

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
 Data File : BG052772.D
 Acq On : 21 Mar 2022 17:49
 Operator : CG/JU
 Sample : N2011-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-A

Quant Time: Mar 22 02:54:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 15:56:10 2022
 Response via : Initial Calibration

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

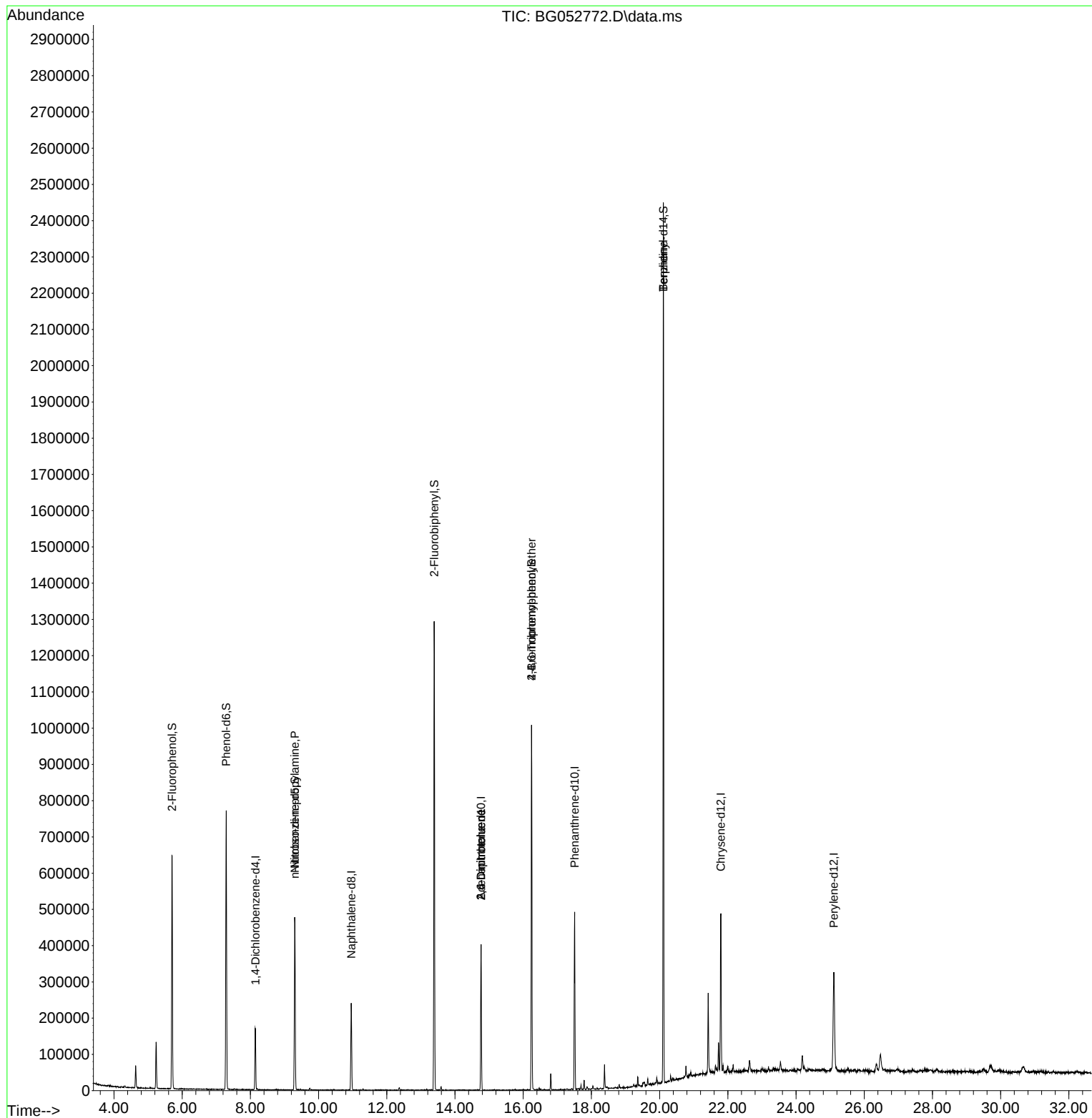
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.149	152	46770	20.000	ng	-0.01
21) Naphthalene-d8	10.957	136	195985	20.000	ng	#-0.02
39) Acenaphthene-d10	14.764	164	137938	20.000	ng	-0.01
64) Phenanthrene-d10	17.507	188	305602	20.000	ng	-0.01
76) Chrysene-d12	21.790	240	288161	20.000	ng	-0.02
86) Perylene-d12	25.109	264	302278	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.705	112	269508	100.353	ng	0.00
7) Phenol-d6	7.292	99	427220	105.517	ng	0.00
23) Nitrobenzene-d5	9.301	82	299352	76.662	ng	-0.02
42) 2,4,6-Tribromophenol	16.244	330	193437	104.362	ng	-0.02
45) 2-Fluorobiphenyl	13.389	172	684466	73.184	ng	-0.02
79) Terphenyl-d14	20.109	244	1182165	72.976	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.297	77	967	Below Cal	Qvalue	# 5
19) n-Nitroso-di-n-propyla...	9.306	70	40353	14.072	ng	# 76
51) 2,6-Dinitrotoluene	14.764	165	17878	10.329	ng	# 25
57) 2,4-Dinitrotoluene	14.764	165	17878	7.444	ng	# 23
67) 4-Bromophenyl-phenylether	16.244	248	12791	3.472	ng	# 1
77) Benzidine	20.109	184	21426	2.883	ng	# 91

