

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081422\
 Data File : BG054633.D
 Acq On : 14 Aug 2022 15:15
 Operator : CG/JU
 Sample : N4185-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP2

Quant Time: Aug 15 04:19:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 13 00:32:40 2022
 Response via : Initial Calibration

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

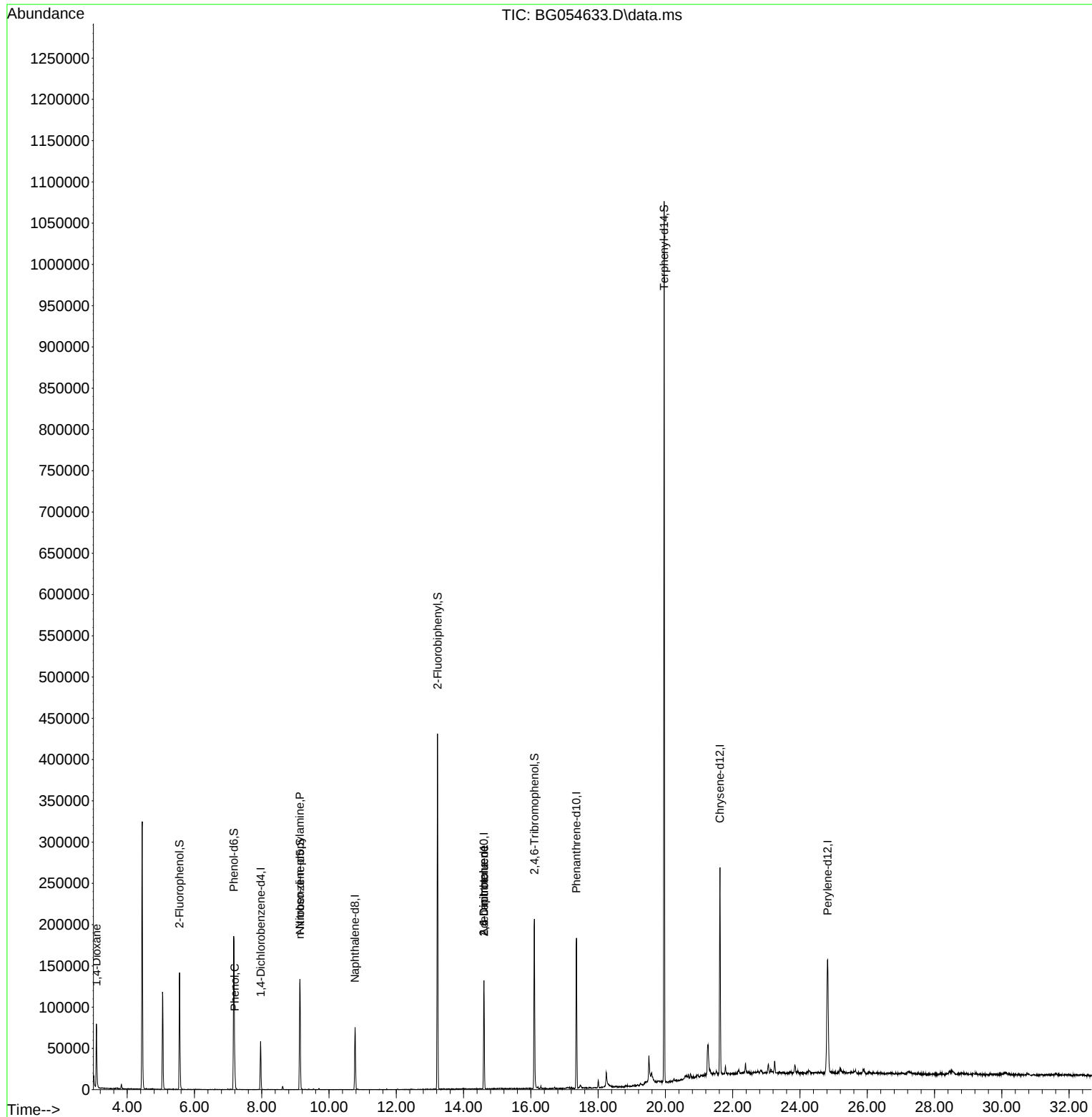
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.965	152	17766	20.000	ng	0.00
21) Naphthalene-d8	10.774	136	67327	20.000	ng	# 0.00
39) Acenaphthene-d10	14.604	164	50563	20.000	ng	0.00
64) Phenanthrene-d10	17.354	188	136073	20.000	ng	# 0.00
76) Chrysene-d12	21.620	240	175202	20.000	ng	# 0.00
86) Perylene-d12	24.822	264	182461	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.556	112	65155	76.571	ng	0.00
7) Phenol-d6	7.166	99	108121	92.732	ng	0.00
23) Nitrobenzene-d5	9.134	82	84926	68.692	ng	0.00
42) 2,4,6-Tribromophenol	16.103	330	57344	54.015	ng	0.00
45) 2-Fluorobiphenyl	13.224	172	239283	66.759	ng	0.00
79) Terphenyl-d14	19.963	244	603154	68.295	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.089	88	751	2.218	ng	# 1
9) Benzaldehyde	7.166	77	84	Below Cal		# 10
10) Phenol	7.196	94	11560	9.979	ng	94
19) n-Nitroso-di-n-propyla...	9.129	70	12410	15.939	ng	# 77
51) 2,6-Dinitrotoluene	14.604	165	6985	8.063	ng	# 16
57) 2,4-Dinitrotoluene	14.604	165	6985	5.625	ng	# 21

