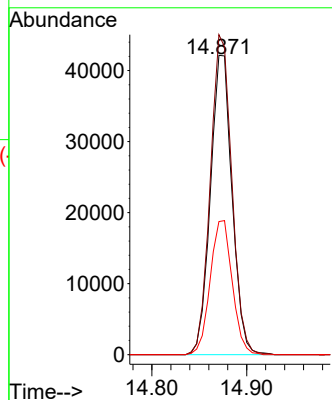
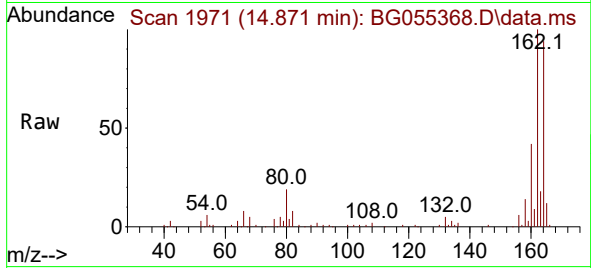




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.871 min Scan# 1974
Delta R.T. -0.010 min
Lab File: BG055368.D
Acq: 29 Oct 2022 16:46

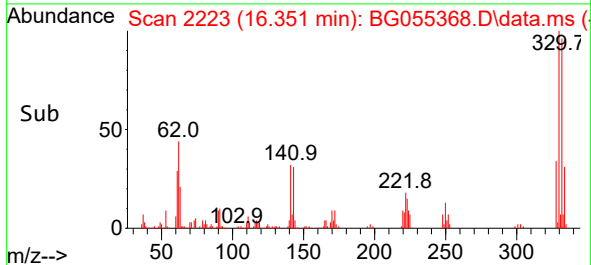
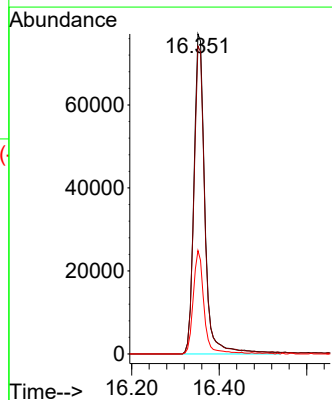
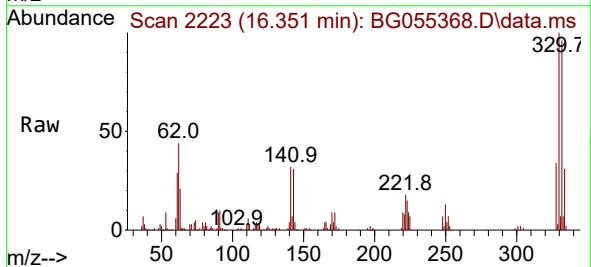
Instrument :
BNA_G
ClientSampleId :
20221105-COMP-04

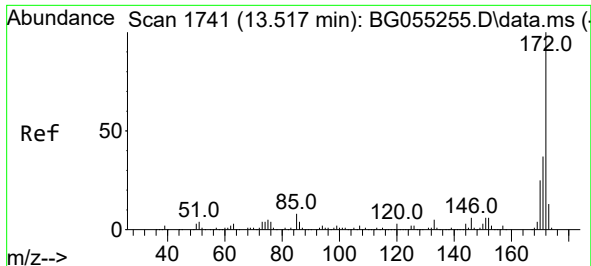
Tgt Ion:164 Resp: 66863
Ion Ratio Lower Upper
164 100
162 106.9 84.0 126.0
160 44.5 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 185.515 ng
RT: 16.351 min Scan# 2223
Delta R.T. -0.010 min
Lab File: BG055368.D
Acq: 29 Oct 2022 16:46

Tgt Ion:330 Resp: 134843
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.0
141 31.6 29.8 44.8

