

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012324\
 Data File : BG060406.D
 Acq On : 23 Jan 2024 16:37
 Operator : MA/JU
 Sample : P1199-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EC68-6W

Quant Time: Jan 23 17:09:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

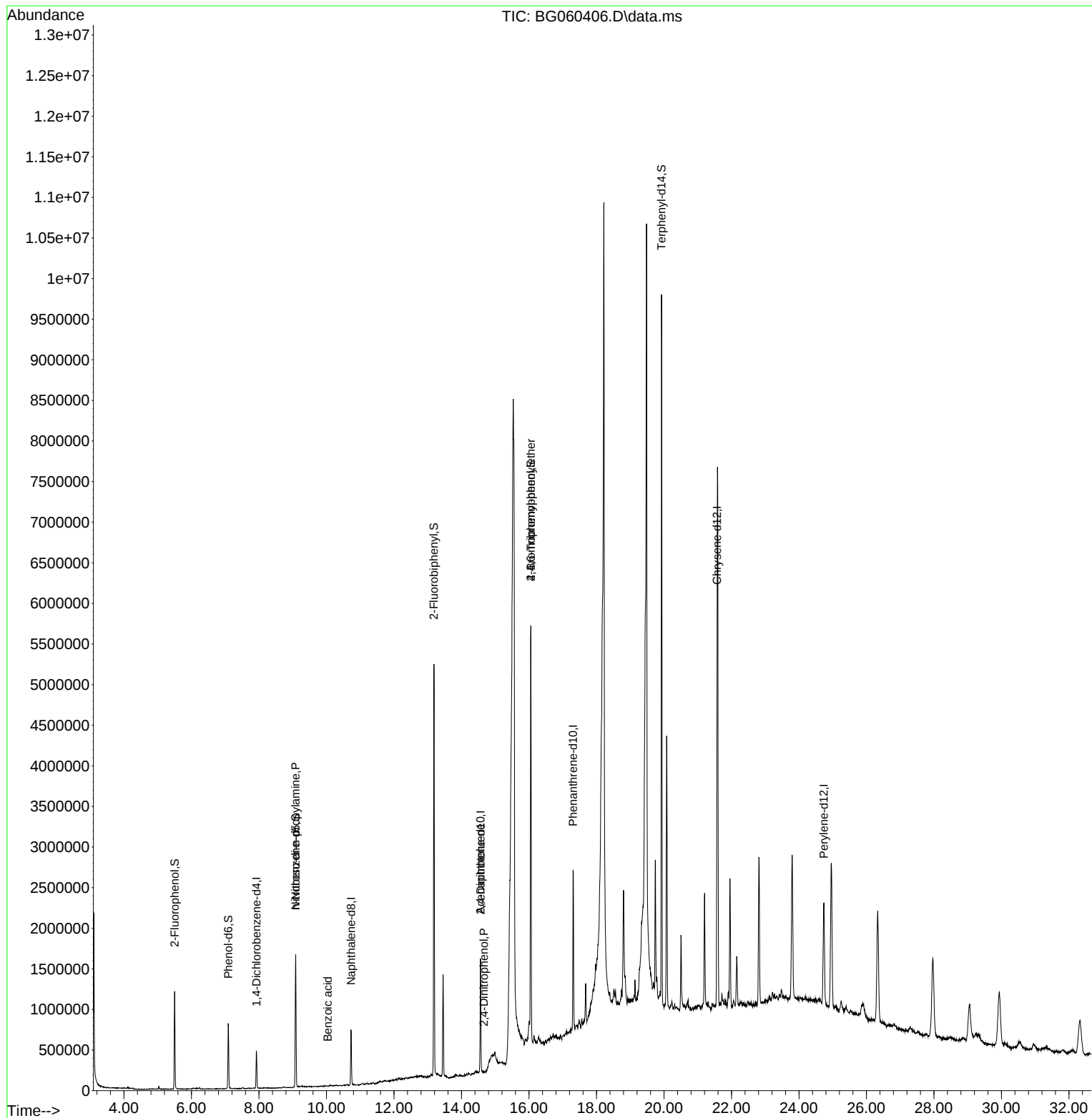
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	147250	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	611739	20.000	ng	0.00
39) Acenaphthene-d10	14.564	164	486838	20.000	ng	0.00
64) Phenanthrene-d10	17.308	188	1365997	20.000	ng	0.00
76) Chrysene-d12	21.574	240	1235464	20.000	ng	0.00
86) Perylene-d12	24.735	264	1422965	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	594691	66.427	ng	0.00
7) Phenol-d6	7.091	99	546979	41.261	ng	0.00
23) Nitrobenzene-d5	9.088	82	1098354	84.782	ng	0.00
42) 2,4,6-Tribromophenol	16.056	330	1170781	163.453	ng	0.00
45) 2-Fluorobiphenyl	13.183	172	2816429	80.432	ng	0.00
79) Terphenyl-d14	19.928	244	4372587	92.094	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.088	70	134227	14.630	ng	# 88
32) Benzoic acid	10.040	122	1679	10.430	ng	# 46
54) 2,4-Dinitrophenol	14.664	184	363	8.654	ng	# 32
57) 2,4-Dinitrotoluene	14.564	165	67417	6.193	ng	# 26
67) 4-Bromophenyl-phenylether	16.056	248	74086	4.936	ng	# 1