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

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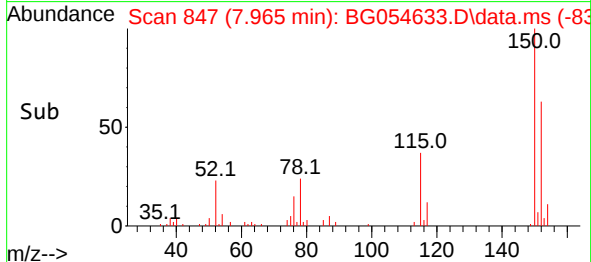
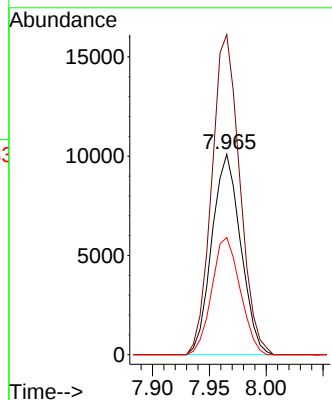
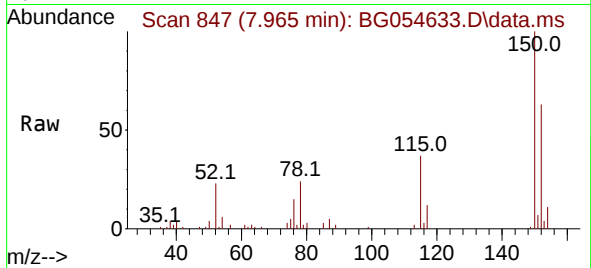




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.965 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: BG054633.D
 Acq: 14 Aug 2022 15:15

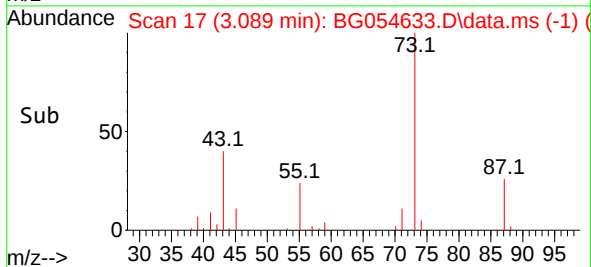
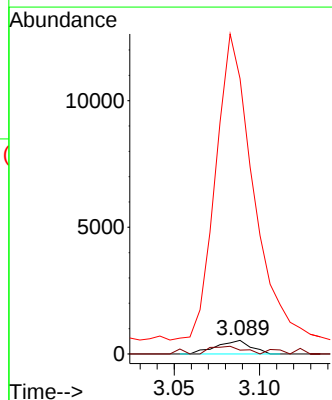
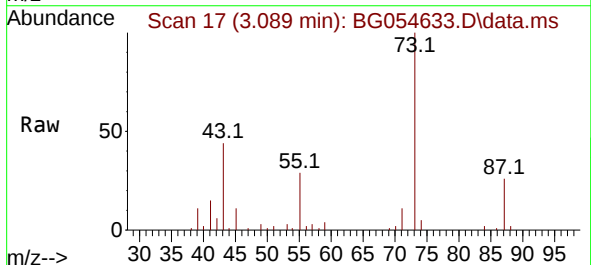
Instrument :
 BNA_G
 ClientSampleId :
 COMP2

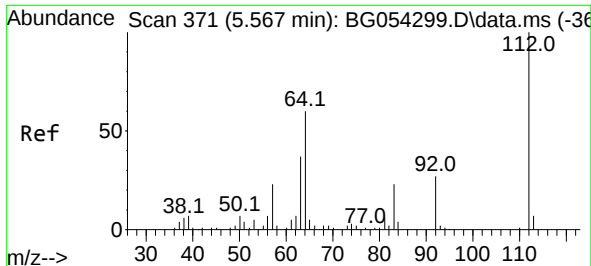
Tgt Ion:152 Resp: 17766
 Ion Ratio Lower Upper
 152 100
 150 159.6 131.6 197.4
 115 58.4 50.9 76.3



#2
 1,4-Dioxane
 Concen: 2.218 ng
 RT: 3.089 min Scan# 17
 Delta R.T. -0.302 min
 Lab File: BG054633.D
 Acq: 14 Aug 2022 15:15

Tgt Ion: 88 Resp: 751
 Ion Ratio Lower Upper
 88 100
 58 53.8 59.2 88.8#
 43 2673.8 24.3 36.5#

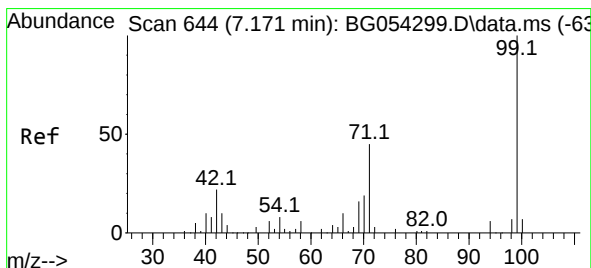
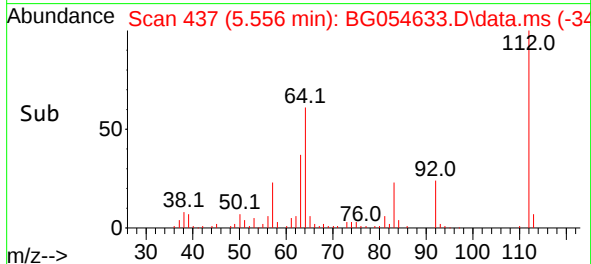
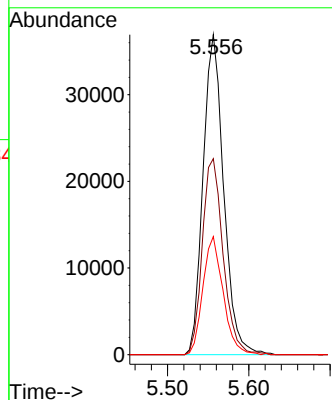
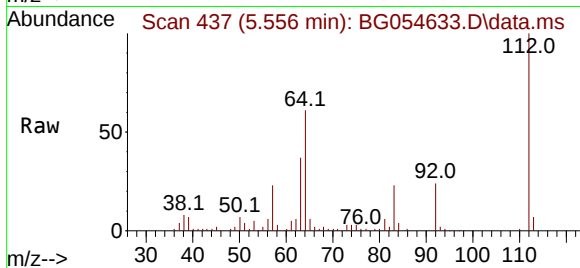




