

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082622\
 Data File : BG054763.D
 Acq On : 26 Aug 2022 20:16
 Operator : CG/JU
 Sample : N4338-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YANNUZZI-PLYMOUTH-PROJECT

Quant Time: Aug 27 02:18:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

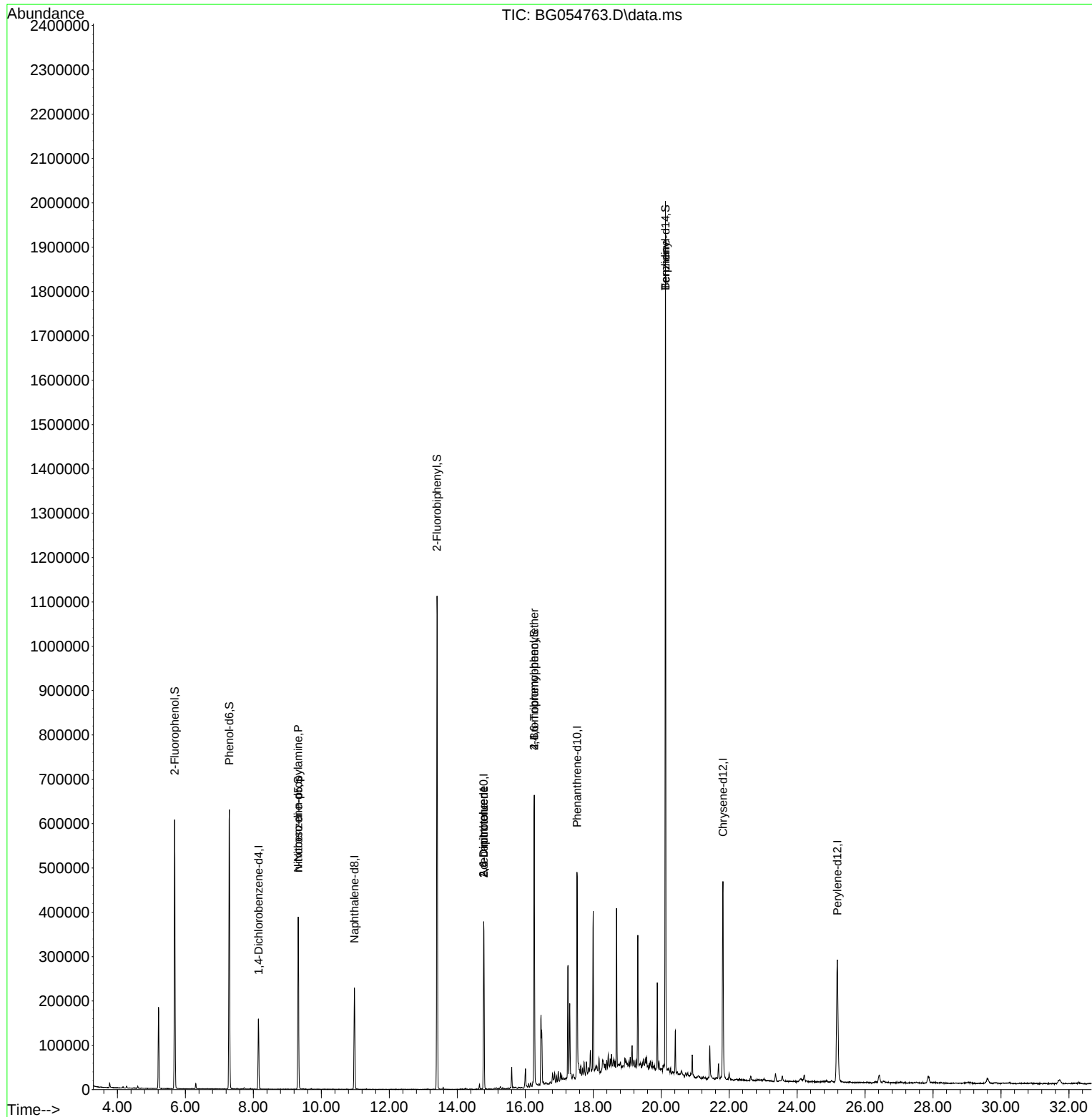
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	48402	20.000	ng	0.00
21) Naphthalene-d8	10.972	136	204302	20.000	ng	0.00
39) Acenaphthene-d10	14.780	164	139672	20.000	ng	0.00
64) Phenanthrene-d10	17.524	188	297695	20.000	ng	0.00
76) Chrysene-d12	21.819	240	289126	20.000	ng	0.00
86) Perylene-d12	25.185	264	308207	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	273325	98.334	ng	0.00
7) Phenol-d6	7.294	99	393464	103.509	ng	0.00
23) Nitrobenzene-d5	9.321	82	246988	63.465	ng	0.00
42) 2,4,6-Tribromophenol	16.266	330	133792	76.659	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	599488	64.511	ng	0.00
79) Terphenyl-d14	20.126	244	960687	65.836	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.321	70	30908	11.824	ng	# 79
51) 2,6-Dinitrotoluene	14.780	165	17905	8.135	ng	# 20
57) 2,4-Dinitrotoluene	14.780	165	17905	5.881	ng	# 18
67) 4-Bromophenyl-phenylether	16.266	248	8899	2.723	ng	# 1
77) Benzidine	20.126	184	14853	2.074	ng	# 89

