

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
 Data File : BG043276.D
 Acq On : 18 Oct 2019 00:08
 Operator : JU
 Sample : K5358-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190897-AMENDED-COMP-KM-CA

Quant Time: Oct 18 12:23:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

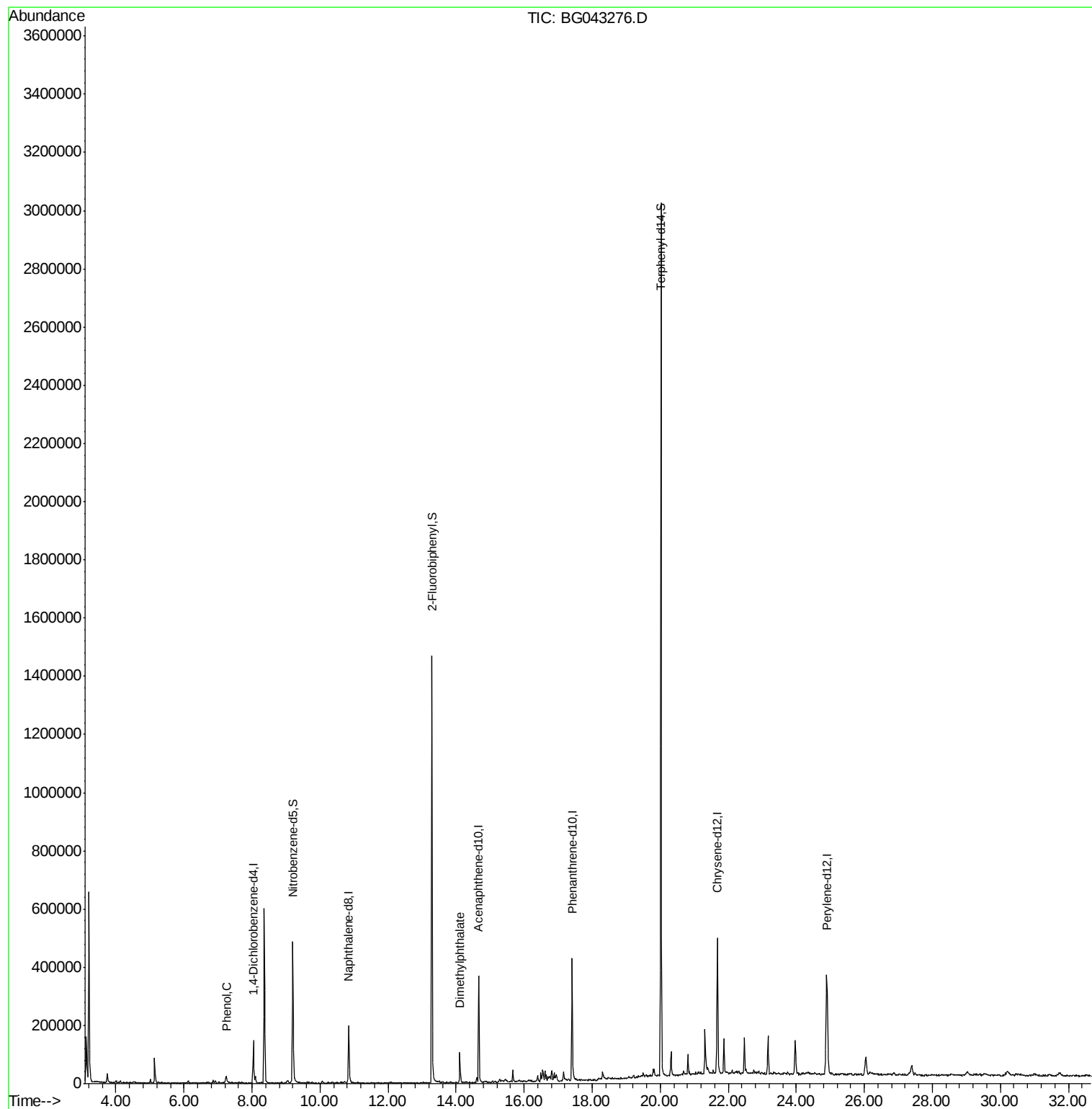
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	49155	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	192783	20.00	ng	-0.02
39) Acenaphthene-d10	14.66	164	136937	20.00	ng	-0.02
64) Phenanthrene-d10	17.41	188	296135	20.00	ng	0.00
76) Chrysene-d12	21.68	240	313671	20.00	ng	0.00
87) Perylene-d12	24.90	264	373957	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	59	0.02	ng	0.00
7) Phenol-d6	7.22	99	3390	0.85	ng	-0.01
23) Nitrobenzene-d5	9.20	82	328443	82.81	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	124	0.05	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	854524	90.47	ng	-0.02
79) Terphenyl-d14	20.02	244	1545945	105.02	ng	0.00
Target Compounds						
10) Phenol	7.25	94	13094	3.598	ng	84
50) Dimethylphthalate	14.12	163	78160	7.618	ng	97