#5
2-Fluorophenol
Concen: 76.571 ng
RT: 5.556 min Scan# 41
Delta R.T. 0.003 min
Lab File: BG054633.D
Acq: 14 Aug 2022 15:15

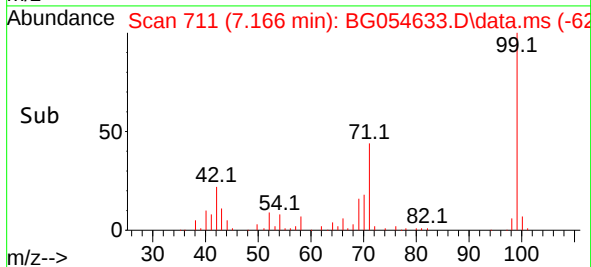
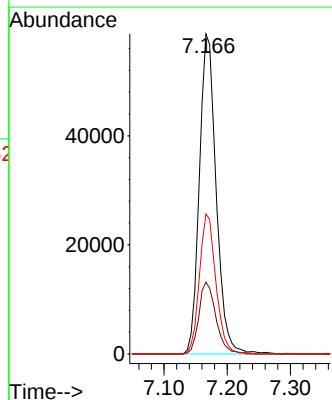
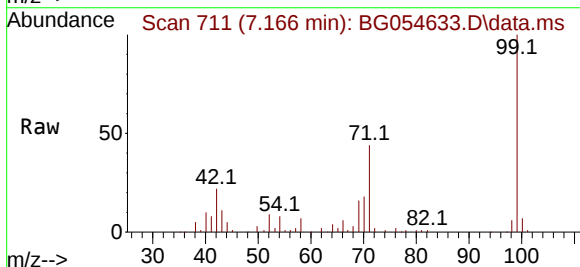
Instrument :
BNA_G
ClientSampleId :
COMP2

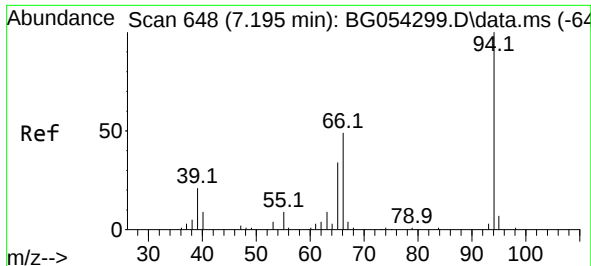
Tgt Ion:112 Resp: 65155
Ion Ratio Lower Upper
112 100
64 61.3 55.1 82.7
63 36.9 30.4 45.6



#7
Phenol-d6
Concen: 92.732 ng
RT: 7.166 min Scan# 711
Delta R.T. -0.003 min
Lab File: BG054633.D
Acq: 14 Aug 2022 15:15

Tgt Ion: 99 Resp: 108121
Ion Ratio Lower Upper
99 100
42 22.4 17.0 25.6
71 43.8 33.8 50.8

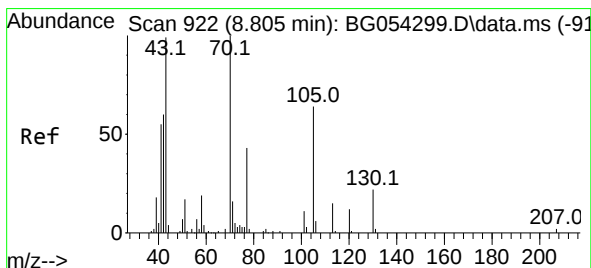
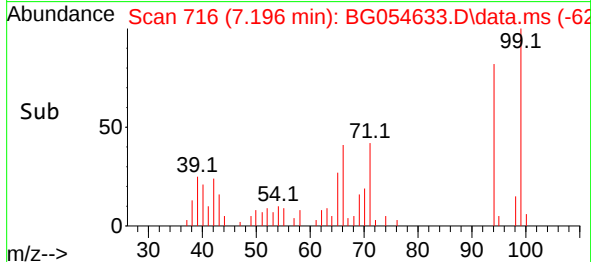
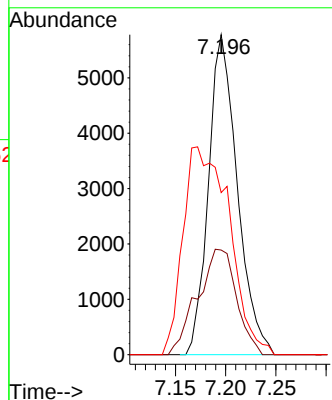
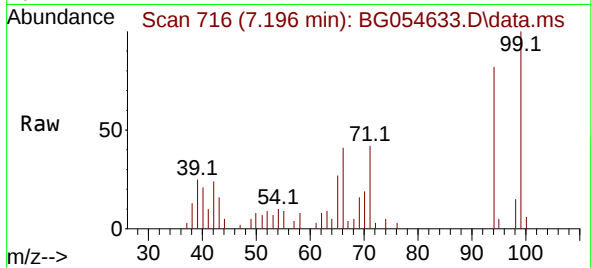