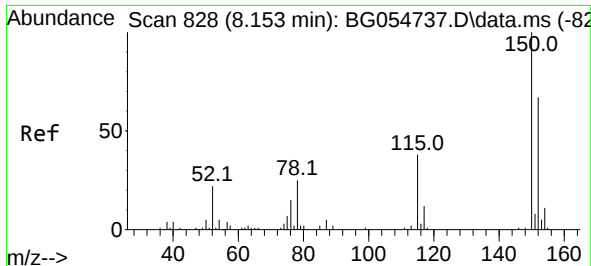
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

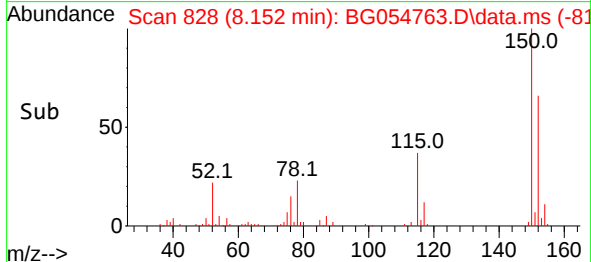
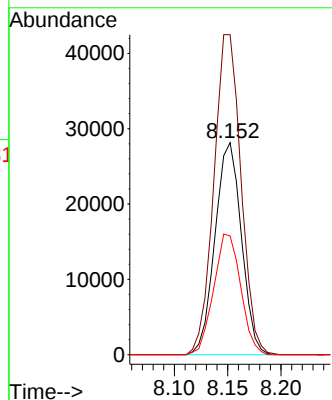
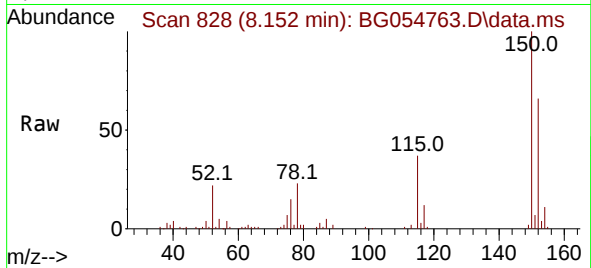




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.152 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG054763.D
Acq: 26 Aug 2022 20:16

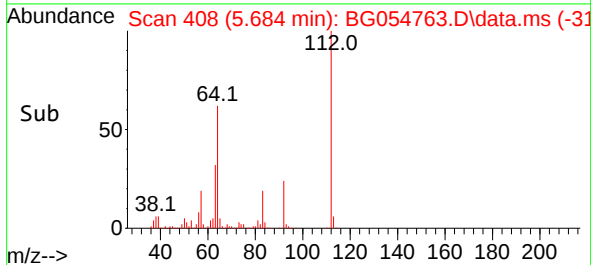
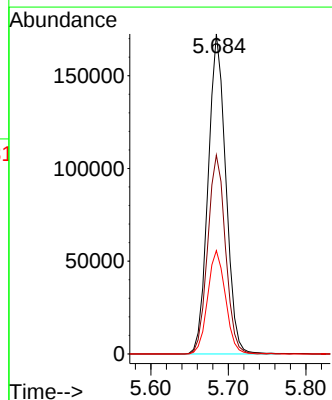
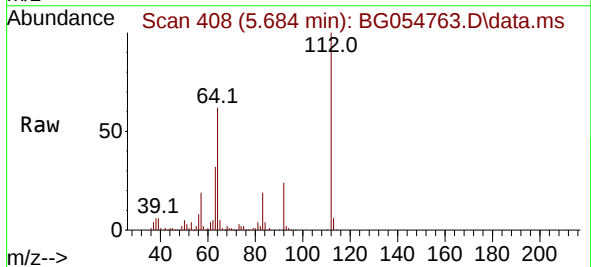
Instrument :
BNA_G
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YANNUZZI-PLYMOUTH-PROJECT

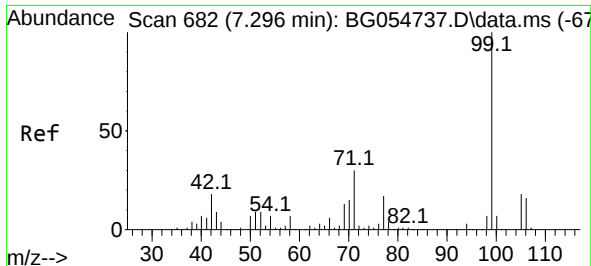
Tgt Ion:152 Resp: 48402
Ion Ratio Lower Upper
152 100
150 150.9 125.2 187.8
115 56.0 47.9 71.9



#5
2-Fluorophenol
Concen: 98.334 ng
RT: 5.684 min Scan# 408
Delta R.T. -0.001 min
Lab File: BG054763.D
Acq: 26 Aug 2022 20:16

Tgt Ion:112 Resp: 273325
Ion Ratio Lower Upper
112 100
64 62.2 49.3 73.9
63 32.3 26.3 39.5