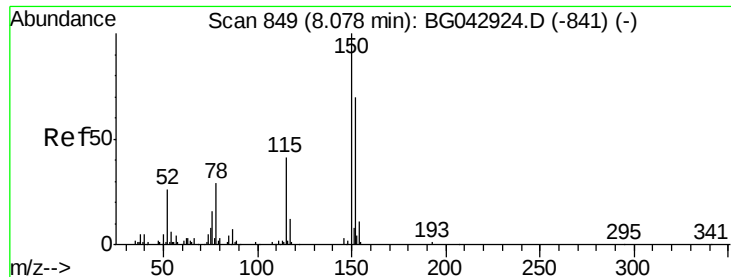
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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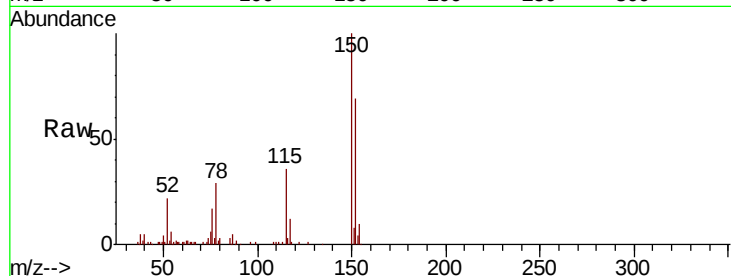


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG043276.D
Acq: 18 Oct 2019 00:08

Instrument :
BNA_G
ClientSampleId :
20190897-AMENDED-COMP-KM-CA

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.6	115.0	172.4
115	52.0	47.0	70.6

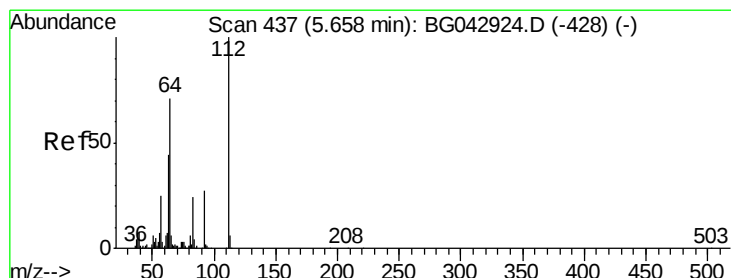
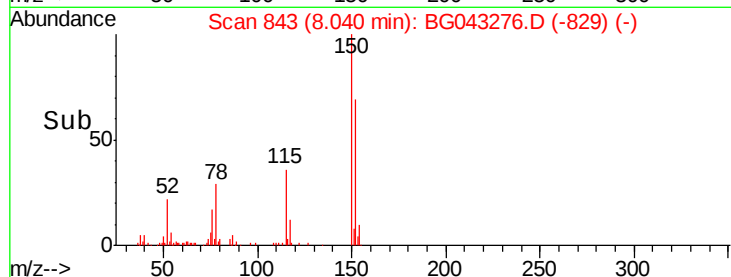
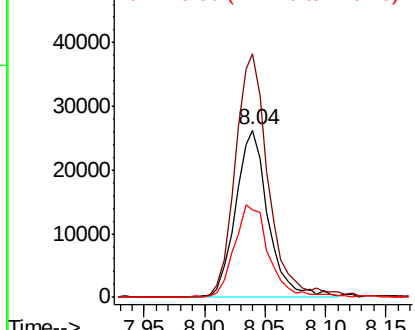