#10
Phenol
Concen: 9.979 ng
RT: 7.196 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG054633.D
Acq: 14 Aug 2022 15:15

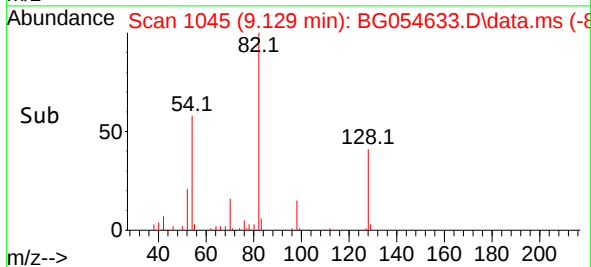
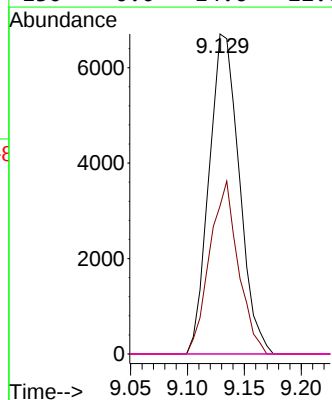
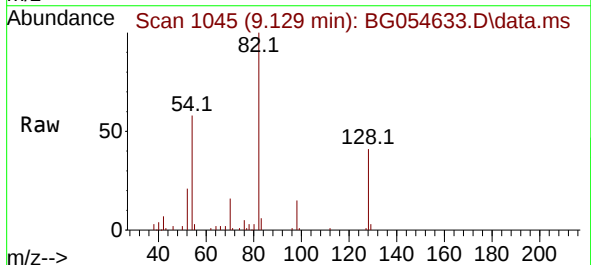
Instrument :
BNA_G
ClientSampleId :
COMP2

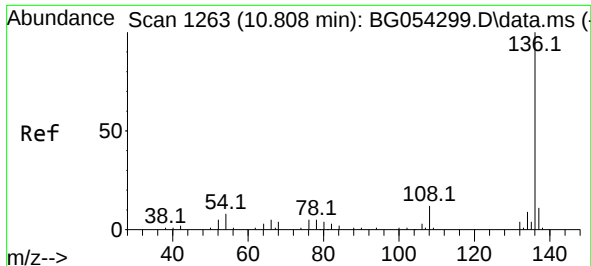
Tgt Ion: 94 Resp: 11560
Ion Ratio Lower Upper
94 100
65 32.7 14.8 54.8
66 50.6 25.2 65.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.939 ng
RT: 9.129 min Scan# 1045
Delta R.T. 0.350 min
Lab File: BG054633.D
Acq: 14 Aug 2022 15:15

Tgt Ion: 70 Resp: 12410
Ion Ratio Lower Upper
70 100
42 46.3 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

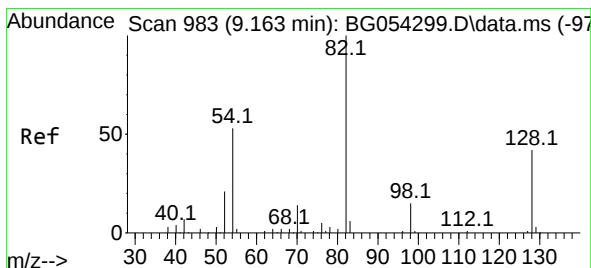
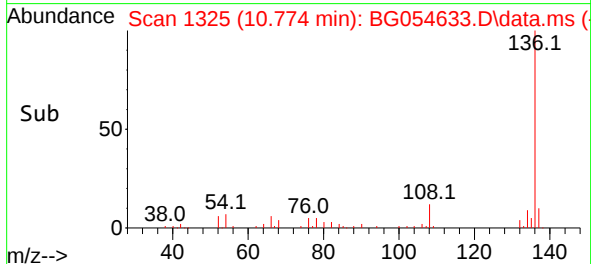
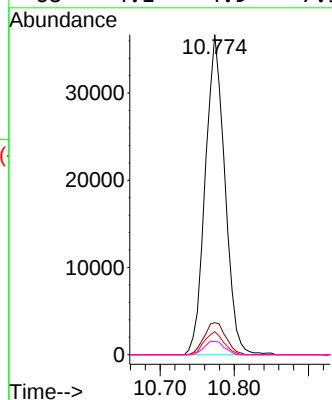
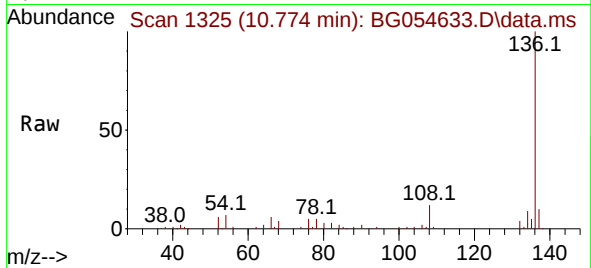




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.774 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG054633.D
Acq: 14 Aug 2022 15:15