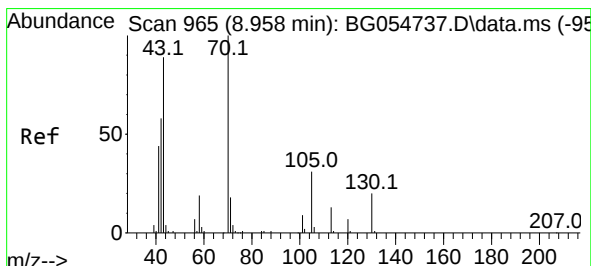
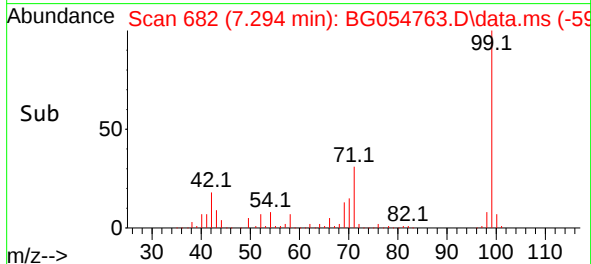
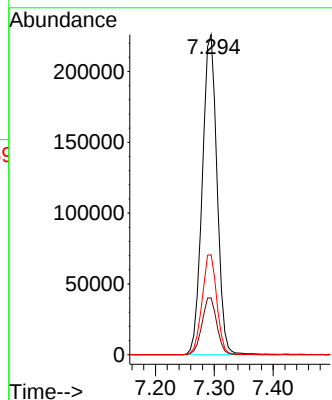
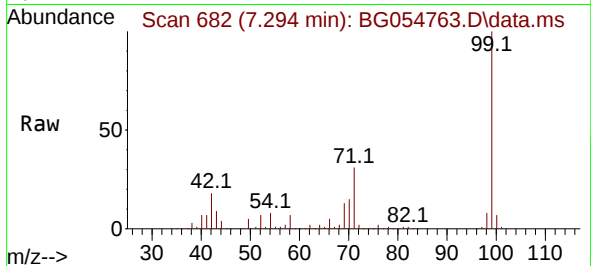




#7
Phenol-d6
Concen: 103.509 ng
RT: 7.294 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG054763.D
Acq: 26 Aug 2022 20:16

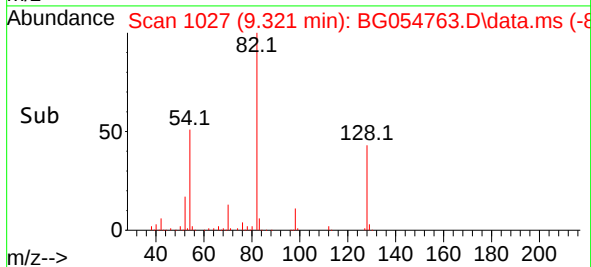
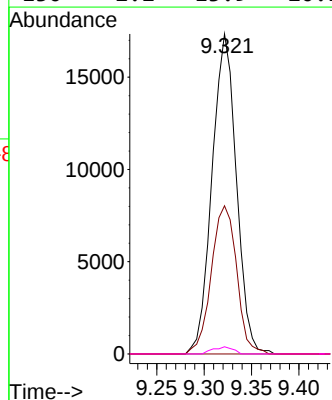
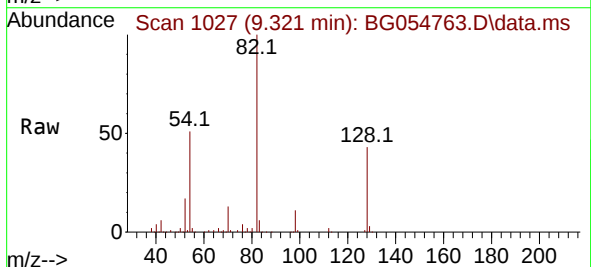
Instrument :
BNA_G
ClientSampleId :
YANNUZZI-PLYMOUTH-PROJECT

Tgt Ion: 99 Resp: 393464
Ion Ratio Lower Upper
99 100
42 17.8 14.6 22.0
71 31.2 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.824 ng
RT: 9.321 min Scan# 1027
Delta R.T. 0.363 min
Lab File: BG054763.D
Acq: 26 Aug 2022 20:16

Tgt Ion: 70 Resp: 30908
Ion Ratio Lower Upper
70 100
42 46.3 46.6 69.8#
101 0.0 7.7 11.5#
130 2.2 13.9 20.9#

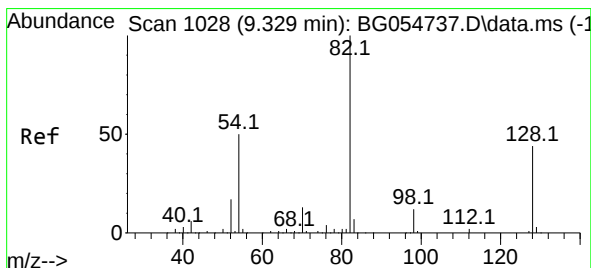
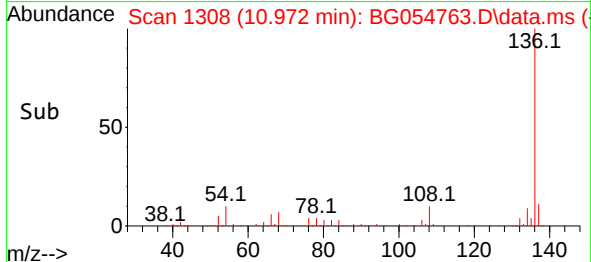
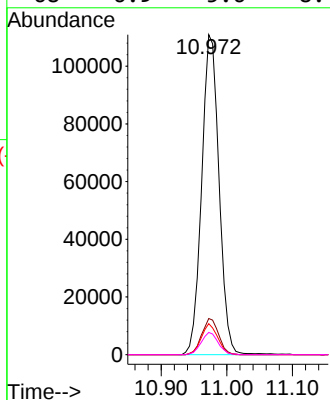
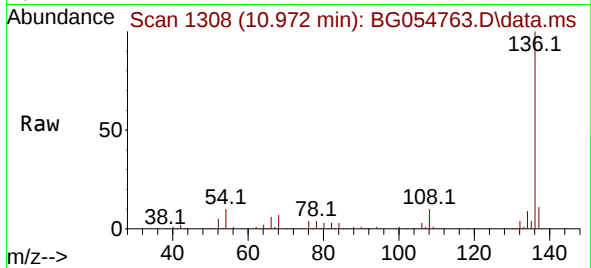