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

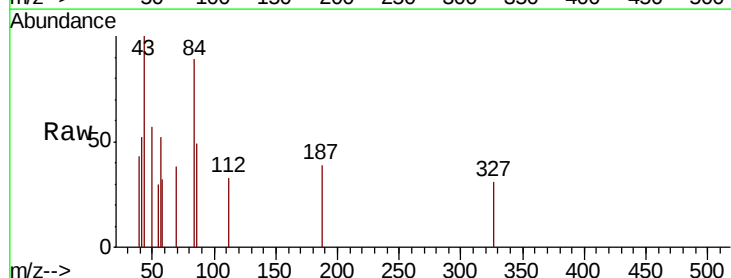
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 0.021 ng
RT: 5.63 min Scan# 433
Delta R.T. -0.01 min
Lab File: BG043276.D
Acq: 18 Oct 2019 00:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	0.0	56.6	84.8#
63	0.0	35.1	52.7#

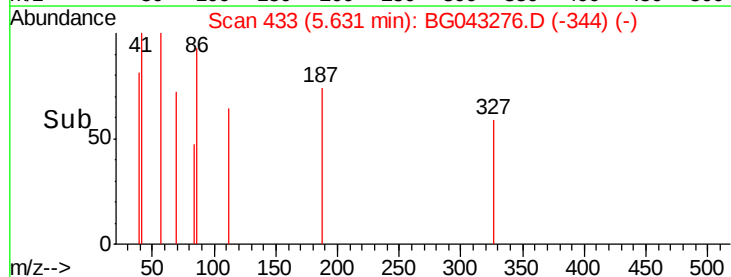
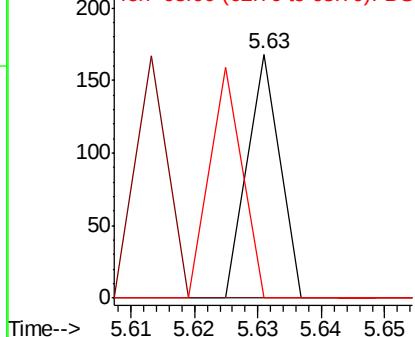


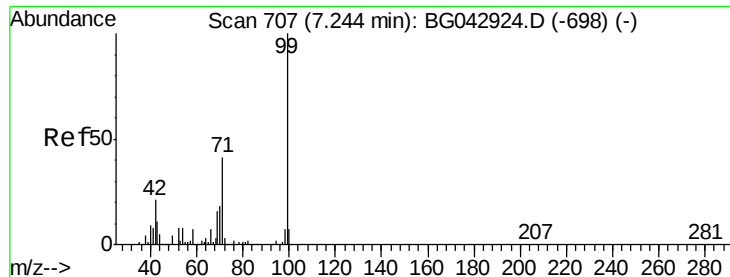
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 0.855 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG043276.D

Acq: 18 Oct 2019 00:08

Instrument :

BNA_G

ClientSampleId :