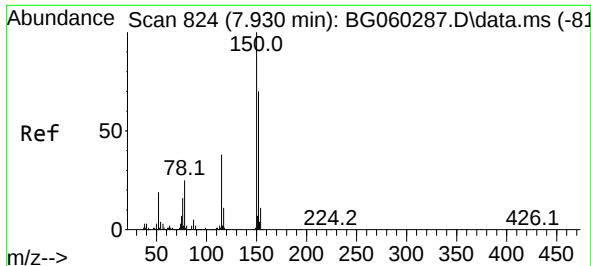
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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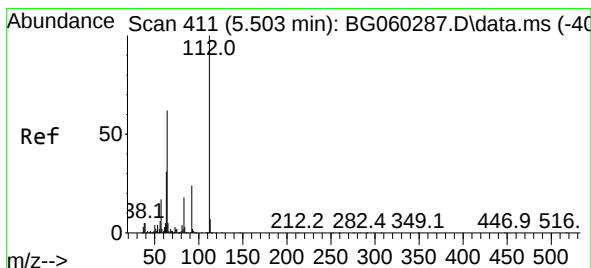
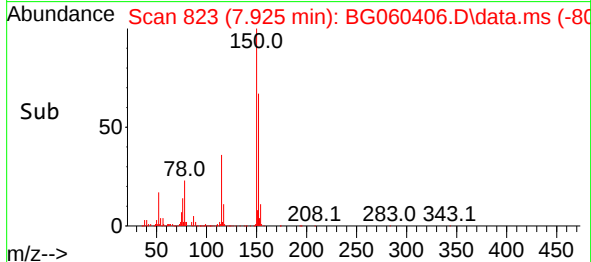
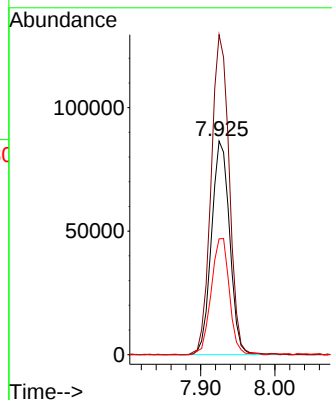
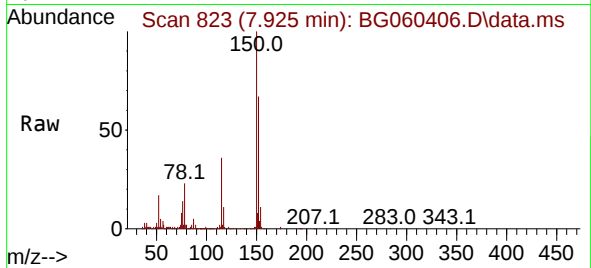




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.925 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG060406.D
Acq: 23 Jan 2024 16:37

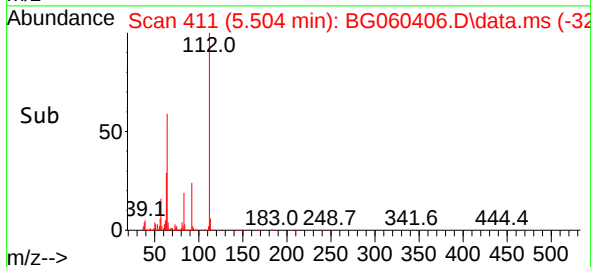
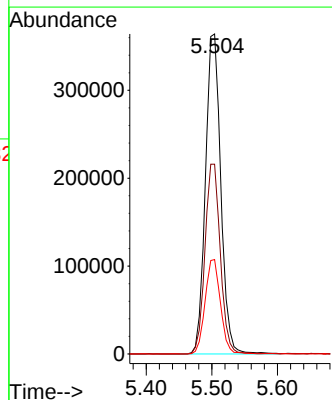
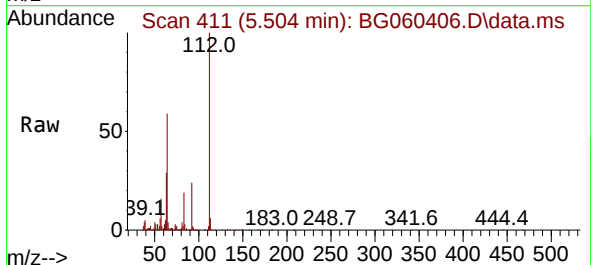
Instrument :
BNA_G
ClientSampleId :
EC68-6W

Tgt Ion:152 Resp: 147250
Ion Ratio Lower Upper
152 100
150 149.8 114.5 171.7
115 54.2 43.0 64.6



#5
2-Fluorophenol
Concen: 66.427 ng
RT: 5.504 min Scan# 411
Delta R.T. 0.001 min
Lab File: BG060406.D
Acq: 23 Jan 2024 16:37

Tgt Ion:112 Resp: 594691
Ion Ratio Lower Upper
112 100
64 59.3 49.8 74.6
63 29.5 24.4 36.6