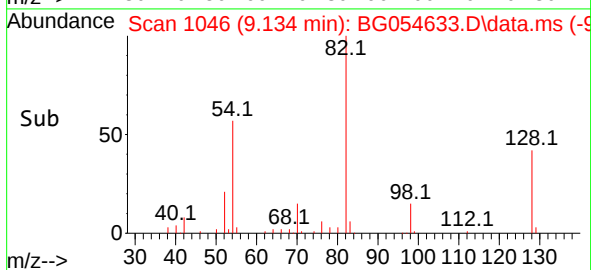
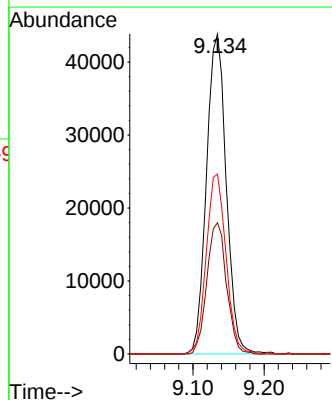
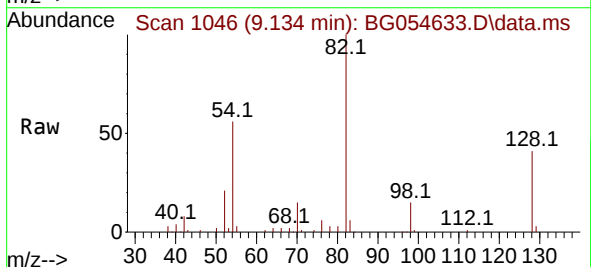
Instrument :
BNA_G
ClientSampleId :
COMP2

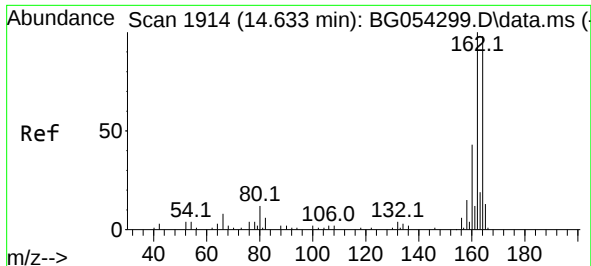
Tgt Ion:	136	Resp:	67327
Ion Ratio	Lower	Upper	
136	100		
137	10.0	8.5	12.7
54	7.2	7.4	11.2#
68	4.1	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 68.692 ng
RT: 9.134 min Scan# 1046
Delta R.T. -0.003 min
Lab File: BG054633.D
Acq: 14 Aug 2022 15:15

Tgt Ion:	82	Resp:	84926
Ion Ratio	Lower	Upper	
82	100		
128	41.0	27.9	41.9
54	56.2	41.2	61.8

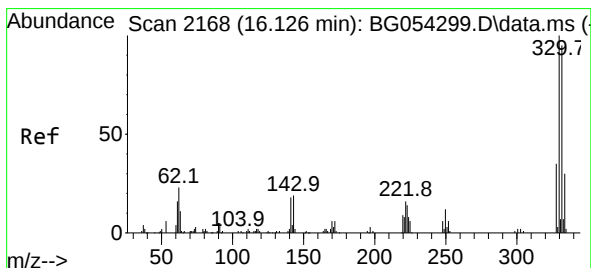
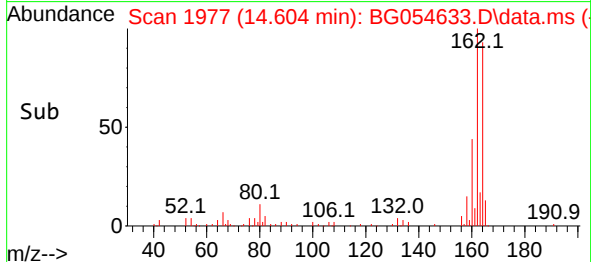
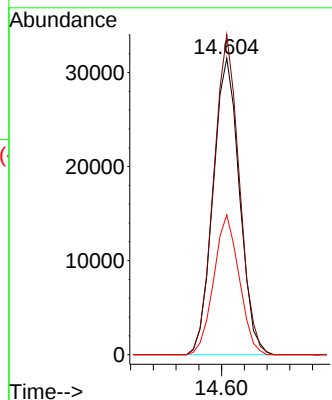
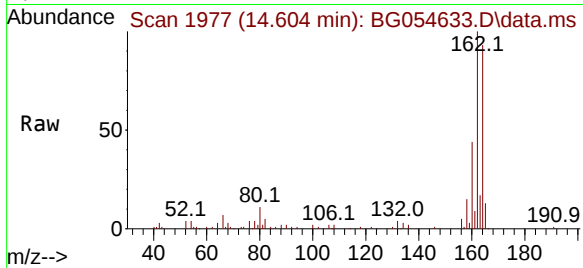




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1914
Delta R.T. -0.003 min
Lab File: BG054633.D
Acq: 14 Aug 2022 15:15

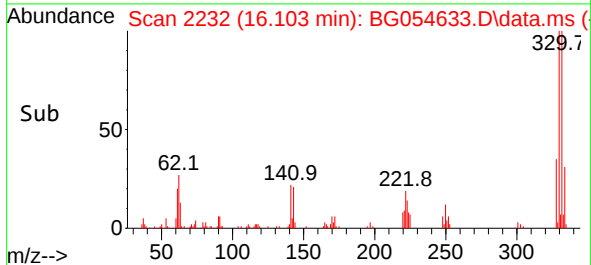
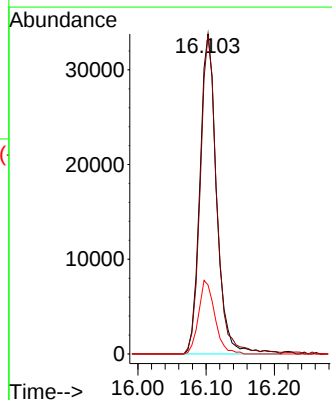
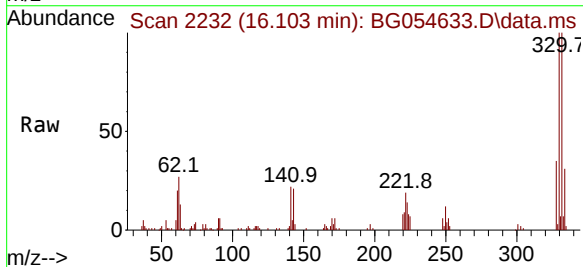
Instrument :
BNA_G
ClientSampleId :
COMP2