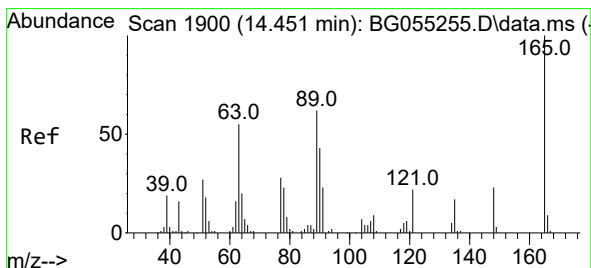
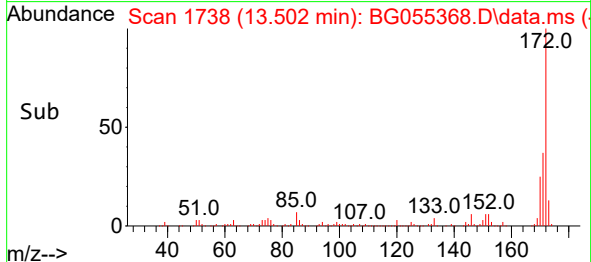
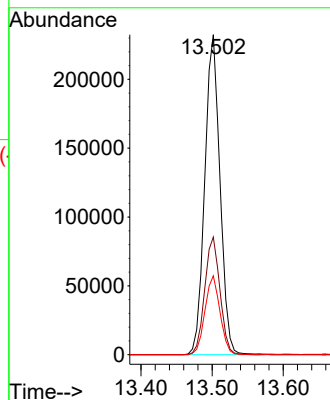
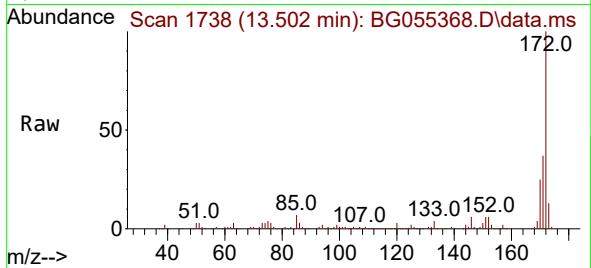




#45
2-Fluorobiphenyl
Concen: 84.960 ng
RT: 13.502 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG055368.D
Acq: 29 Oct 2022 16:46

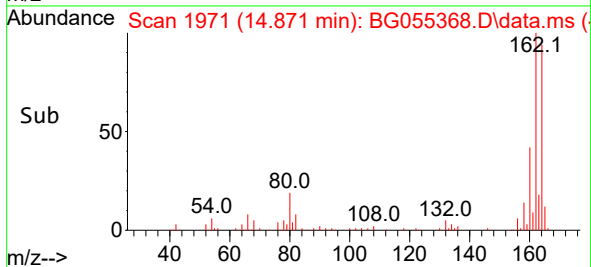
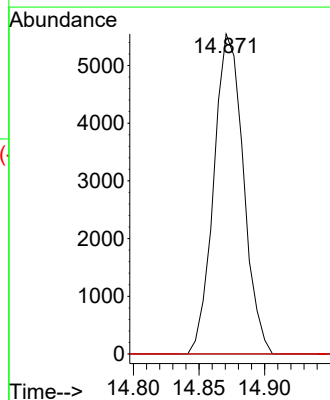
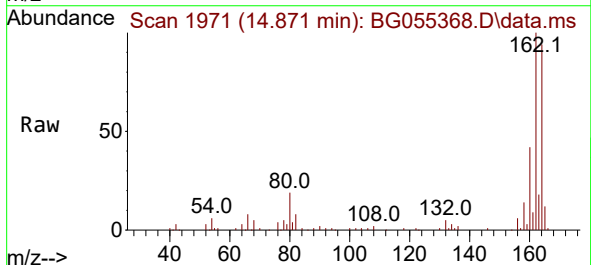
Instrument :
BNA_G
ClientSampleId :
20221105-COMP-04

Tgt Ion:172 Resp: 347068
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.6 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 8.145 ng
RT: 14.871 min Scan# 1971
Delta R.T. 0.419 min
Lab File: BG055368.D
Acq: 29 Oct 2022 16:46