20190897-AMENDED-COMP-KM-CA

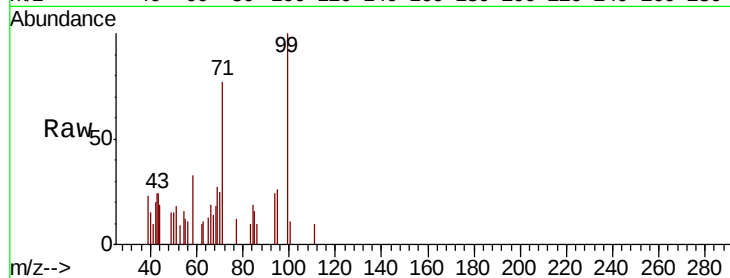
Tot Ion: 99 Resp: 3390

Ion Ratio Lower Upper

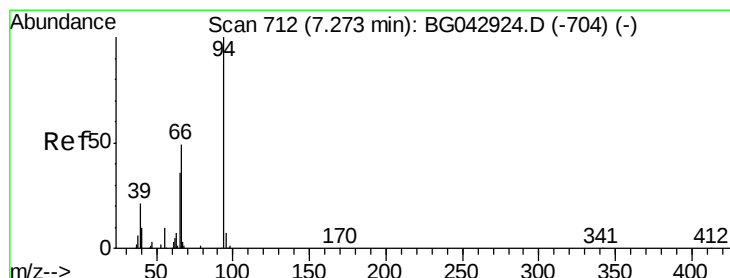
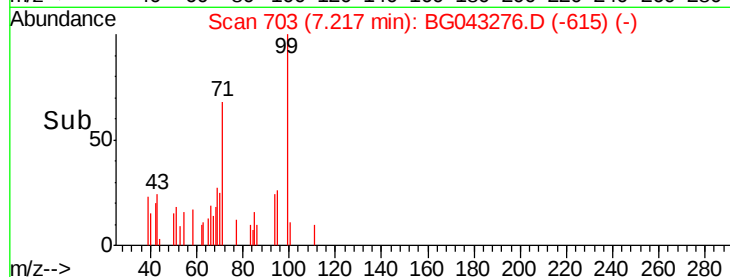
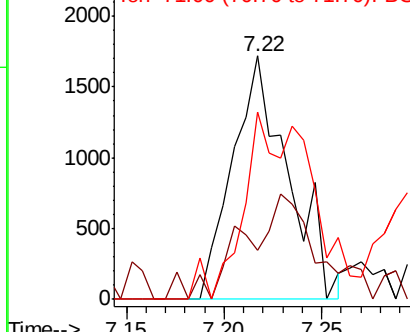
99 100

42 19.9 17.2 25.8

71 77.0 33.1 49.7#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 3.598 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG043276.D