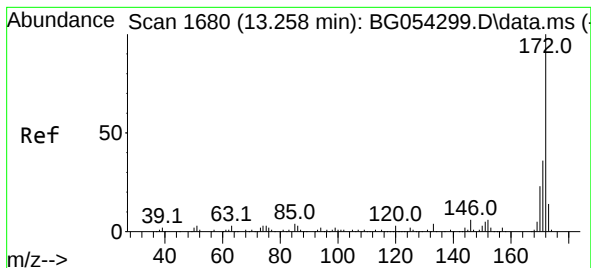
Tgt Ion:164 Resp: 50563
Ion Ratio Lower Upper
164 100
162 107.9 82.3 123.5
160 47.2 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 54.015 ng
RT: 16.103 min Scan# 2232
Delta R.T. -0.009 min
Lab File: BG054633.D
Acq: 14 Aug 2022 15:15

Tgt Ion:330 Resp: 57344
Ion Ratio Lower Upper
330 100
332 98.8 76.0 114.0
141 22.4 27.1 40.7#





#45

2-Fluorobiphenyl

Concen: 66.759 ng

RT: 13.224 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG054633.D

Acq: 14 Aug 2022 15:15

Instrument :

BNA_G

ClientSampleId :

COMP2

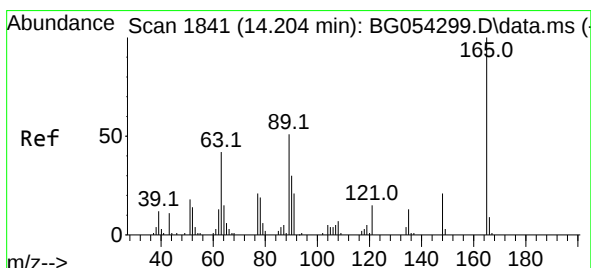
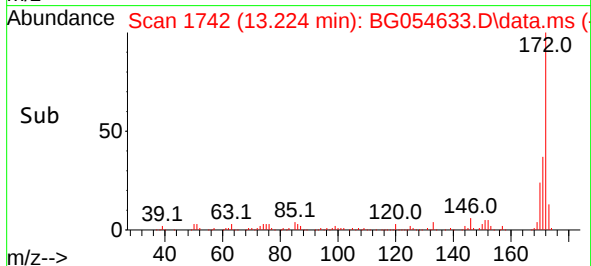
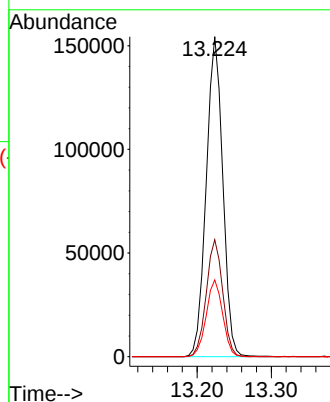
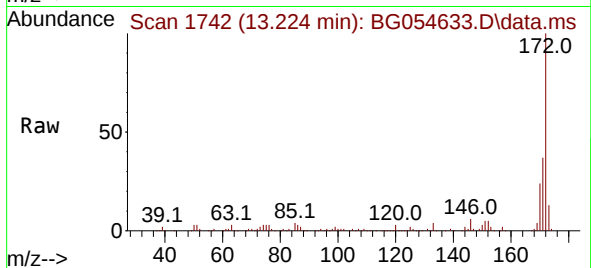
Tgt Ion:172 Resp: 239283

Ion Ratio Lower Upper

172 100

171 36.5 28.5 42.7

170 24.0 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 8.063 ng

RT: 14.604 min Scan# 1977

Delta R.T. 0.414 min

Lab File: BG054633.D

Acq: 14 Aug 2022 15:15

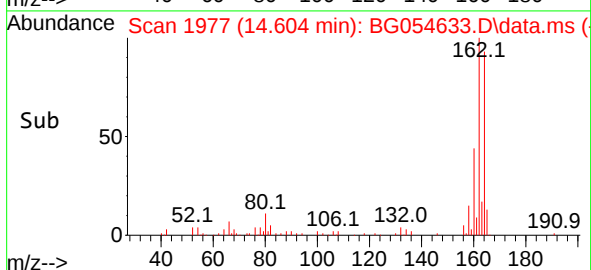
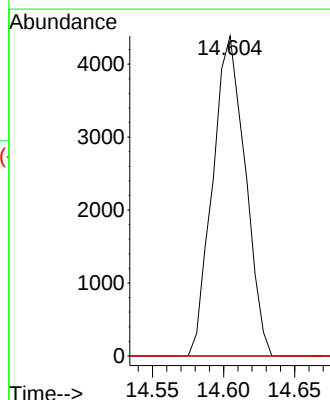
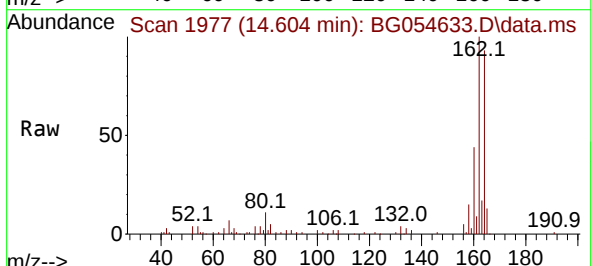
Tgt Ion:165 Resp: 6985