Tgt Ion:165 Resp: 8701
Ion Ratio Lower Upper
165 100
63 0.0 49.2 73.8#
89 0.0 49.9 74.9#





#57

2,4-Dinitrotoluene

Concen: 5.613 ng

RT: 14.871 min Scan# 1971

Delta R.T. -0.362 min

Lab File: BG055368.D

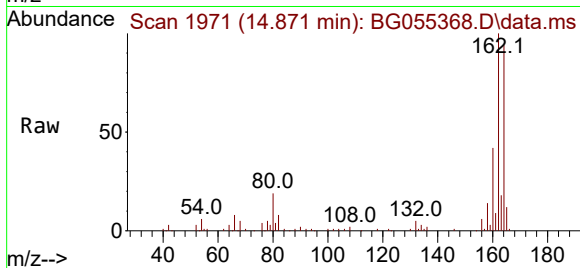
Acq: 29 Oct 2022 16:46

Instrument :

BNA_G

ClientSampleId :

20221105-COMP-04



Tgt Ion:165 Resp: 8701

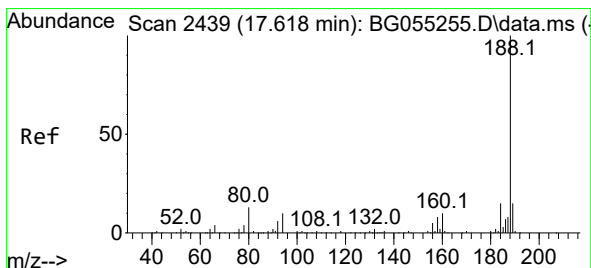
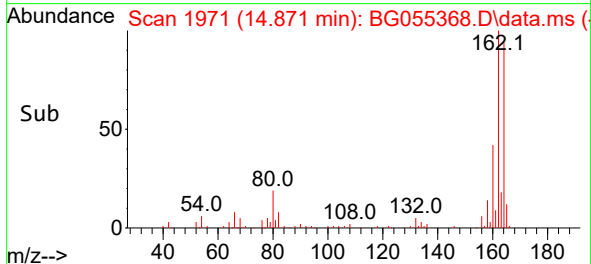
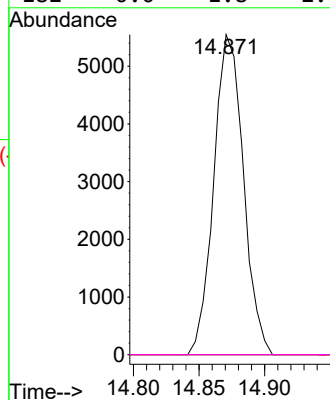
Ion Ratio Lower Upper

165 100

63 0.0 38.9 58.3#

89 0.0 64.2 96.4#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.609 min Scan# 2437

Delta R.T. -0.004 min

Lab File: BG055368.D

Acq: 29 Oct 2022 16:46

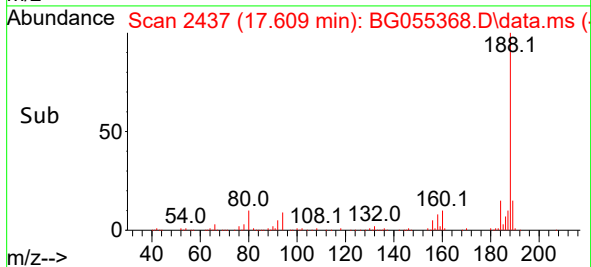
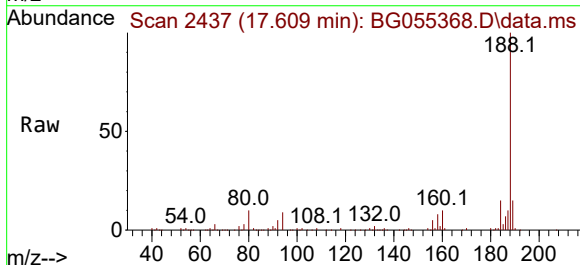
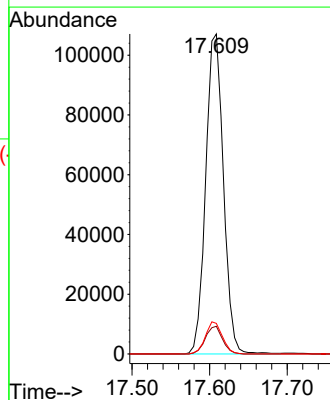
Tgt Ion:188 Resp: 170028