Acq: 18 Oct 2019 00:08

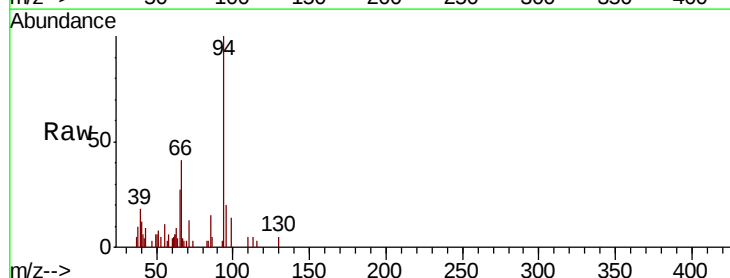
Tgt Ion: 94 Resp: 13094

Ion Ratio Lower Upper

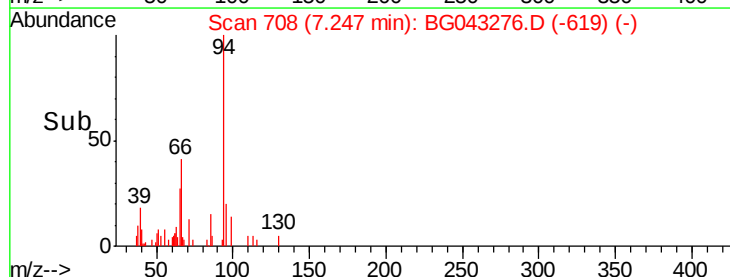
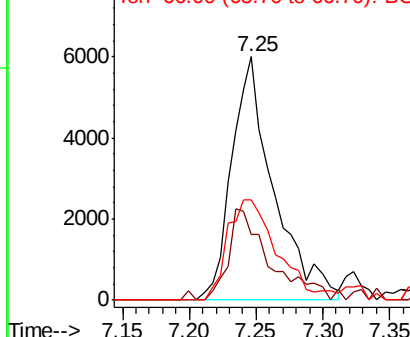
94 100

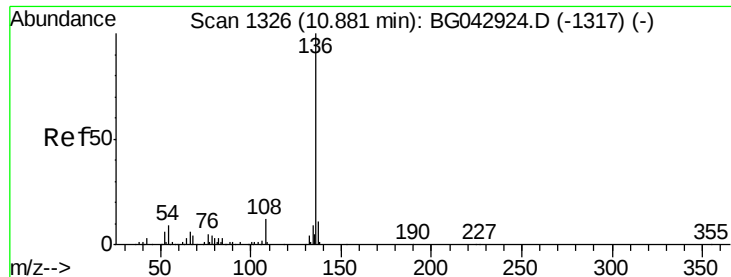
65 27.2 16.6 56.6

66 40.9 32.4 72.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

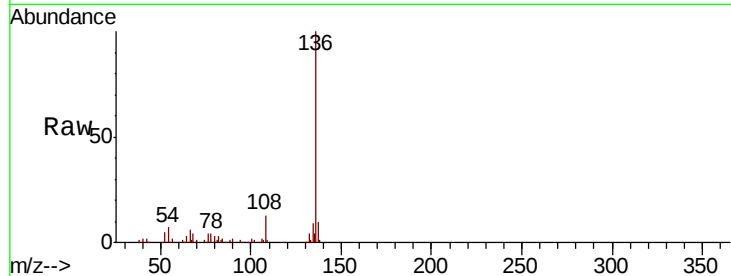




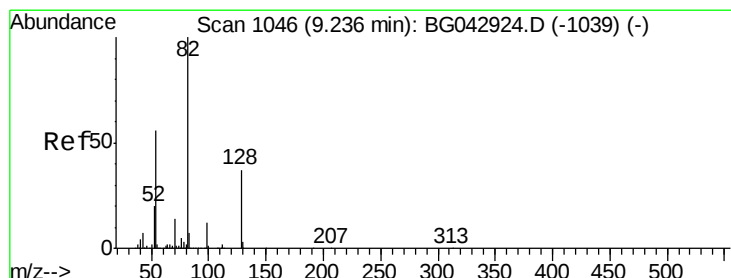
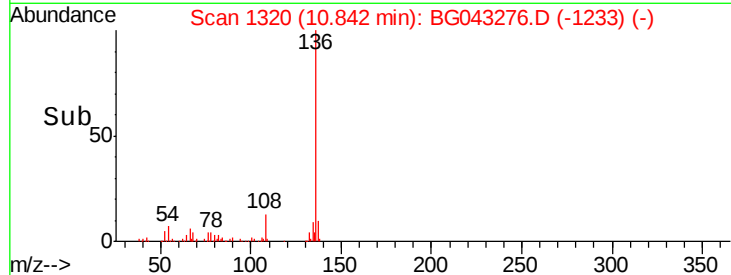
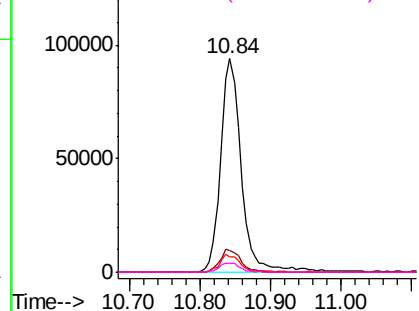
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG043276.D
Acq: 18 Oct 2019 00:08