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.972 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG054763.D
Acq: 26 Aug 2022 20:16

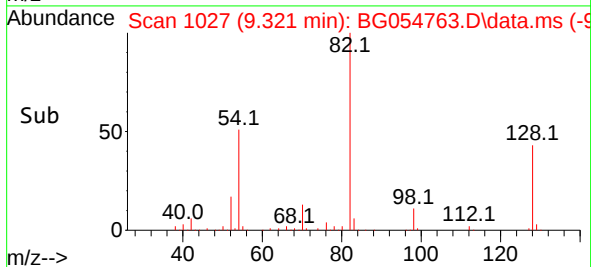
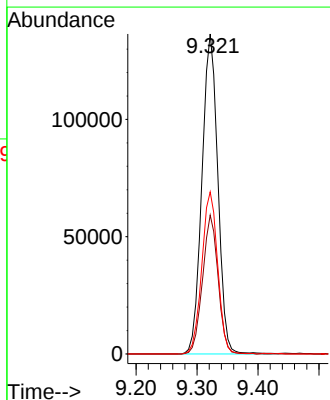
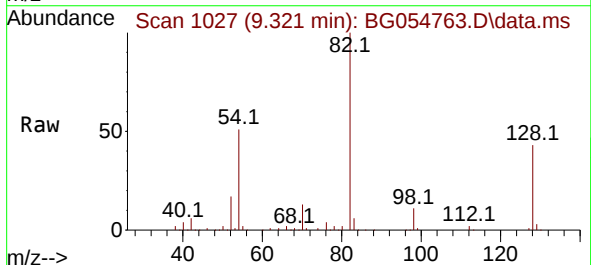
Instrument :
BNA_G
ClientSampleId :
YANNUZZI-PLYMOUTH-PROJECT

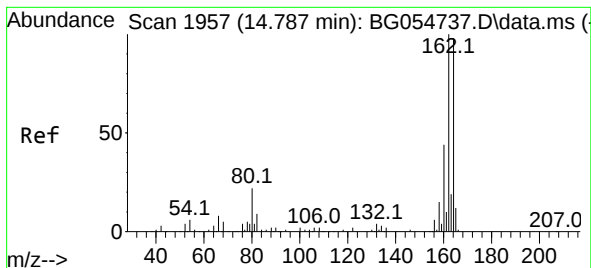
Tgt Ion:	136	Resp:	204302
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	9.7	7.7	11.5
68	6.9	5.6	8.4



#23
Nitrobenzene-d5
Concen: 63.465 ng
RT: 9.321 min Scan# 1027
Delta R.T. -0.007 min
Lab File: BG054763.D
Acq: 26 Aug 2022 20:16

Tgt Ion:	82	Resp:	246988
Ion	Ratio	Lower	Upper
82	100		
128	43.4	32.2	48.2
54	50.7	41.4	62.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.780 min Scan# 1957

Delta R.T. -0.007 min

Lab File: BG054763.D

Acq: 26 Aug 2022 20:16

Instrument :

BNA_G

ClientSampleId :

YANNUZZI-PLYMOUTH-PROJECT

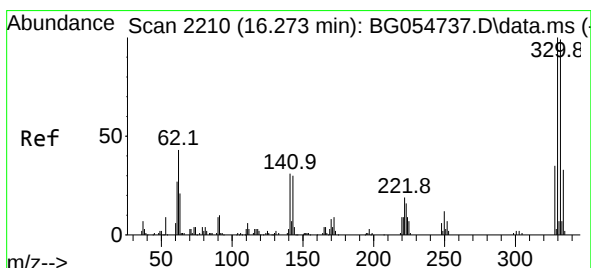
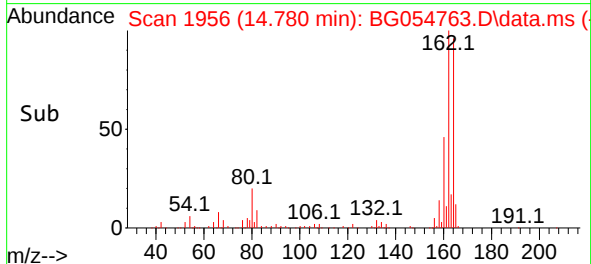
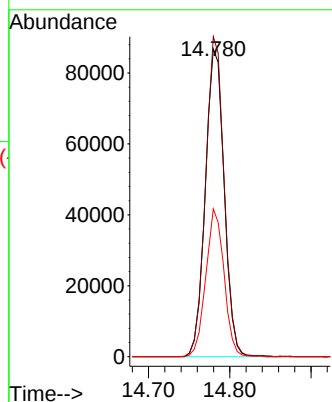
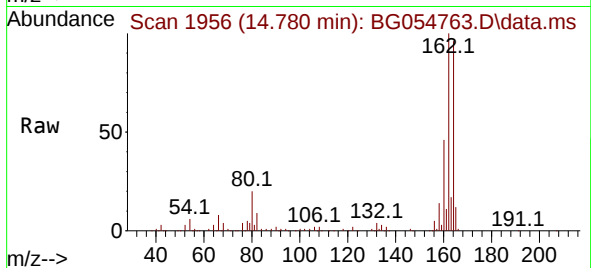
Tgt Ion:164 Resp: 139672

Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.4

160 48.1 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 76.659 ng

RT: 16.266 min Scan# 2209

Delta R.T. -0.007 min

Lab File: BG054763.D

Acq: 26 Aug 2022 20:16

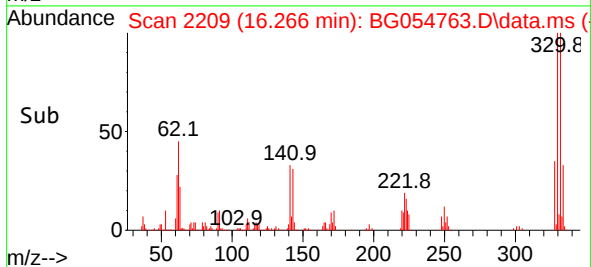
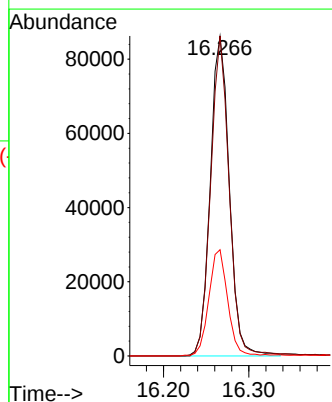
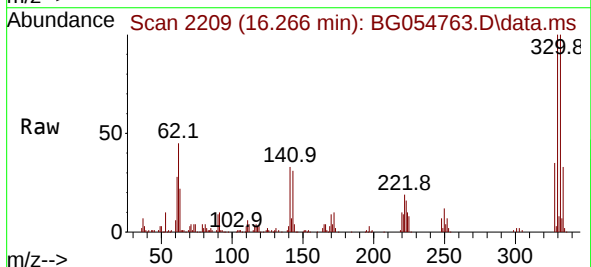
Tgt Ion:330 Resp: 133792

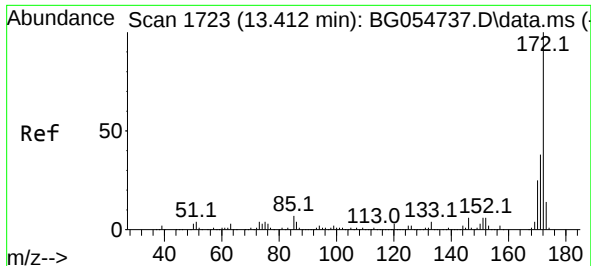
Ion Ratio Lower Upper

330 100

332 97.2 79.8 119.6

141 33.5 26.8 40.2

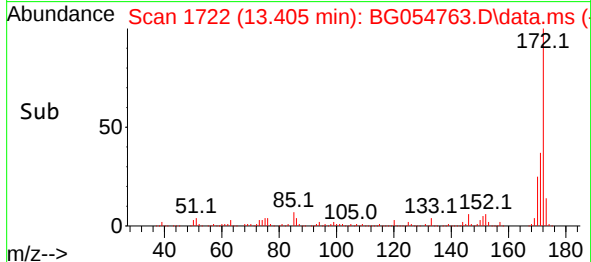
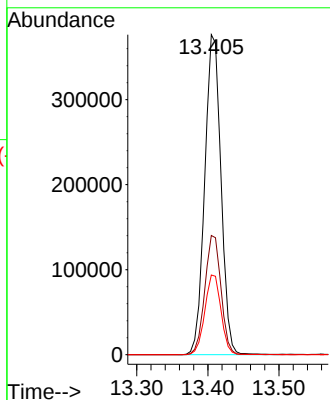
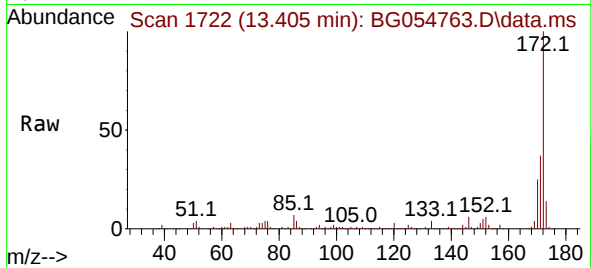




#45
2-Fluorobiphenyl
Concen: 64.511 ng
RT: 13.405 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054763.D
Acq: 26 Aug 2022 20:16

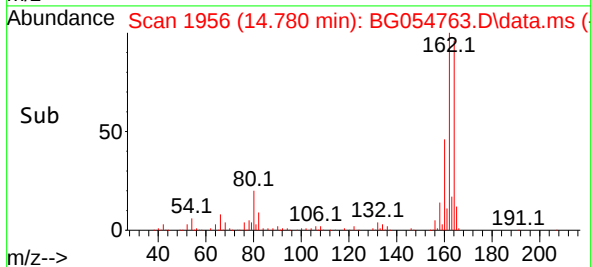
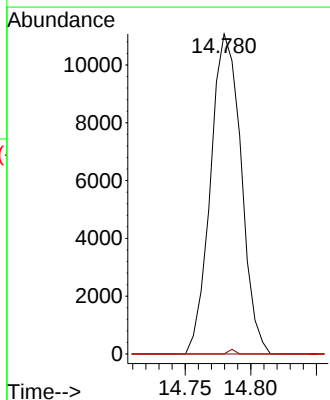
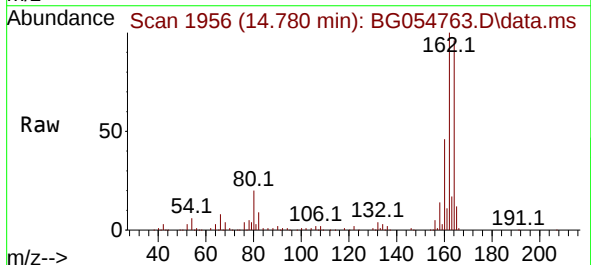
Instrument :
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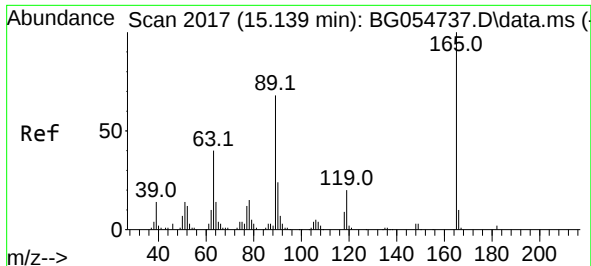
Tgt Ion:172 Resp: 599488
Ion Ratio Lower Upper
172 100
171 37.2 31.2 46.8
170 24.9 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.135 ng
RT: 14.780 min Scan# 1956
Delta R.T. 0.422 min
Lab File: BG054763.D
Acq: 26 Aug 2022 20:16