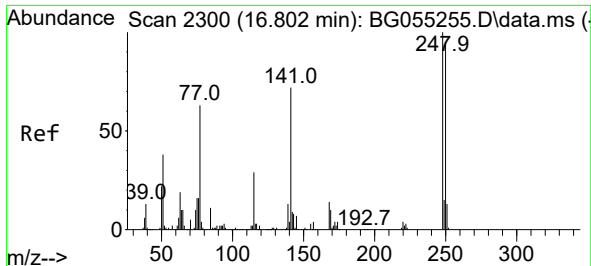
Ion Ratio Lower Upper

188 100

94 8.6 8.2 12.4

80 9.5 10.1 15.1#

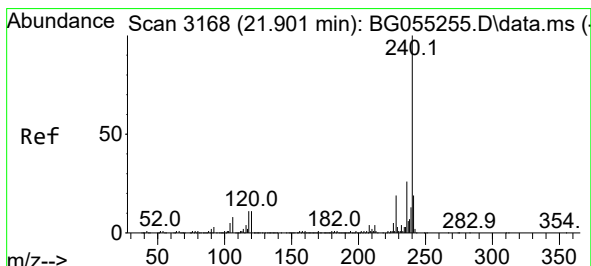
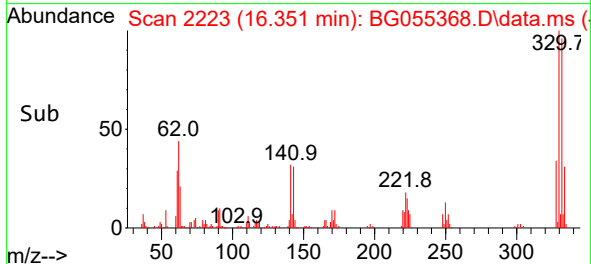
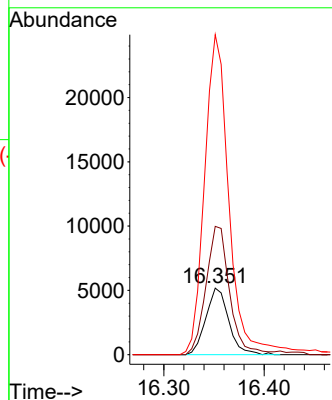
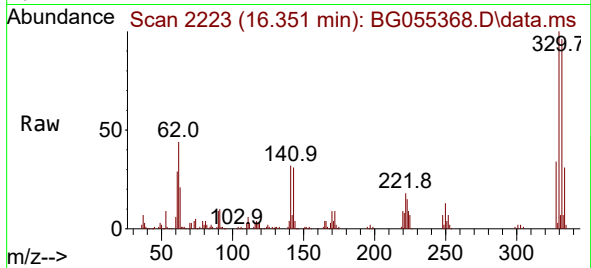




#67
4-Bromophenyl-phenylether
Concen: 4.976 ng
RT: 16.351 min Scan# 211
Delta R.T. -0.445 min
Lab File: BG055368.D
Acq: 29 Oct 2022 16:46