Instrument :
BNA_G
ClientSampleId :
20190897-AMENDED-COMP-KM-CA

Tot Ion:136	Resp:	192783
Ion Ratio	Lower	Upper
136 100		
137 10.1	8.5	12.7
54 7.3	7.4	11.2#
68 3.9	3.6	5.4

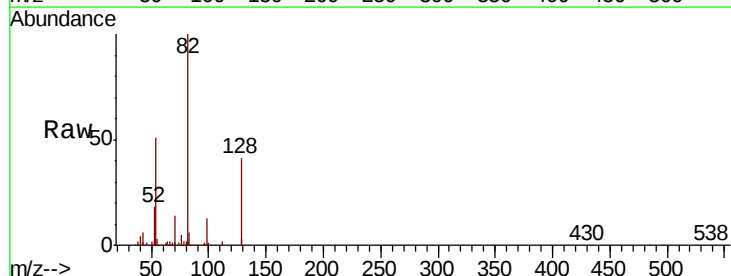


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

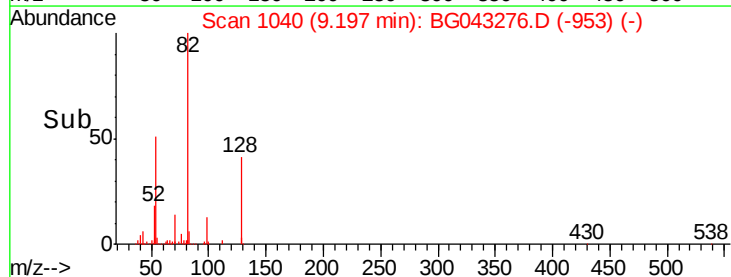
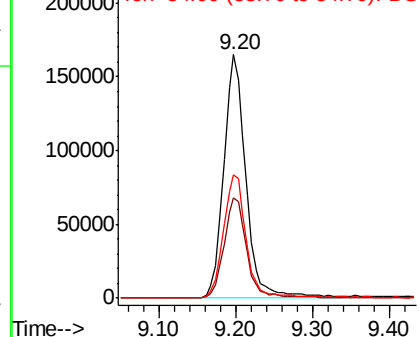


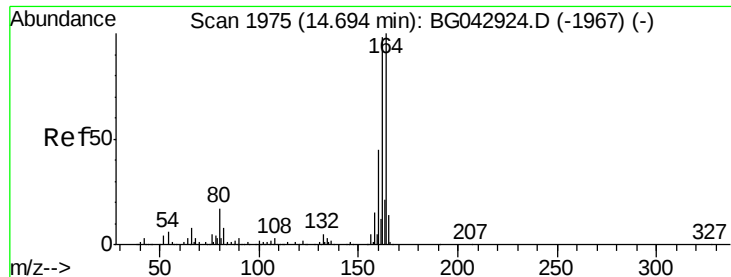
#23
Nitrobenzene-d5
Concen: 82.808 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BG043276.D
Acq: 18 Oct 2019 00:08

Tgt Ion: 82	Resp: 328443
Ion Ratio	Lower Upper
82 100	
128 41.4	29.5 44.3
54 50.7	44.6 67.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.02 min

Lab File: BG043276.D

Acq: 18 Oct 2019 00:08

Instrument :

BNA_G

ClientSampleId :