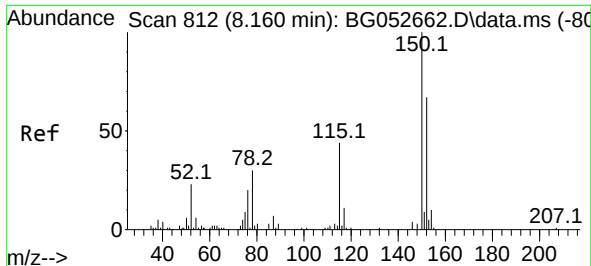
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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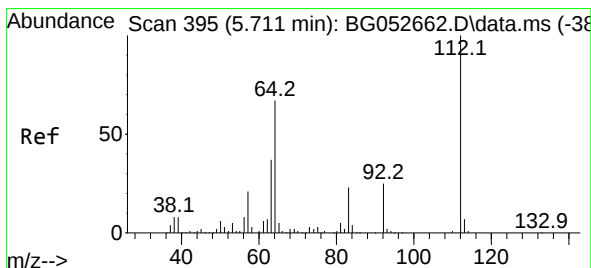
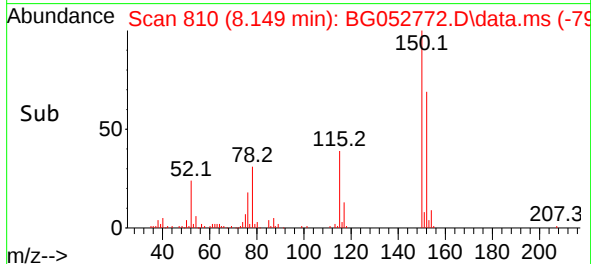
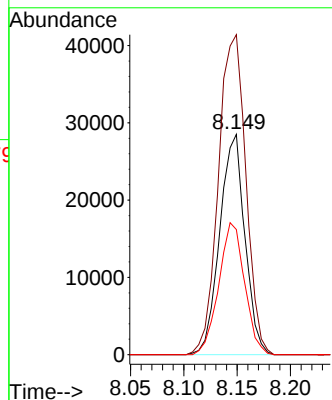
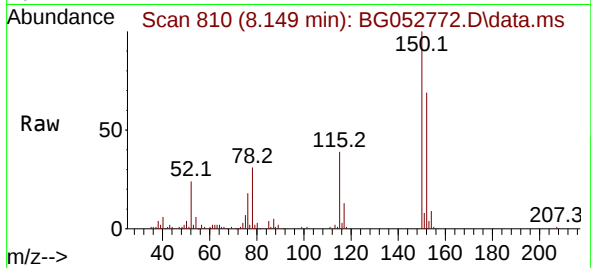




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.149 min Scan# 812
Delta R.T. -0.011 min
Lab File: BG052772.D
Acq: 21 Mar 2022 17:49

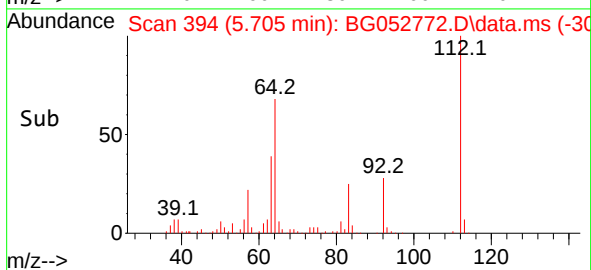
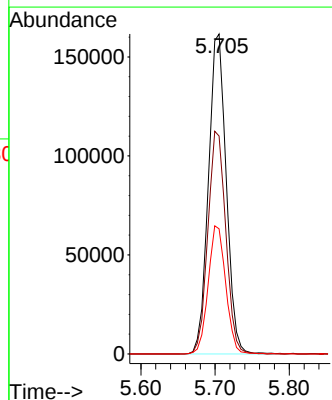
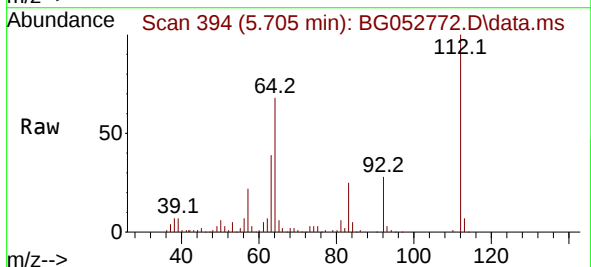
Instrument :
BNA_G
ClientSampleId :
C-A

Tgt Ion:152 Resp: 46770
Ion Ratio Lower Upper
152 100
150 145.2 114.6 172.0
115 56.8 45.9 68.9



#5
2-Fluorophenol
Concen: 100.353 ng
RT: 5.705 min Scan# 394
Delta R.T. -0.005 min
Lab File: BG052772.D
Acq: 21 Mar 2022 17:49

Tgt Ion:112 Resp: 269508
Ion Ratio Lower Upper
112 100
64 68.1 48.0 72.0
63 39.1 26.5 39.7