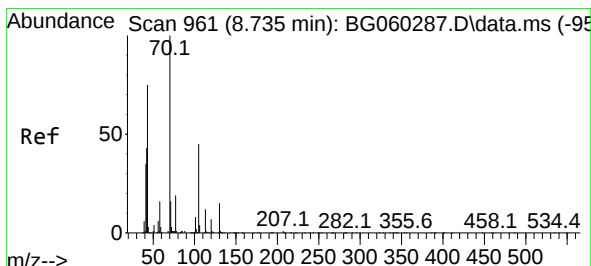
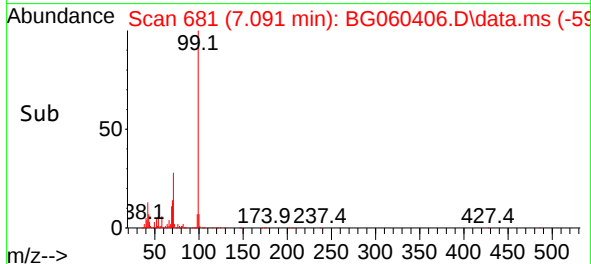
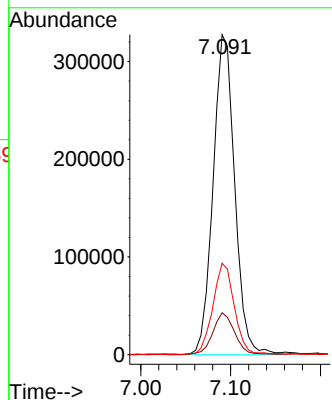
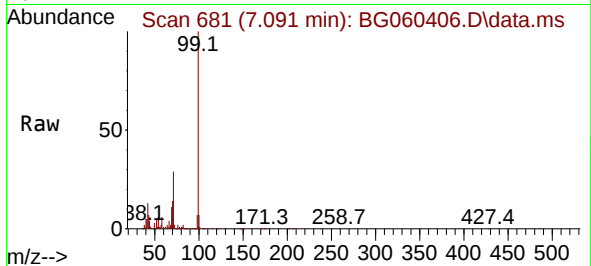




#7
Phenol-d6
Concen: 41.261 ng
RT: 7.091 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG060406.D
Acq: 23 Jan 2024 16:37

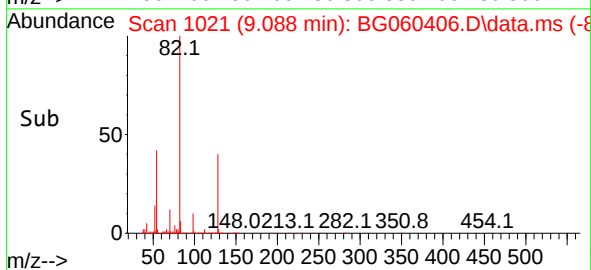
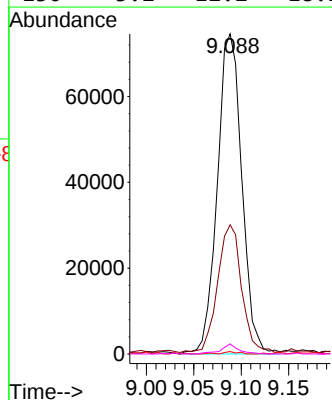
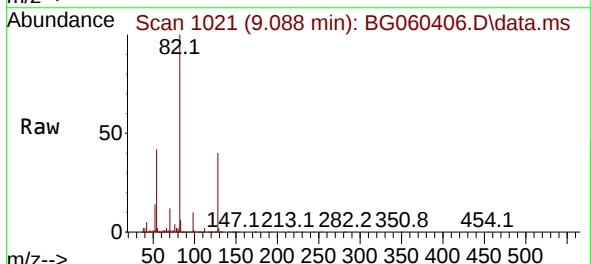
Instrument :
BNA_G
ClientSampleId :
EC68-6W

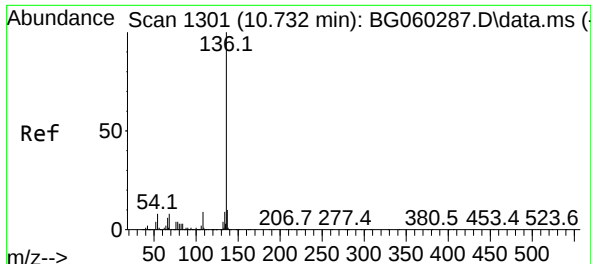
Tgt Ion: 99 Resp: 546979
Ion Ratio Lower Upper
99 100
42 13.1 10.9 16.3
71 28.6 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.630 ng
RT: 9.088 min Scan# 1021
Delta R.T. 0.354 min
Lab File: BG060406.D
Acq: 23 Jan 2024 16:37

Tgt Ion: 70 Resp: 134227
Ion Ratio Lower Upper
70 100
42 40.3 34.3 51.5
101 0.7 6.2 9.2#
130 3.2 12.2 18.2#

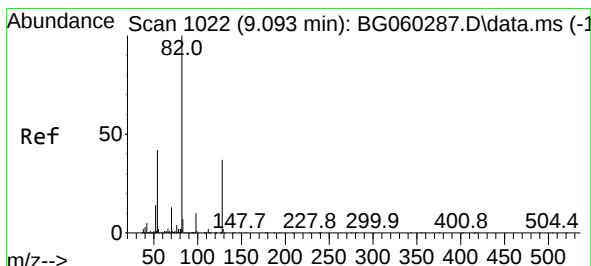
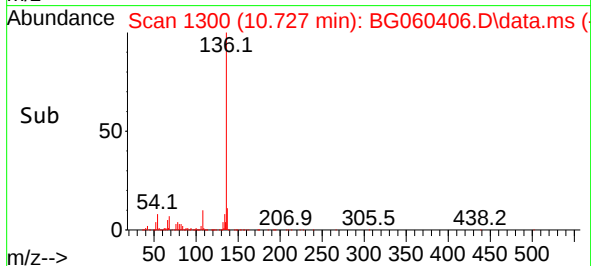
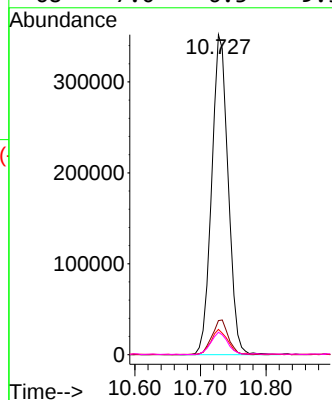
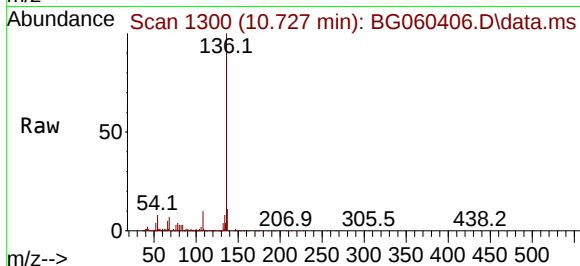