20190897-AMENDED-COMP-KM-CA

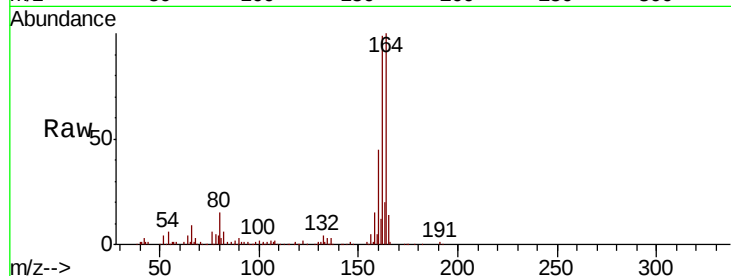
Tot Ion:164 Resp: 136937

Ion Ratio Lower Upper

164 100

162 98.7 78.5 117.7

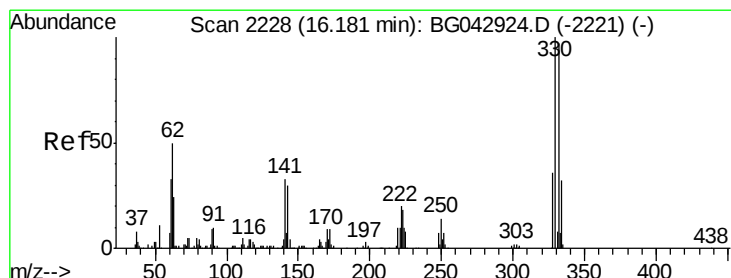
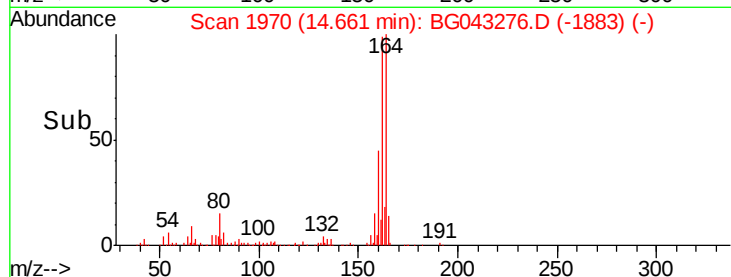
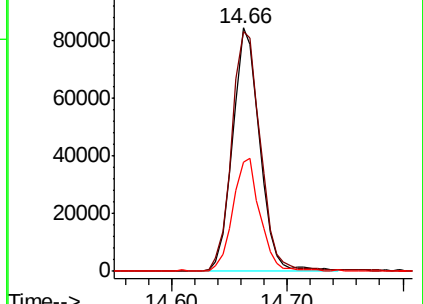
160 45.0 35.9 53.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 0.053 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.02 min

Lab File: BG043276.D

Acq: 18 Oct 2019 00:08

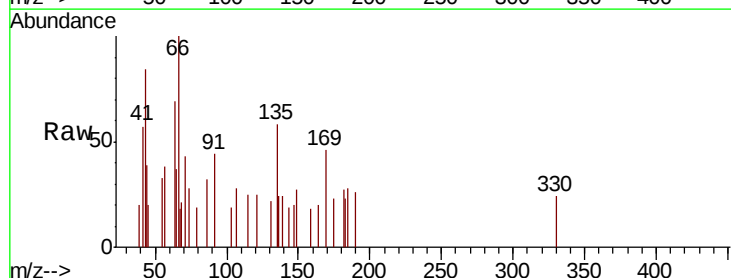
Tgt Ion:330 Resp: 124

Ion Ratio Lower Upper

330 100

332 0.0 78.2 117.2#

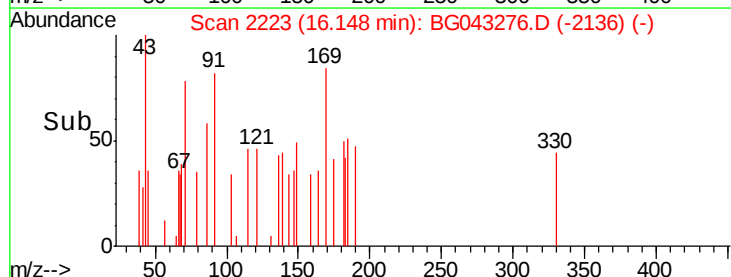
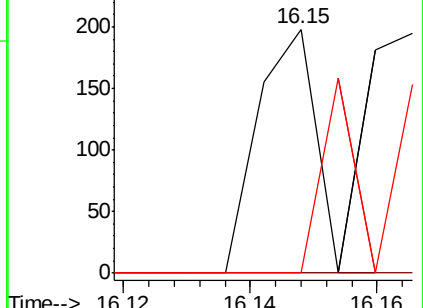
141 45.2 26.0 39.0#