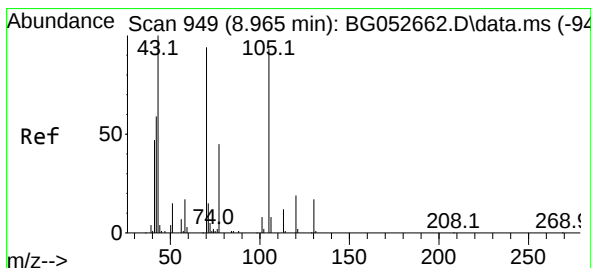
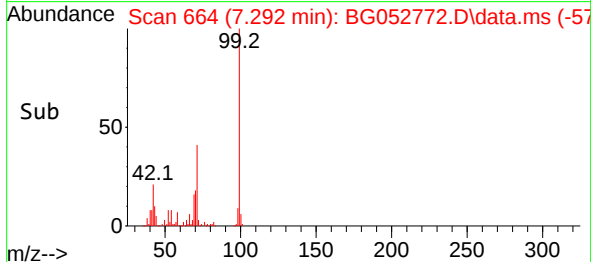
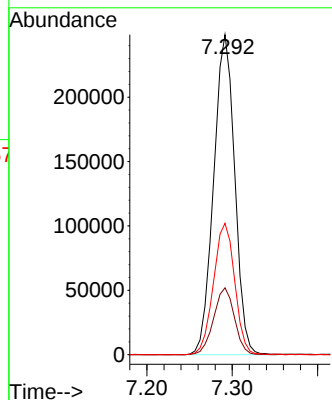
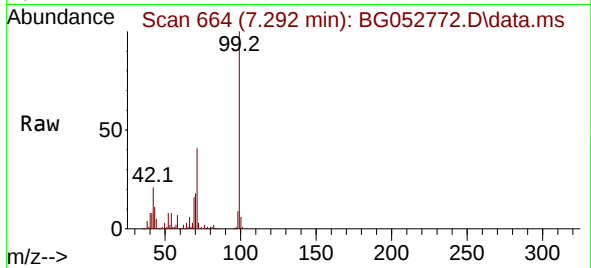




#7
Phenol-d6
Concen: 105.517 ng
RT: 7.292 min Scan# 60
Delta R.T. -0.005 min
Lab File: BG052772.D
Acq: 21 Mar 2022 17:49

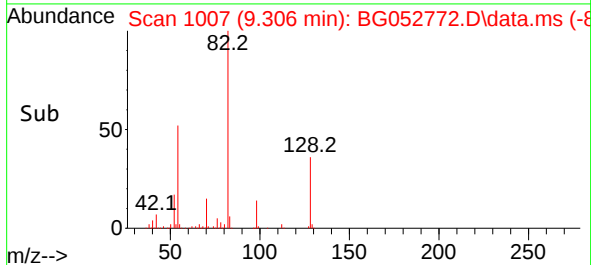
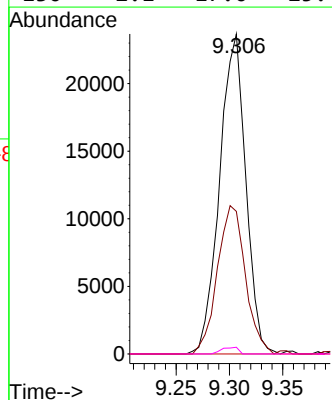
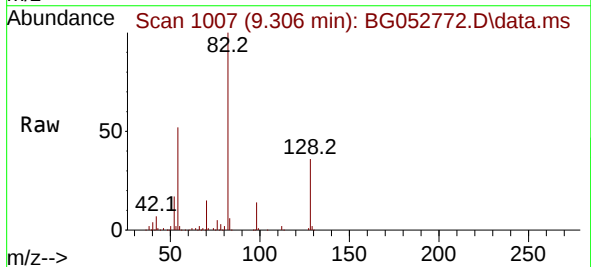
Instrument :
BNA_G
ClientSampleId :
C-A

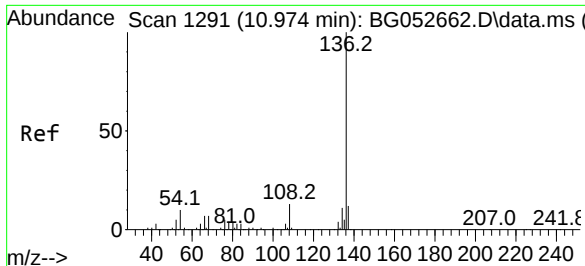
Tgt Ion: 99 Resp: 427220
Ion Ratio Lower Upper
99 100
42 20.9 14.7 22.1
71 41.0 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.072 ng
RT: 9.306 min Scan# 1007
Delta R.T. 0.341 min
Lab File: BG052772.D
Acq: 21 Mar 2022 17:49

Tgt Ion: 70 Resp: 40353
Ion Ratio Lower Upper
70 100
42 44.5 46.0 69.0#
101 0.0 6.2 9.4#
130 2.1 17.0 25.4#

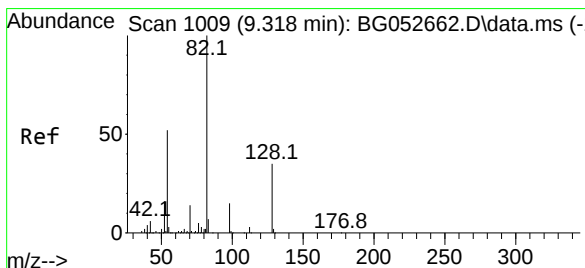
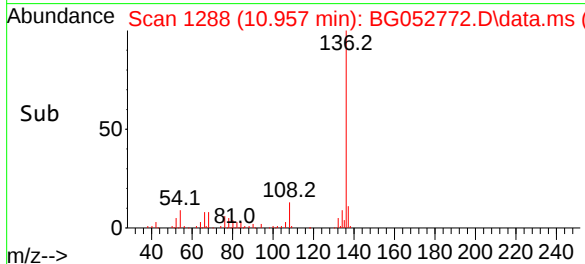
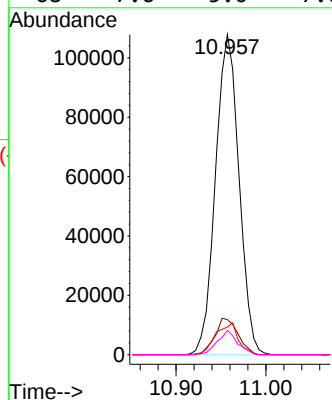
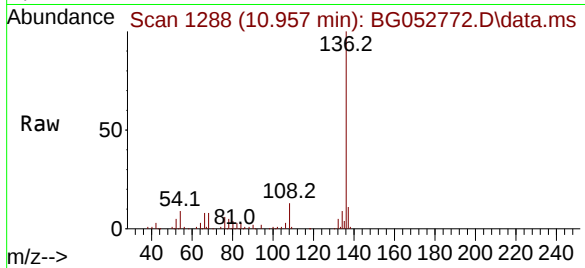