Tgt Ion:165 Resp: 17905
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#

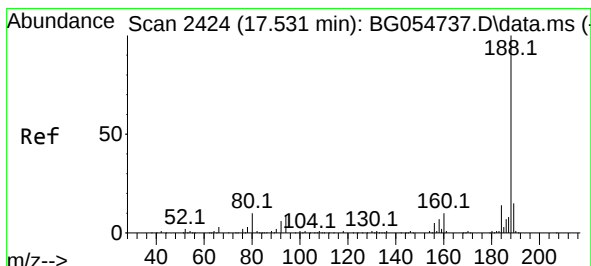
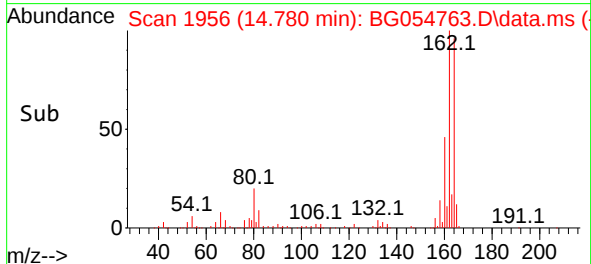
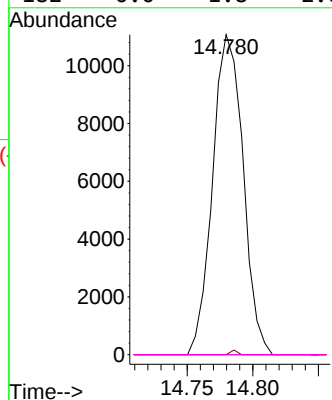
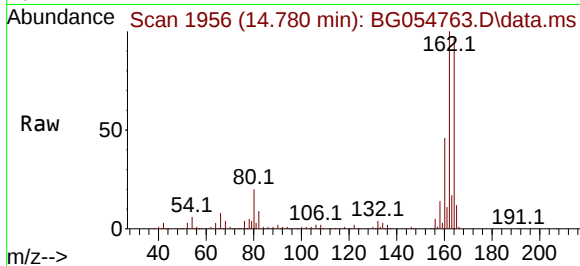




#57
2,4-Dinitrotoluene
Concen: 5.881 ng
RT: 14.780 min Scan# 1956
Delta R.T. -0.360 min
Lab File: BG054763.D
Acq: 26 Aug 2022 20:16

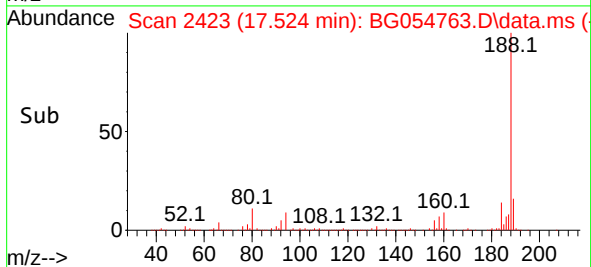
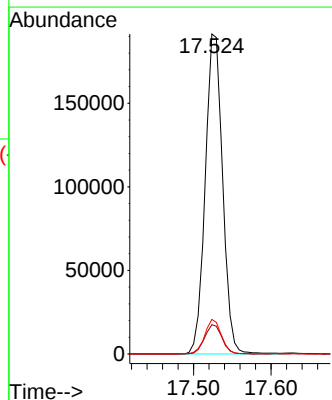
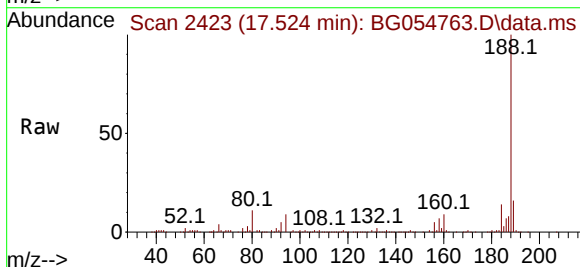
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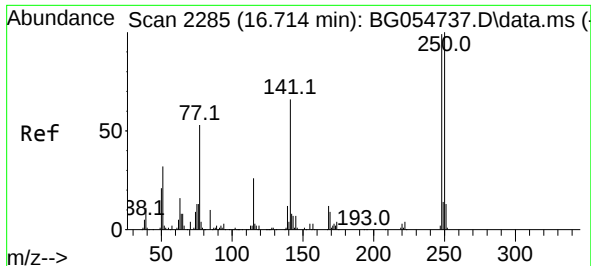
Tgt Ion:165 Resp: 17905
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.524 min Scan# 2423
Delta R.T. -0.007 min
Lab File: BG054763.D
Acq: 26 Aug 2022 20:16