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG060406.D
Acq: 23 Jan 2024 16:37

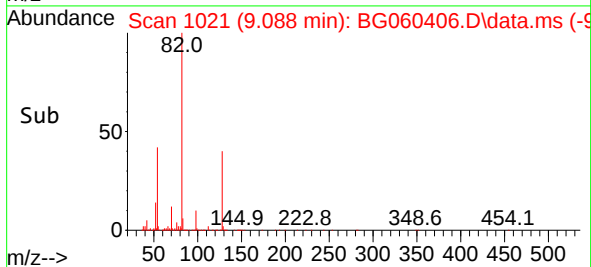
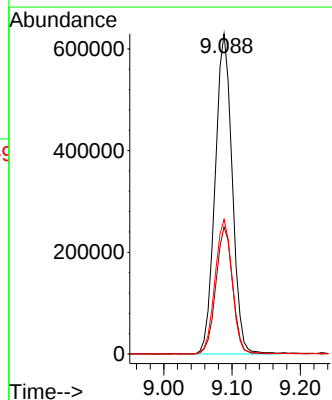
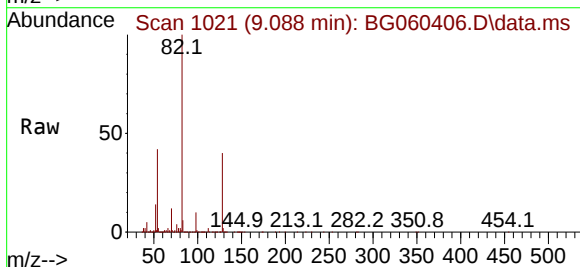
Instrument :
BNA_G
ClientSampleId :
EC68-6W

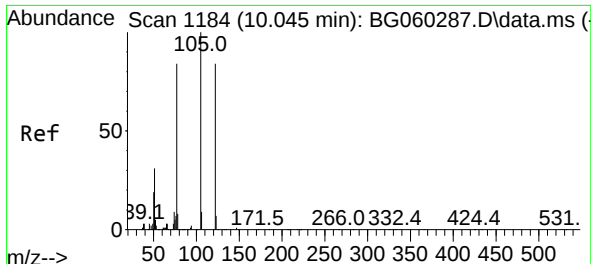
Tgt Ion:	136	Resp:	611739
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.2	12.4
54	7.9	6.2	9.2
68	7.0	6.3	9.5



#23
Nitrobenzene-d5
Concen: 84.782 ng
RT: 9.088 min Scan# 1021
Delta R.T. -0.005 min
Lab File: BG060406.D
Acq: 23 Jan 2024 16:37

Tgt Ion:	82	Resp:	1098354
Ion Ratio	Lower	Upper	
82	100		
128	39.6	29.6	44.4
54	42.0	33.6	50.4

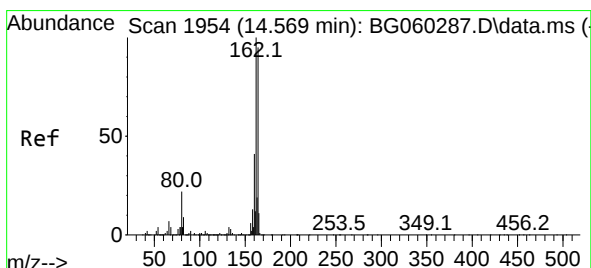
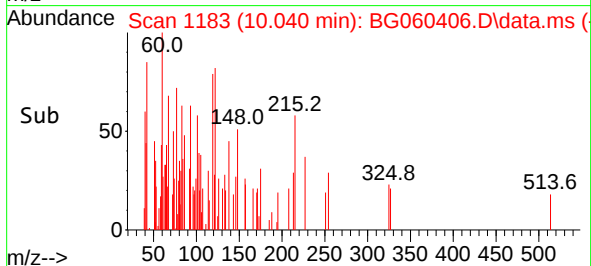
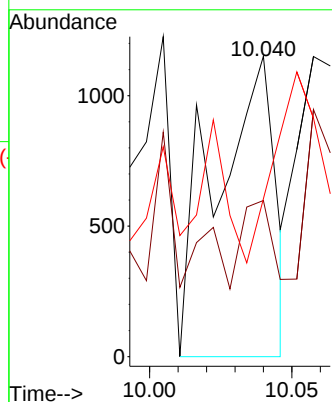
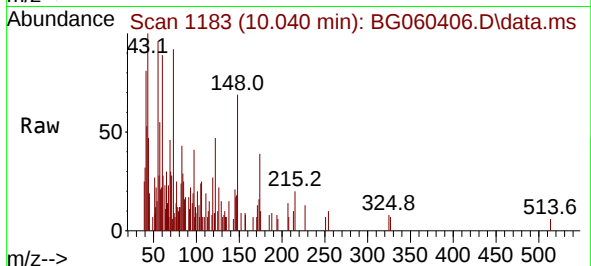




#32
Benzoic acid
Concen: 10.430 ng
RT: 10.040 min Scan# 1184
Delta R.T. -0.005 min
Lab File: BG060406.D
Acq: 23 Jan 2024 16:37