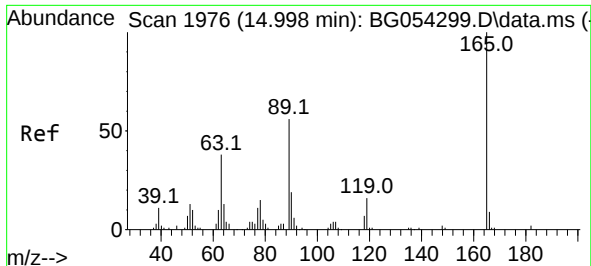
Ion Ratio Lower Upper

165 100

63 0.0 54.1 81.1#

89 0.0 54.8 82.2#

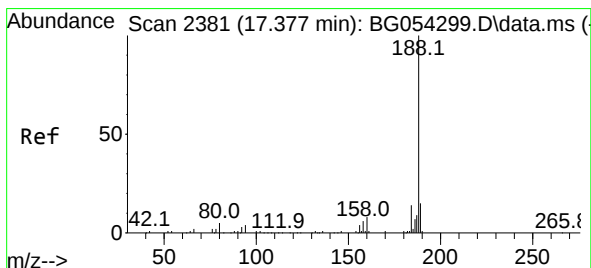
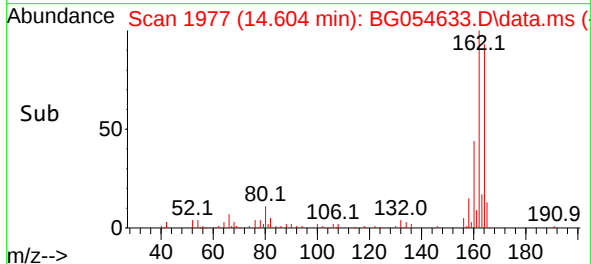
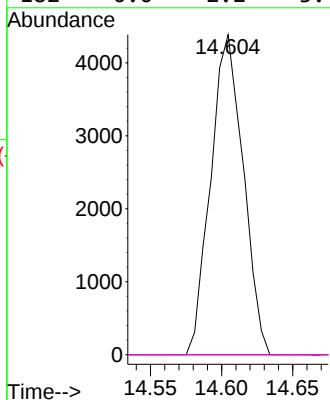
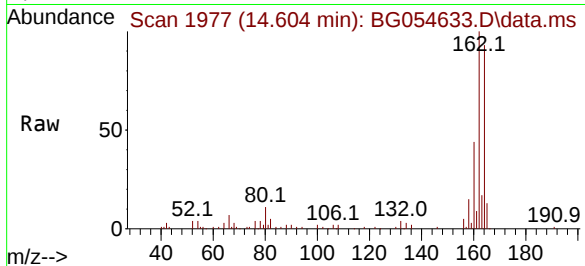




#57
2,4-Dinitrotoluene
Concen: 5.625 ng
RT: 14.604 min Scan# 14
Delta R.T. -0.391 min
Lab File: BG054633.D
Acq: 14 Aug 2022 15:15

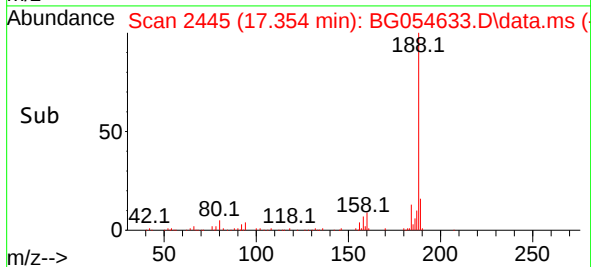
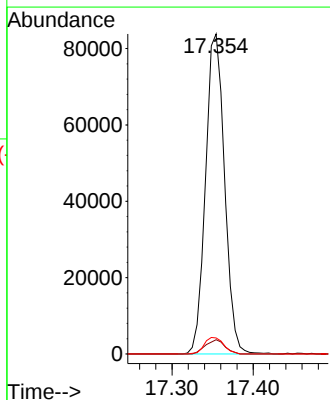
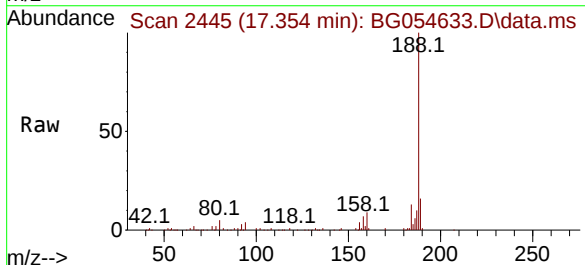
Instrument :
BNA_G
ClientSampleId :
COMP2

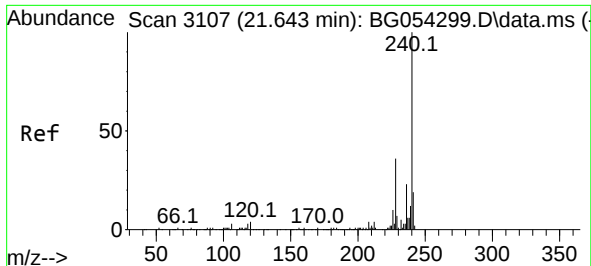
Tgt Ion:165 Resp: 6985
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.354 min Scan# 2445
Delta R.T. -0.003 min
Lab File: BG054633.D
Acq: 14 Aug 2022 15:15

Tgt Ion:188 Resp: 136073
Ion Ratio Lower Upper
188 100
94 4.5 5.4 8.0#
80 5.0 6.8 10.2#