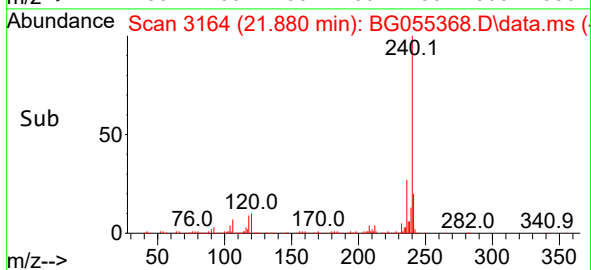
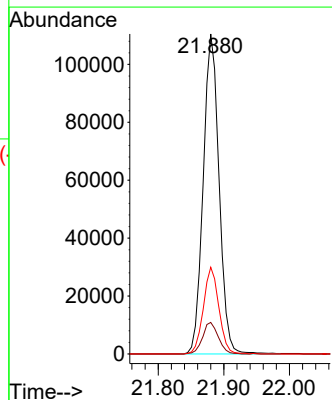
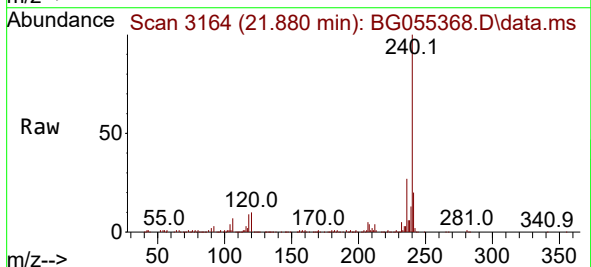
Instrument :
BNA_G
ClientSampleId :
20221105-COMP-04

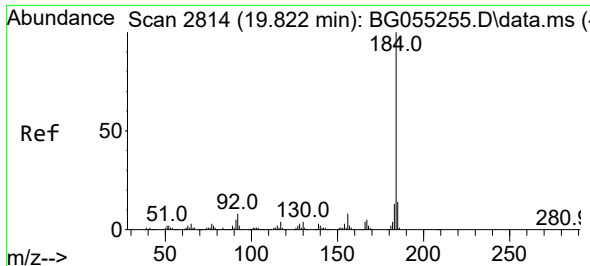
Tgt Ion:248 Resp: 8220
Ion Ratio Lower Upper
248 100
250 192.8 76.0 114.0#
141 480.8 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.880 min Scan# 3164
Delta R.T. -0.010 min
Lab File: BG055368.D
Acq: 29 Oct 2022 16:46

Tgt Ion:240 Resp: 186096
Ion Ratio Lower Upper
240 100
120 9.9 8.9 13.3
236 27.1 21.0 31.4

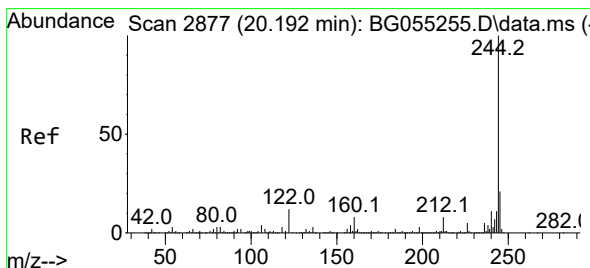
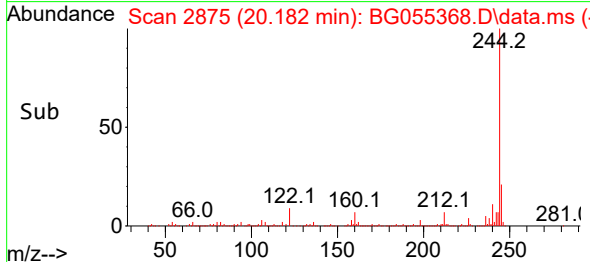
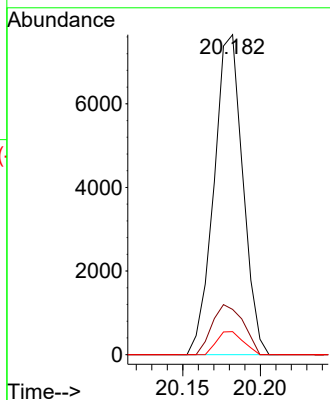
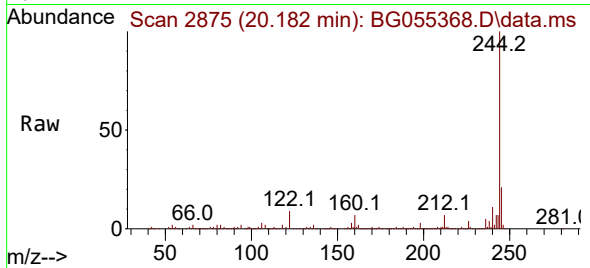