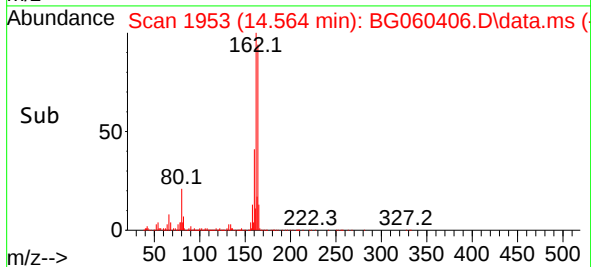
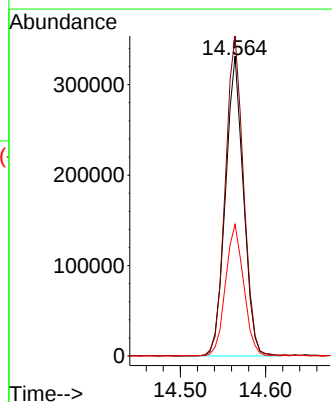
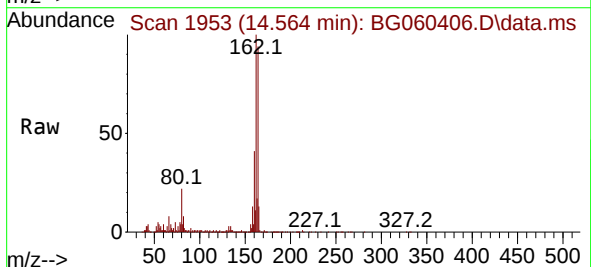
Instrument :
BNA_G
ClientSampleId :
EC68-6W

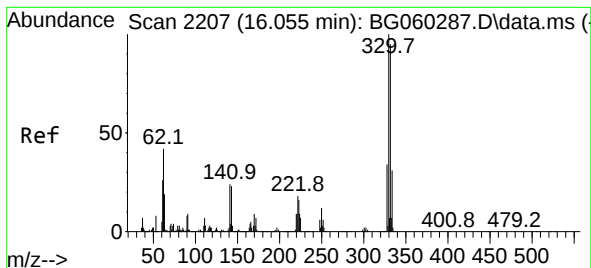
Tgt Ion:122 Resp: 1679
Ion Ratio Lower Upper
122 100
105 52.0 96.0 136.0#
77 52.6 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.564 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BG060406.D
Acq: 23 Jan 2024 16:37

Tgt Ion:164 Resp: 486838
Ion Ratio Lower Upper
164 100
162 106.7 84.4 126.6
160 43.9 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 163.453 ng

RT: 16.056 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG060406.D

Acq: 23 Jan 2024 16:37

Instrument :

BNA_G

ClientSampleId :

EC68-6W

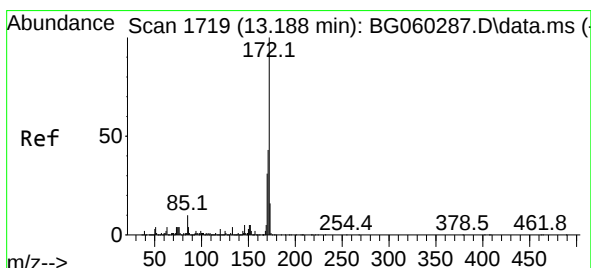
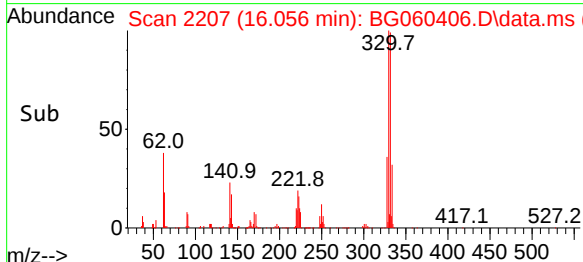
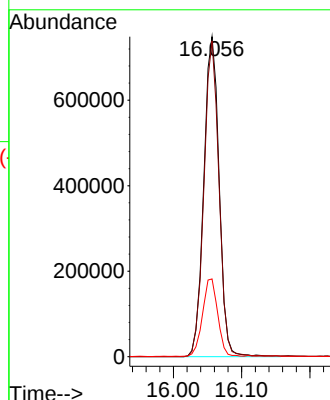
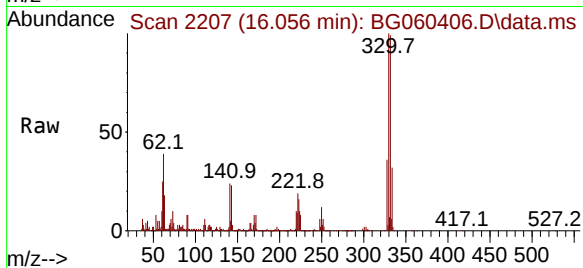
Tgt Ion:330 Resp: 1170781