Tgt Ion:188 Resp: 297695
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.4
80 10.8 7.9 11.9

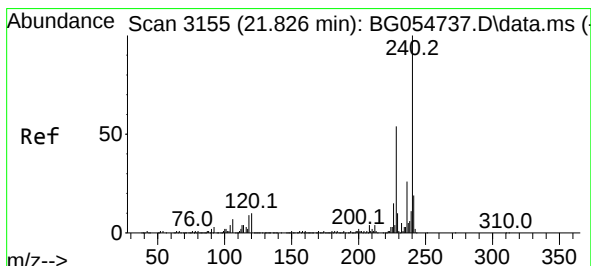
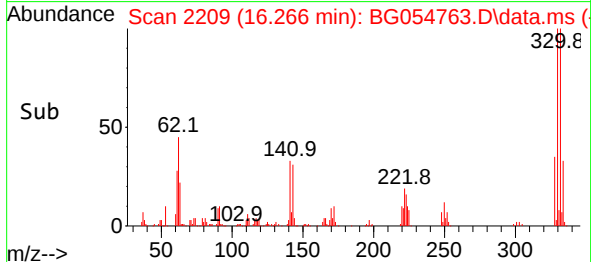
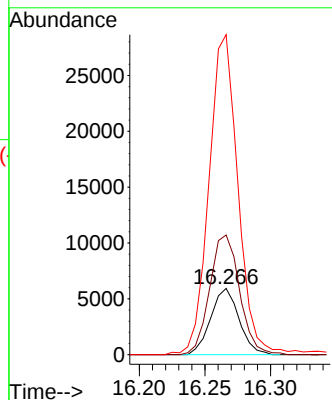
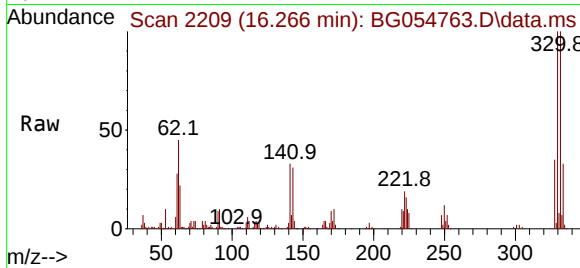




#67
4-Bromophenyl-phenylether
Concen: 2.723 ng
RT: 16.266 min Scan# 211
Delta R.T. -0.448 min
Lab File: BG054763.D
Acq: 26 Aug 2022 20:16

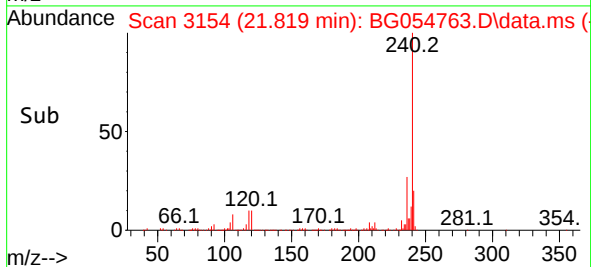
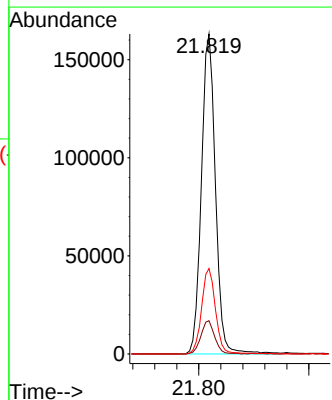
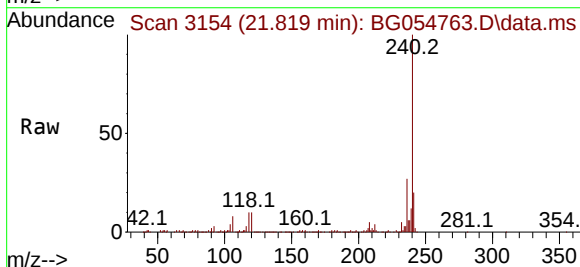
Instrument :
BNA_G
ClientSampleId :
YANNUZZI-PLYMOUTH-PROJECT

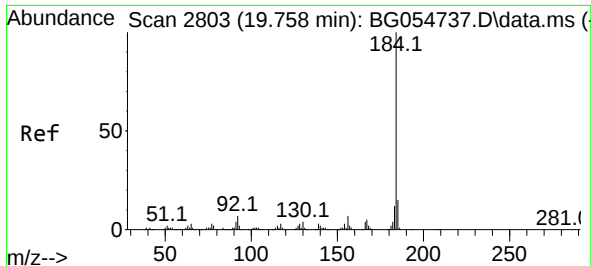
Tgt Ion:248 Resp: 8899
Ion Ratio Lower Upper
248 100
250 180.8 78.8 118.2#
141 483.6 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.819 min Scan# 3154
Delta R.T. -0.007 min
Lab File: BG054763.D
Acq: 26 Aug 2022 20:16

Tgt Ion:240 Resp: 289126
Ion Ratio Lower Upper
240 100
120 10.4 8.2 12.4
236 26.7 21.2 31.8