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.957 min Scan# 11
Delta R.T. -0.017 min
Lab File: BG052772.D
Acq: 21 Mar 2022 17:49

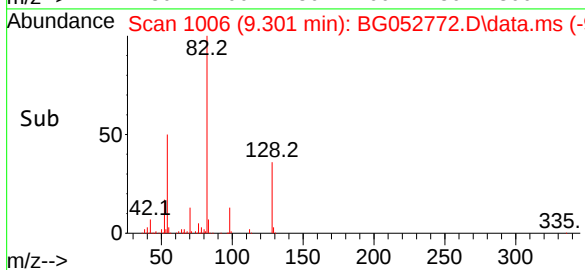
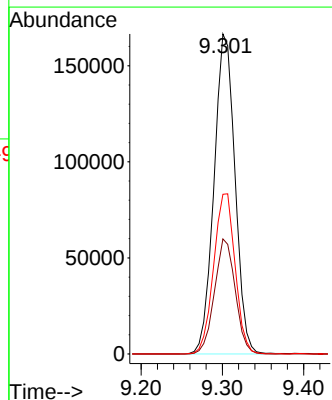
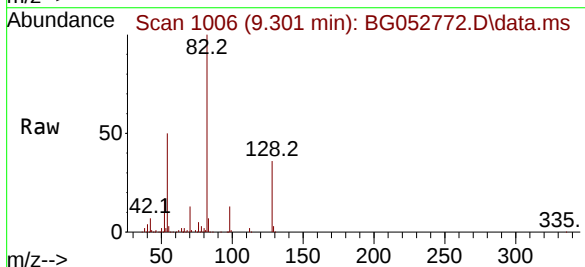
Instrument :
BNA_G
ClientSampleId :
C-A

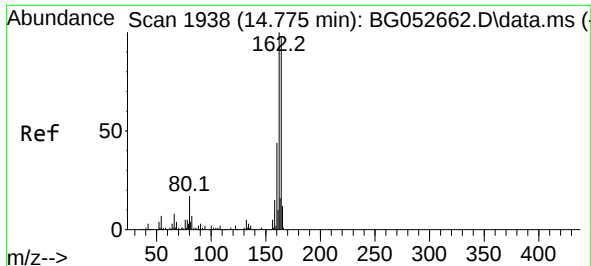
Tgt Ion:136 Resp: 195985
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.2
54 8.7 6.4 9.6
68 7.6 5.0 7.6#



#23
Nitrobenzene-d5
Concen: 76.662 ng
RT: 9.301 min Scan# 1006
Delta R.T. -0.017 min
Lab File: BG052772.D
Acq: 21 Mar 2022 17:49

Tgt Ion: 82 Resp: 299352
Ion Ratio Lower Upper
82 100
128 35.9 31.3 46.9
54 49.9 37.8 56.8

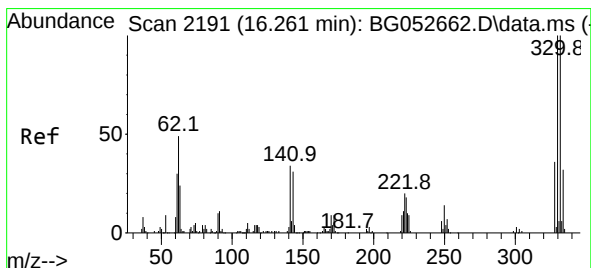
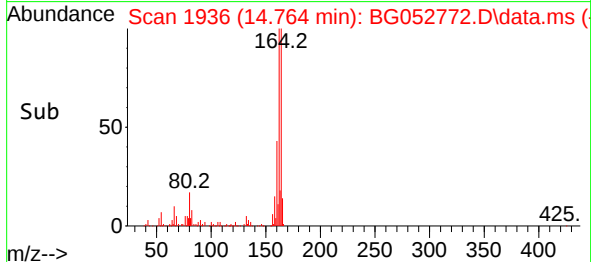
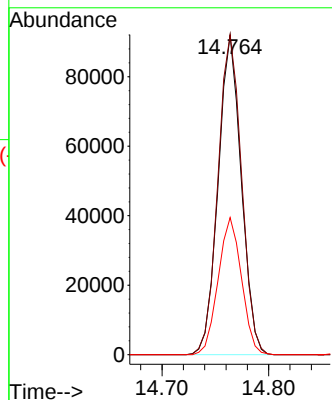
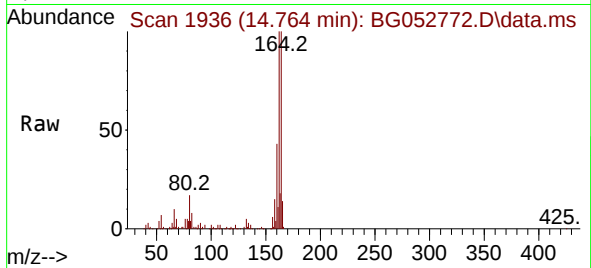




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.764 min Scan# 1936
Delta R.T. -0.011 min
Lab File: BG052772.D
Acq: 21 Mar 2022 17:49