Ion Ratio Lower Upper

330 100

332 96.6 76.7 115.1

141 24.1 18.6 28.0



#45

2-Fluorobiphenyl

Concen: 80.432 ng

RT: 13.183 min Scan# 1718

Delta R.T. -0.005 min

Lab File: BG060406.D

Acq: 23 Jan 2024 16:37

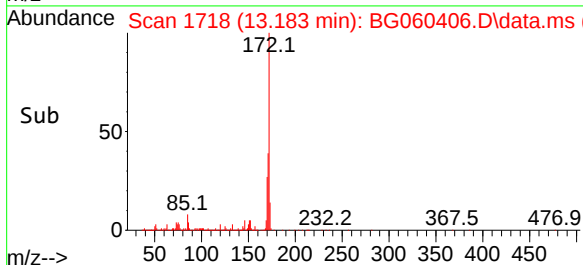
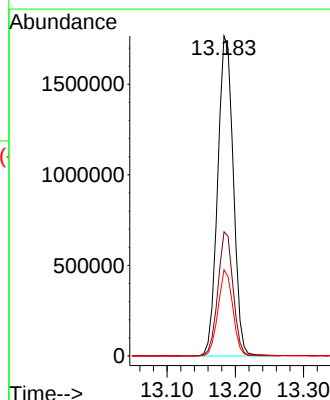
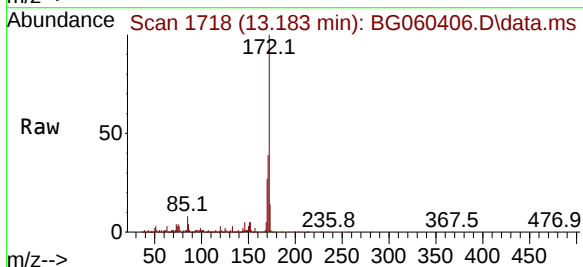
Tgt Ion:172 Resp: 2816429

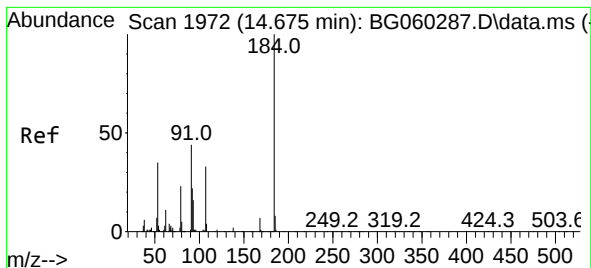
Ion Ratio Lower Upper

172 100

171 38.8 34.6 51.8

170 26.9 24.4 36.6





#54

2,4-Dinitrophenol

Concen: 8.654 ng

RT: 14.664 min Scan# 1972

Delta R.T. -0.011 min

Lab File: BG060406.D

Acq: 23 Jan 2024 16:37

Instrument :

BNA_G

ClientSampleId :

EC68-6W

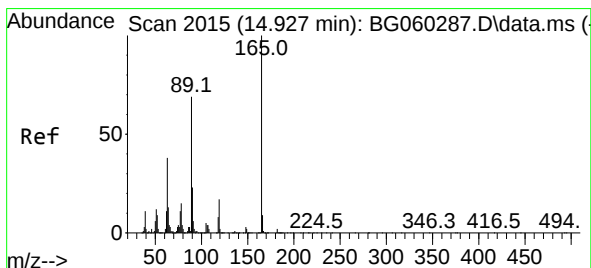
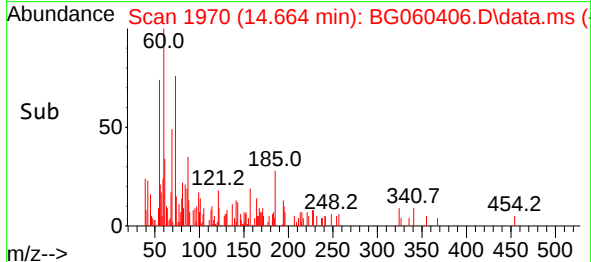
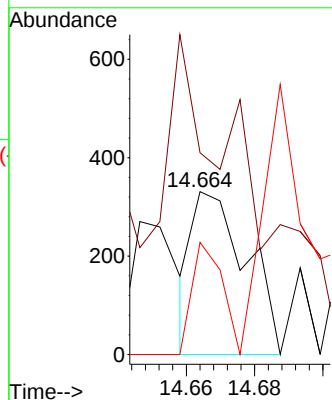
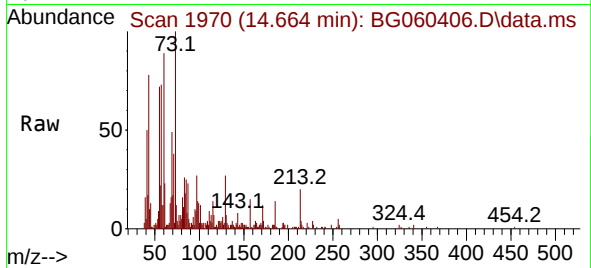
Tgt Ion:184 Resp: 363

Ion Ratio Lower Upper

184 100

63 123.9 41.0 61.4#

154 68.9 39.2 58.8#



#57

2,4-Dinitrotoluene

Concen: 6.193 ng

RT: 14.564 min Scan# 1953

Delta R.T. -0.363 min

Lab File: BG060406.D

Acq: 23 Jan 2024 16:37

Tgt Ion:165 Resp: 67417

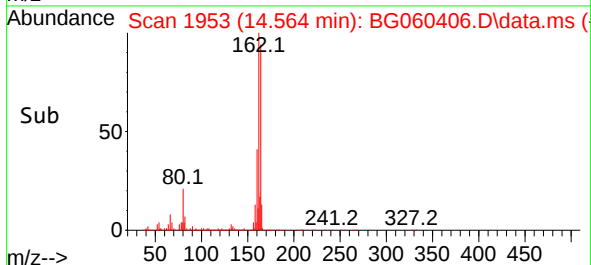
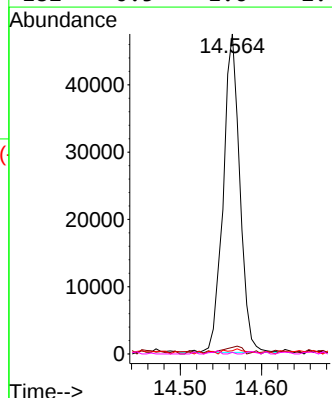
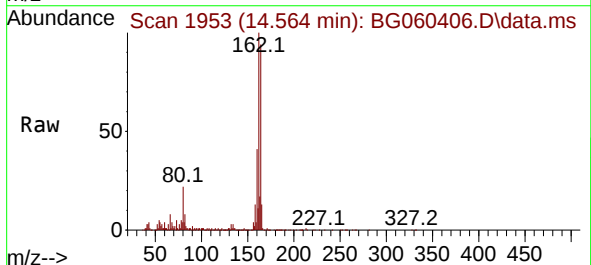
Ion Ratio Lower Upper