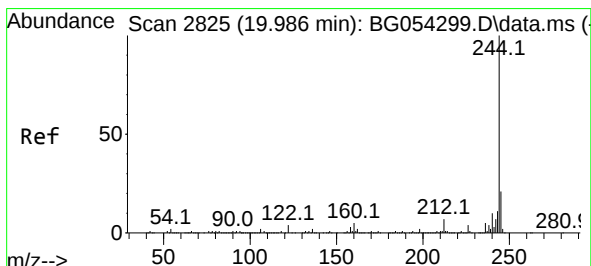
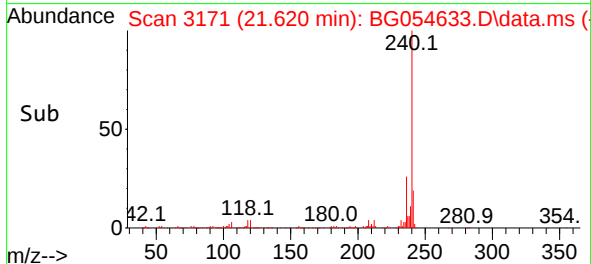
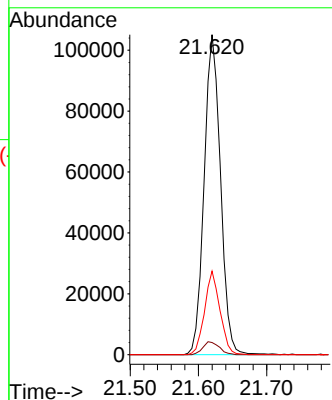
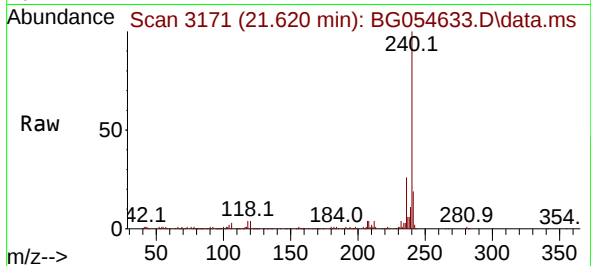




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.620 min Scan# 3107
Delta R.T. -0.009 min
Lab File: BG054633.D
Acq: 14 Aug 2022 15:15

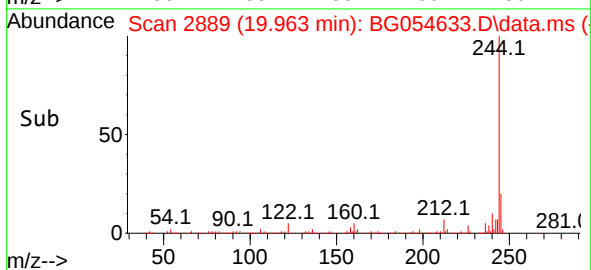
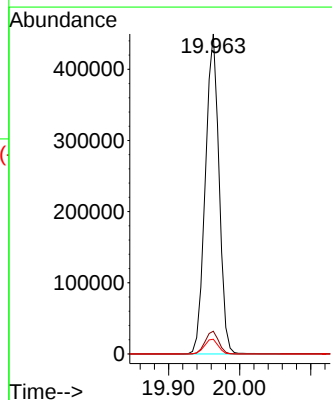
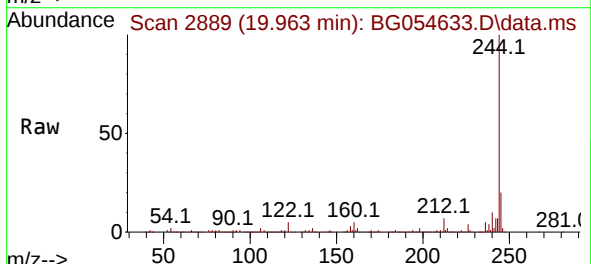
Instrument :
BNA_G
ClientSampleId :
COMP2

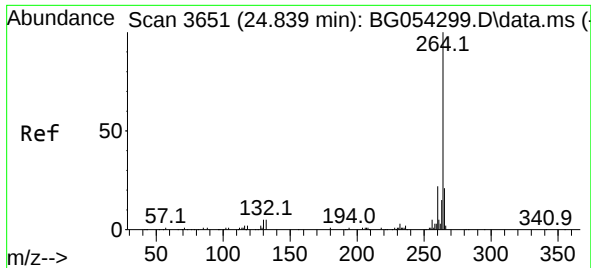
Tgt Ion:240 Resp: 175202
Ion Ratio Lower Upper
240 100
120 3.8 4.6 7.0#
236 26.1 20.2 30.4



#79
Terphenyl-d14
Concen: 68.295 ng
RT: 19.963 min Scan# 2889
Delta R.T. -0.003 min
Lab File: BG054633.D
Acq: 14 Aug 2022 15:15

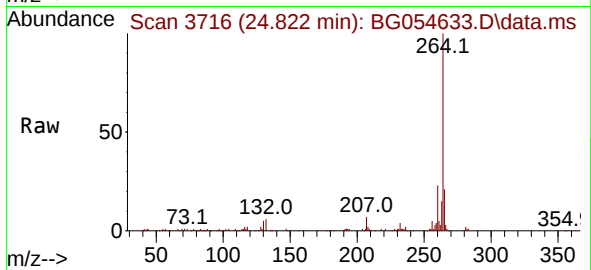
Tgt Ion:244 Resp: 603154
Ion Ratio Lower Upper
244 100
212 7.1 6.5 9.7
122 4.6 5.0 7.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.822 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG054633.D
Acq: 14 Aug 2022 15:15

Instrument :
BNA_G
ClientSampleId :
COMP2



Tgt Ion:264 Resp: 182461

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.0	28.6
265	20.9	17.4	26.2