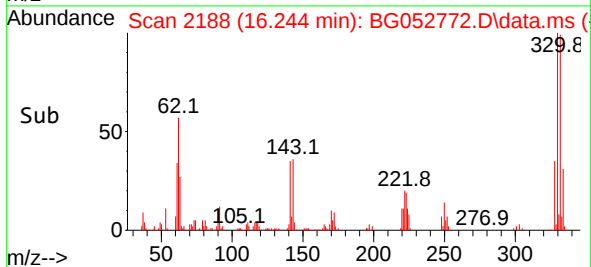
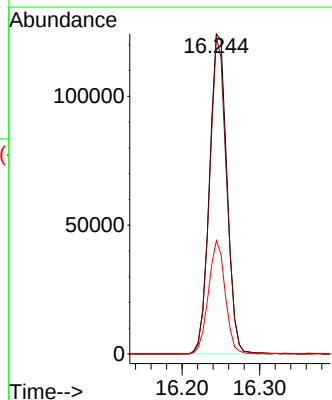
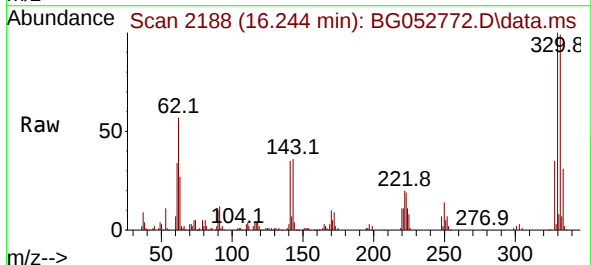
Instrument :
BNA_G
ClientSampleId :
C-A

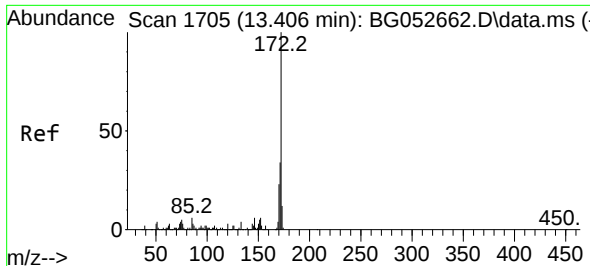
Tgt Ion:164 Resp: 137938
Ion Ratio Lower Upper
164 100
162 100.3 80.0 120.0
160 43.0 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 104.362 ng
RT: 16.244 min Scan# 2188
Delta R.T. -0.017 min
Lab File: BG052772.D
Acq: 21 Mar 2022 17:49

Tgt Ion:330 Resp: 193437
Ion Ratio Lower Upper
330 100
332 96.7 75.8 113.6
141 34.0 24.6 36.8

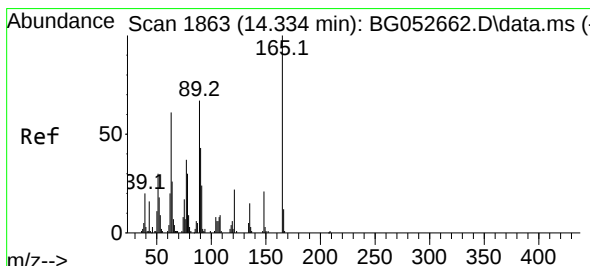
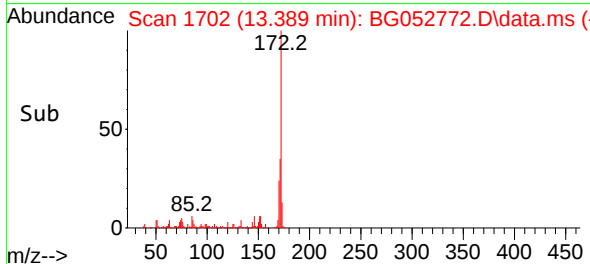
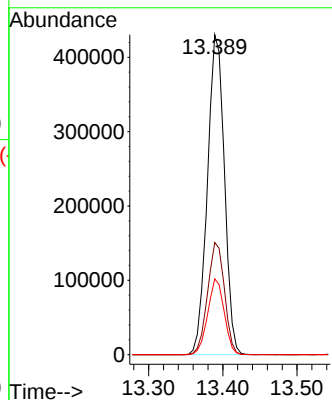
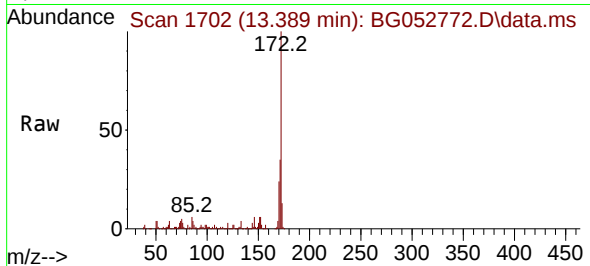




#45
2-Fluorobiphenyl
Concen: 73.184 ng
RT: 13.389 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG052772.D
Acq: 21 Mar 2022 17:49