#77
Benzidine
Concen: 2.198 ng
RT: 20.182 min Scan# 2814
Delta R.T. 0.366 min
Lab File: BG055368.D
Acq: 29 Oct 2022 16:46

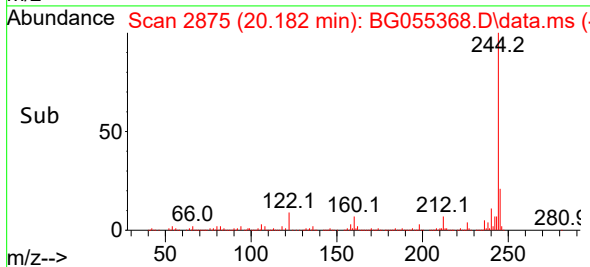
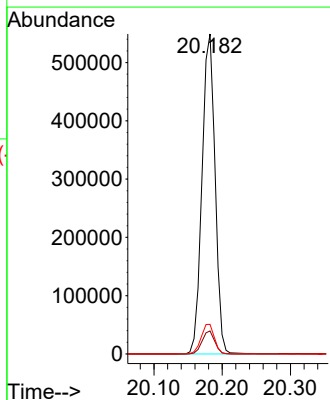
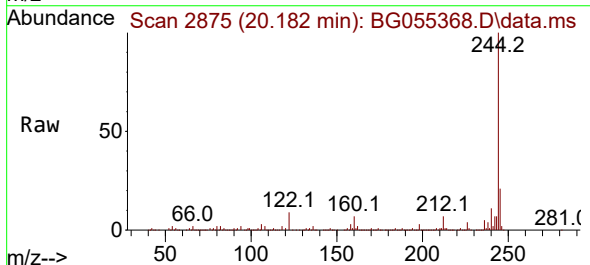
Instrument :
BNA_G
ClientSampleId :
20221105-COMP-04

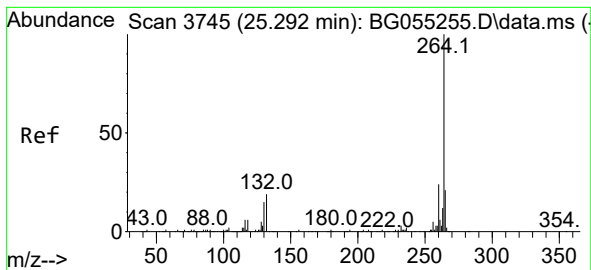
Tgt Ion:184 Resp: 9902
Ion Ratio Lower Upper
184 100
185 14.2 11.0 16.6
183 7.2 10.0 15.0#



#79
Terphenyl-d14
Concen: 81.781 ng
RT: 20.182 min Scan# 2875
Delta R.T. -0.004 min
Lab File: BG055368.D
Acq: 29 Oct 2022 16:46

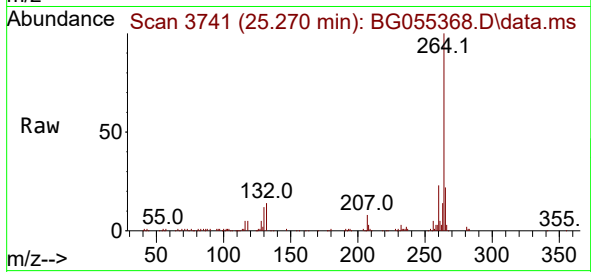
Tgt Ion:244 Resp: 732501
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 9.3 9.6 14.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.270 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: BG055368.D
 Acq: 29 Oct 2022 16:46

Instrument :
 BNA_G
 ClientSampleId :
 20221105-COMP-04



Tgt Ion:	264	Resp:	199391
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.5	29.3
265	22.2	17.4	26.2