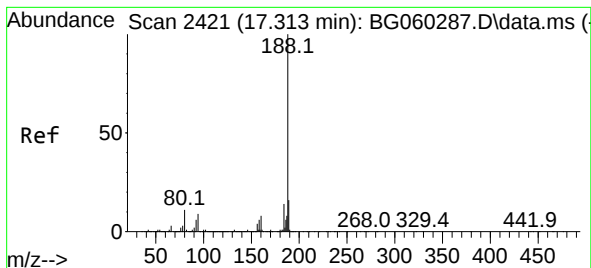
165 100

63 2.0 30.4 45.6#

89 1.0 55.4 83.0#

182 0.5 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.308 min Scan# 24

Delta R.T. -0.005 min

Lab File: BG060406.D

Acq: 23 Jan 2024 16:37

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EC68-6W

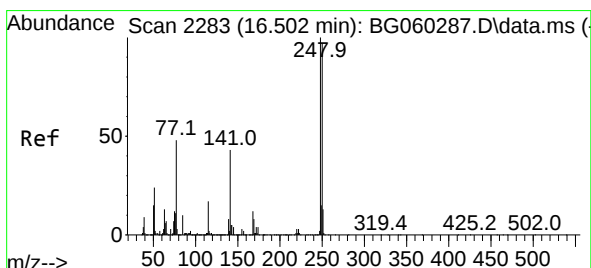
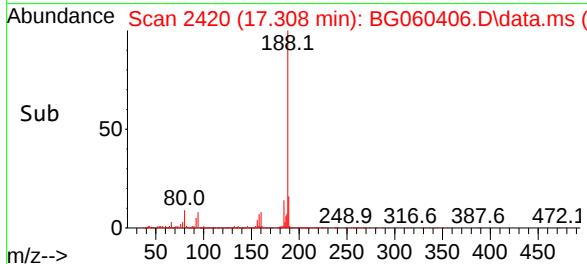
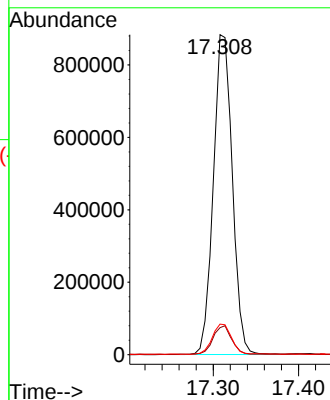
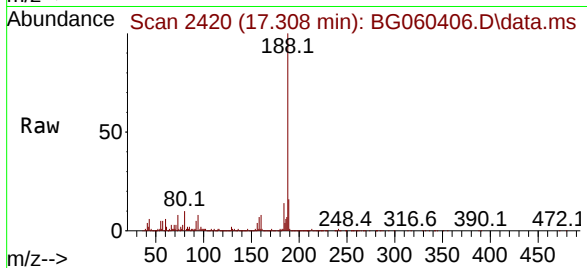
Tgt Ion:188 Resp: 1365997

Ion Ratio Lower Upper

188 100

94 8.5 7.1 10.7

80 9.6 8.5 12.7



#67

4-Bromophenyl-phenylether

Concen: 4.936 ng

RT: 16.056 min Scan# 2207

Delta R.T. -0.445 min

Lab File: BG060406.D

Acq: 23 Jan 2024 16:37

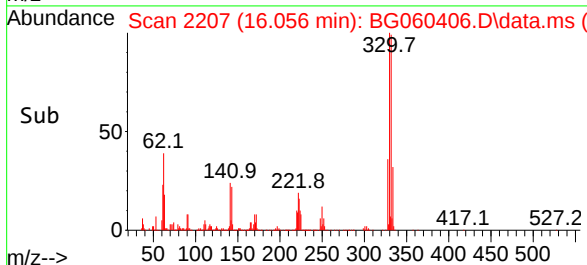
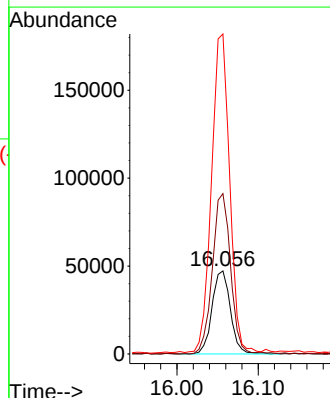
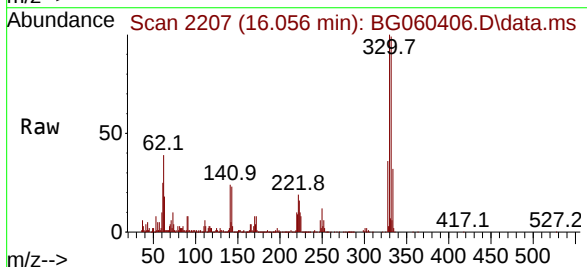
Tgt Ion:248 Resp: 74086