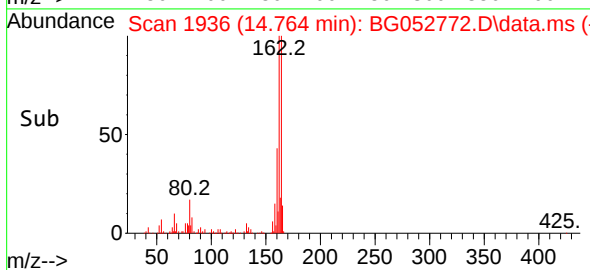
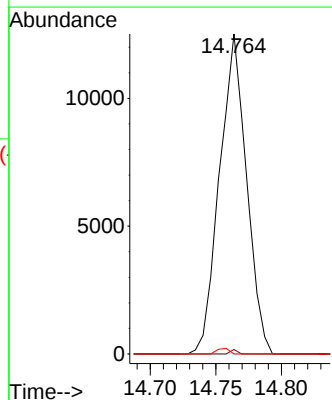
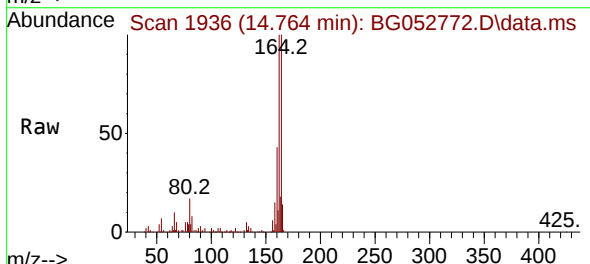
Instrument :
BNA_G
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C-A

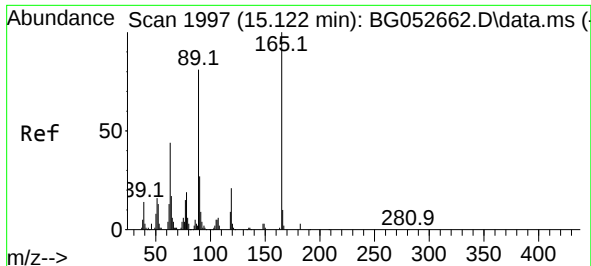
Tgt Ion:172 Resp: 684466
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.7 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 10.329 ng
RT: 14.764 min Scan# 1936
Delta R.T. 0.429 min
Lab File: BG052772.D
Acq: 21 Mar 2022 17:49

Tgt Ion:165 Resp: 17878
Ion Ratio Lower Upper
165 100
63 1.4 43.7 65.5#
89 0.0 45.0 67.4#

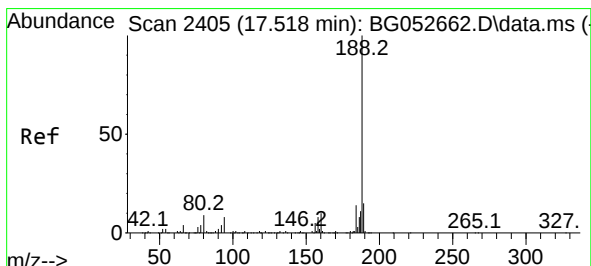
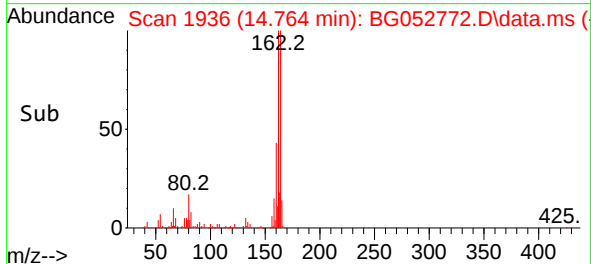
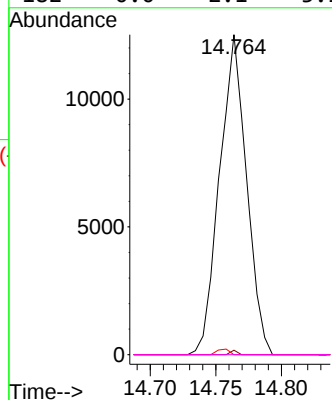
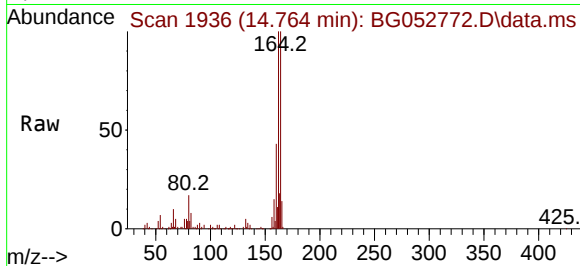




#57
2,4-Dinitrotoluene
Concen: 7.444 ng
RT: 14.764 min Scan# 1936
Delta R.T. -0.358 min
Lab File: BG052772.D
Acq: 21 Mar 2022 17:49

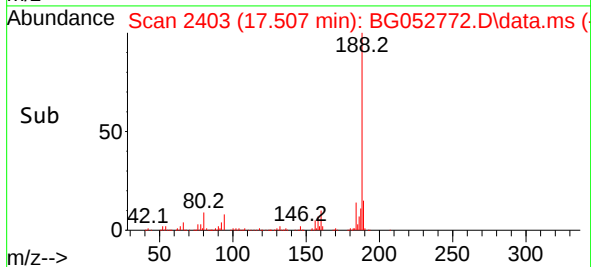
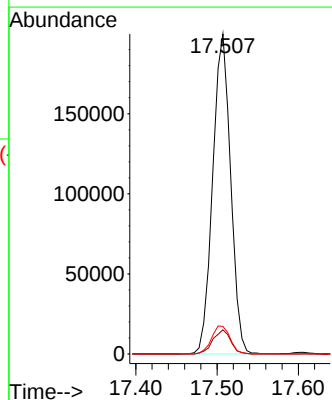
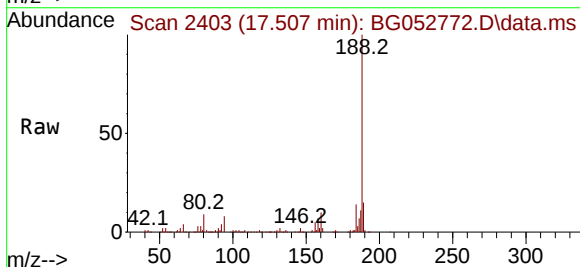
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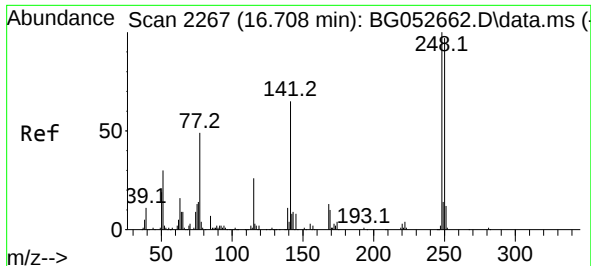
Tgt Ion:165 Resp: 17878
Ion Ratio Lower Upper
165 100
63 1.4 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.507 min Scan# 2403
Delta R.T. -0.011 min
Lab File: BG052772.D
Acq: 21 Mar 2022 17:49