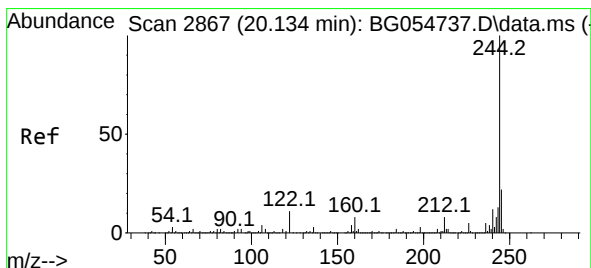
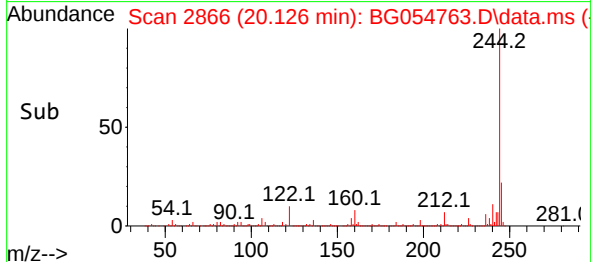
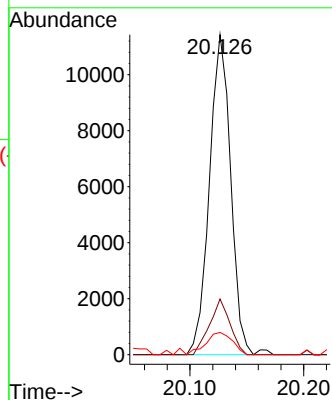
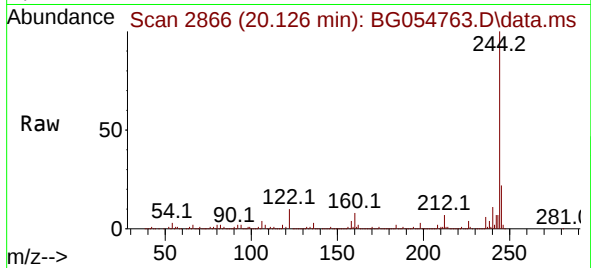




#77
Benzidine
Concen: 2.074 ng
RT: 20.126 min Scan# 21
Delta R.T. 0.369 min
Lab File: BG054763.D
Acq: 26 Aug 2022 20:16

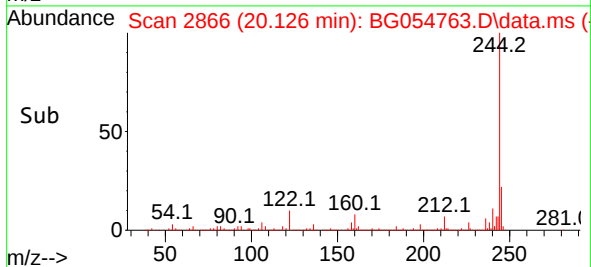
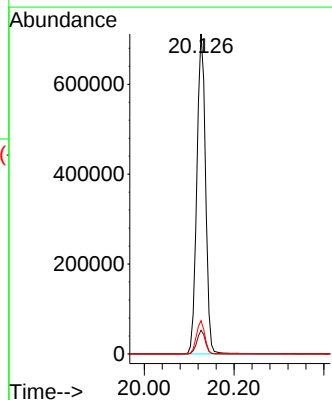
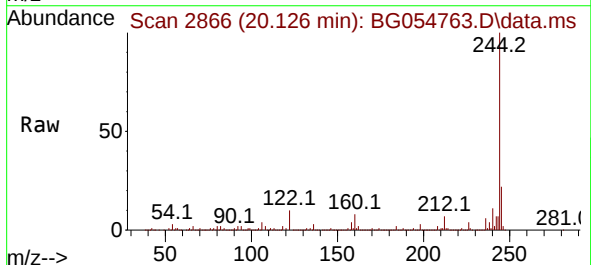
Instrument :
BNA_G
ClientSampleId :
YANNUZZI-PLYMOUTH-PROJECT

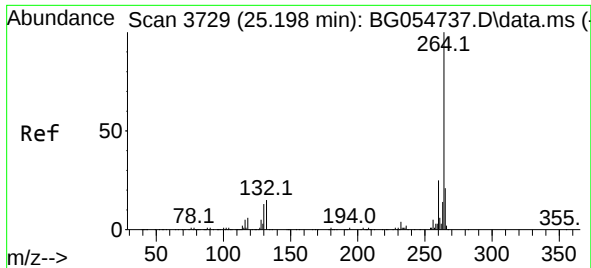
Tgt Ion:184 Resp: 14853
Ion Ratio Lower Upper
184 100
185 17.4 11.4 17.0#
183 7.0 9.8 14.8#



#79
Terphenyl-d14
Concen: 65.836 ng
RT: 20.126 min Scan# 2866
Delta R.T. -0.007 min
Lab File: BG054763.D
Acq: 26 Aug 2022 20:16

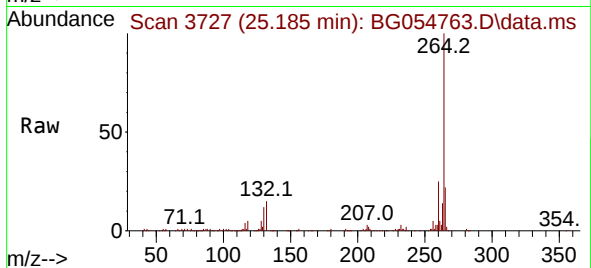
Tgt Ion:244 Resp: 960687
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.2
122 10.4 9.0 13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.185 min Scan# 31
Delta R.T. -0.013 min
Lab File: BG054763.D
Acq: 26 Aug 2022 20:16

Instrument :
BNA_G
ClientSampleId :
YANNUZZI-PLYMOUTH-PROJECT



Tgt Ion:264 Resp: 308207

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.9	29.9
265	21.7	16.9	25.3