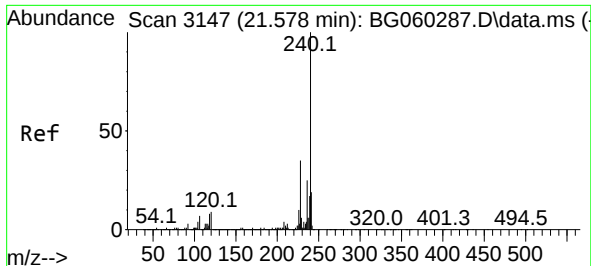
Ion Ratio Lower Upper

248 100

250 193.1 77.6 116.4#

141 385.2 34.2 51.4#

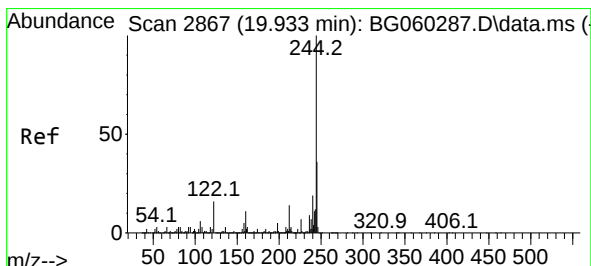
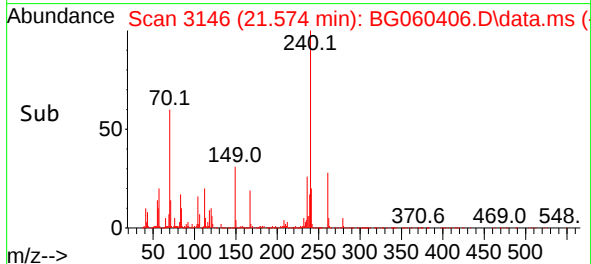
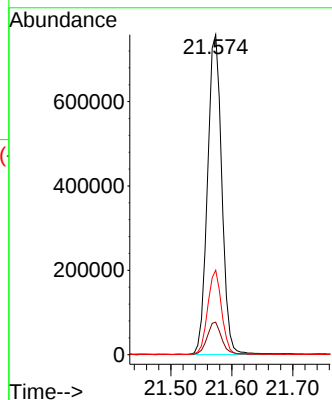
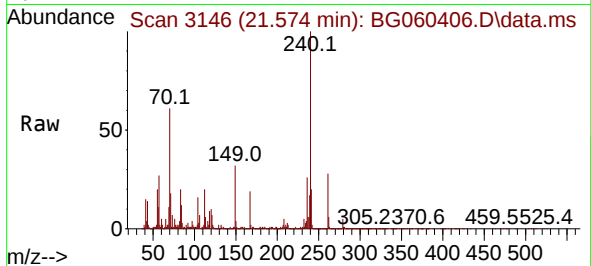




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG060406.D
Acq: 23 Jan 2024 16:37

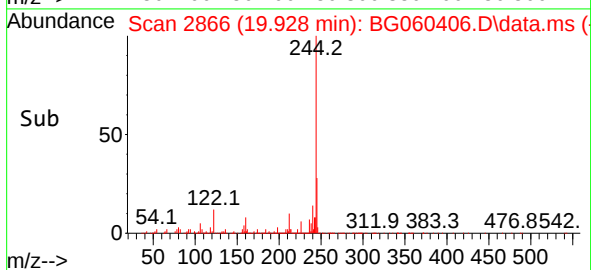
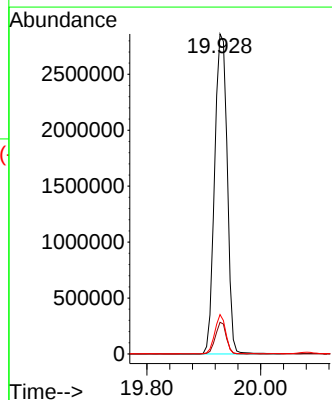
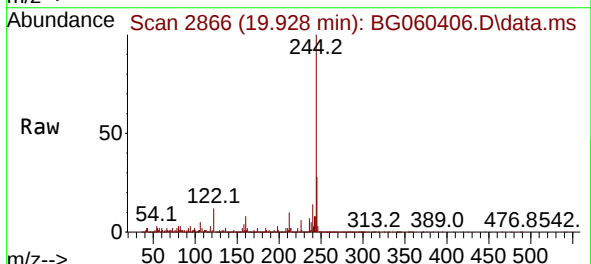
Instrument :
BNA_G
ClientSampleId :
EC68-6W

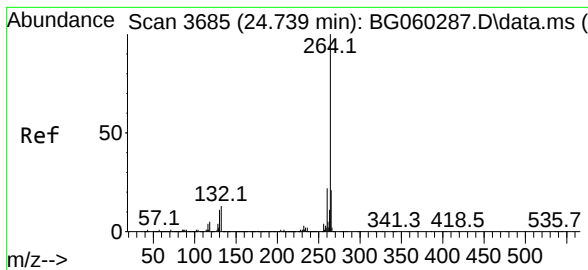
Tgt Ion:240 Resp: 1235464
Ion Ratio Lower Upper
240 100
120 10.1 7.3 10.9
236 26.4 20.3 30.5



#79
Terphenyl-d14
Concen: 92.094 ng
RT: 19.928 min Scan# 2866
Delta R.T. -0.005 min
Lab File: BG060406.D
Acq: 23 Jan 2024 16:37

Tgt Ion:244 Resp: 4372587
Ion Ratio Lower Upper
244 100
212 9.9 10.9 16.3#
122 12.3 12.6 18.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.735 min Scan# 30
 Delta R.T. -0.005 min
 Lab File: BG060406.D
 Acq: 23 Jan 2024 16:37

Instrument :
 BNA_G
 ClientSampleId :
 EC68-6W

Tgt Ion:264 Resp: 1422965

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.8	26.6
265	22.6	16.8	25.2