Tgt Ion:188 Resp: 305602
Ion Ratio Lower Upper
188 100
94 7.6 5.7 8.5
80 8.6 7.2 10.8

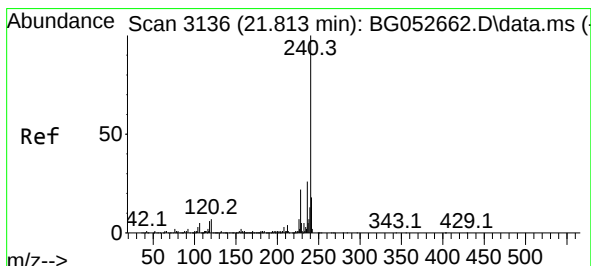
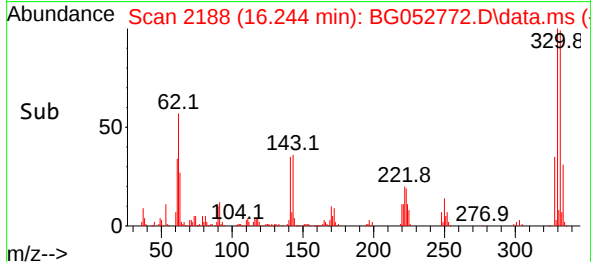
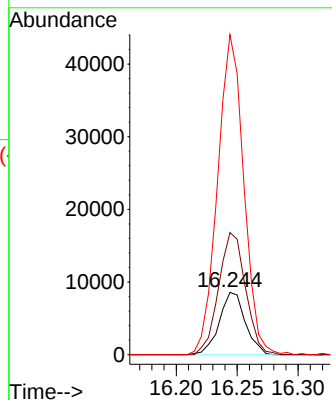
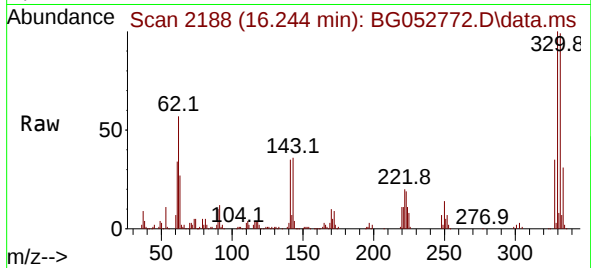




#67
4-Bromophenyl-phenylether
Concen: 3.472 ng
RT: 16.244 min Scan# 2188
Delta R.T. -0.464 min
Lab File: BG052772.D
Acq: 21 Mar 2022 17:49

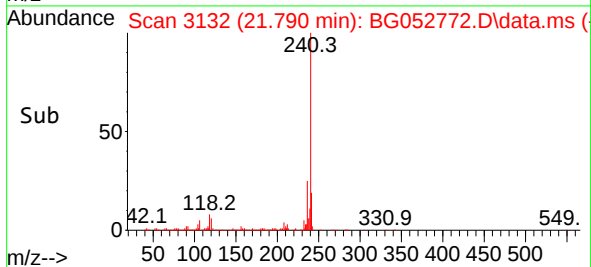
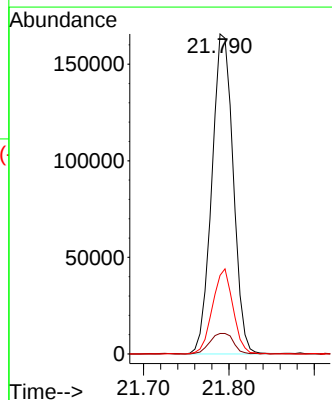
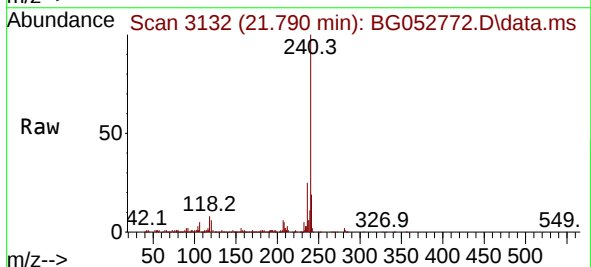
Instrument :
BNA_G
ClientSampleId :
C-A

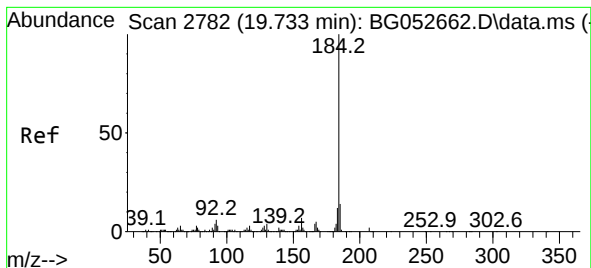
Tgt Ion:248 Resp: 12791
Ion Ratio Lower Upper
248 100
250 196.0 77.9 116.9#
141 513.6 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.790 min Scan# 3132
Delta R.T. -0.023 min
Lab File: BG052772.D
Acq: 21 Mar 2022 17:49

Tgt Ion:240 Resp: 288161
Ion Ratio Lower Upper
240 100
120 6.4 5.4 8.0
236 24.5 19.8 29.6





#77

Benzidine

Concen: 2.883 ng

RT: 20.109 min Scan# 21

Delta R.T. 0.376 min

Lab File: BG052772.D

Acq: 21 Mar 2022 17:49

Instrument :

BNA_G

ClientSampleId :

C-A

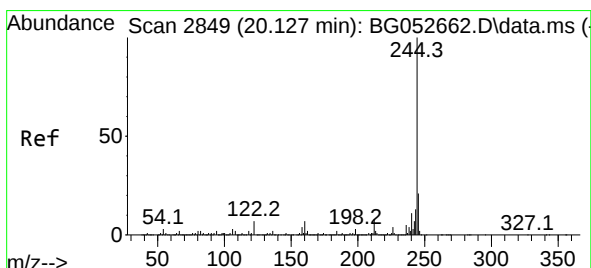
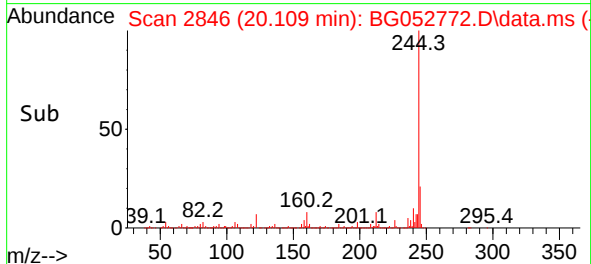
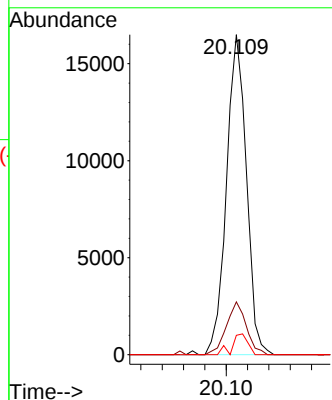
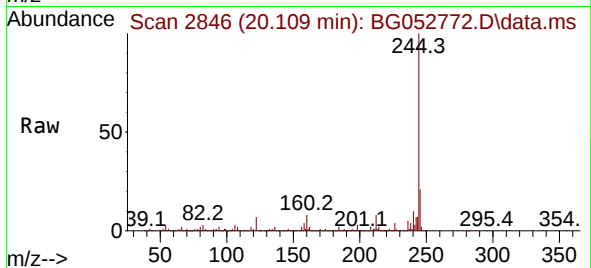
Tgt Ion:184 Resp: 21426

Ion Ratio Lower Upper

184 100

185 16.5 11.5 17.3

183 6.1 9.4 14.2#



#79

Terphenyl-d14

Concen: 72.976 ng

RT: 20.109 min Scan# 2846

Delta R.T. -0.017 min

Lab File: BG052772.D

Acq: 21 Mar 2022 17:49

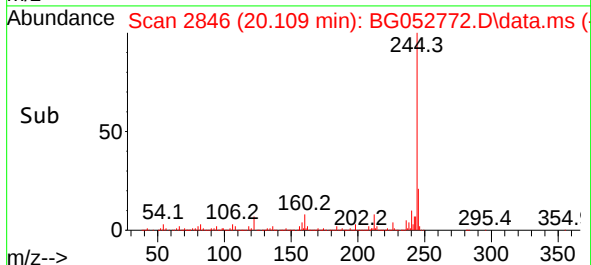
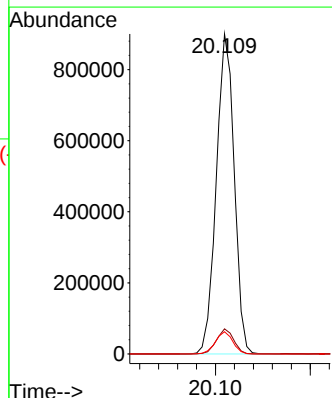
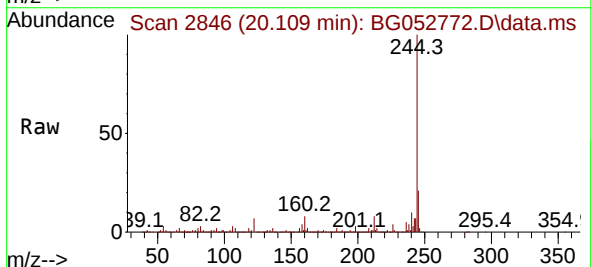
Tgt Ion:244 Resp: 1182165

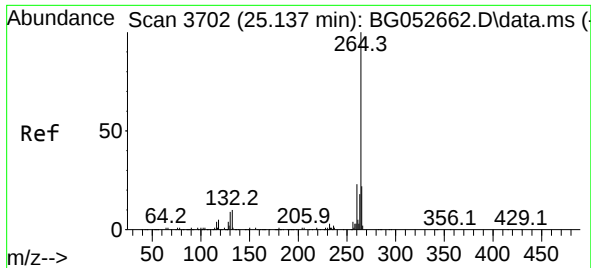
Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.2

122 7.0 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.109 min Scan# 30
 Delta R.T. -0.029 min
 Lab File: BG052772.D
 Acq: 21 Mar 2022 17:49

Instrument :
 BNA_G
 ClientSampleId :
 C-A

Tgt Ion:264 Resp: 302278
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.2 27.2
 265 20.8 15.1 22.7