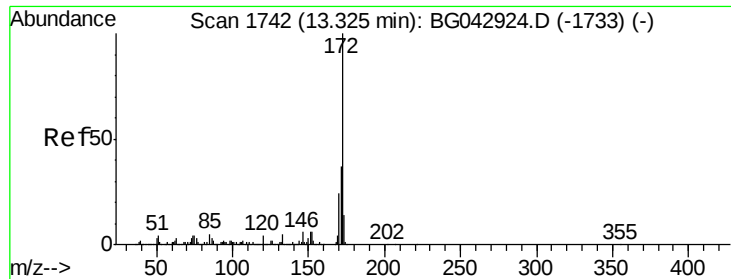


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

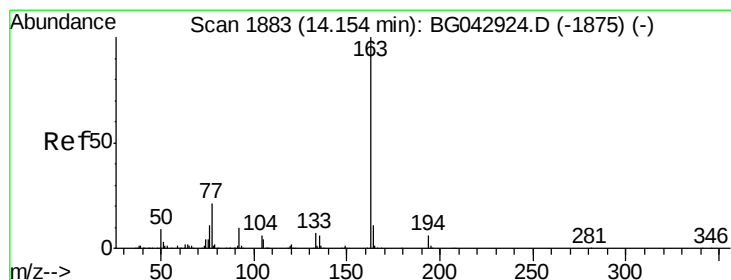
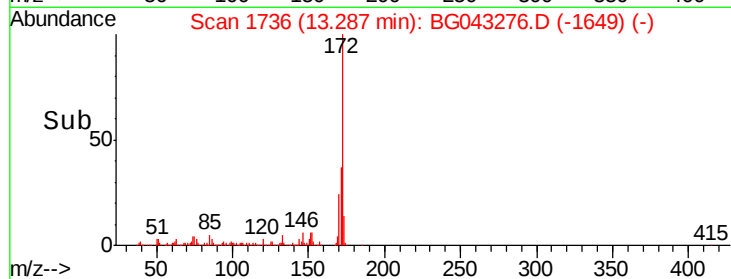
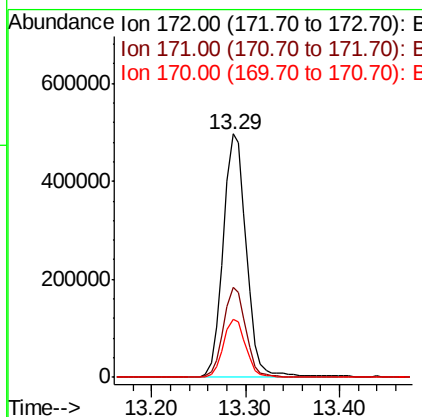
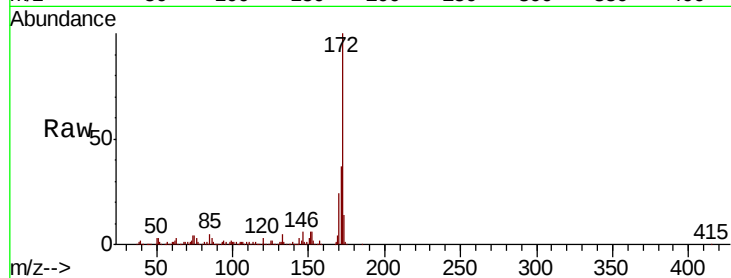




#45
 2-Fluorobiphenyl
 Concen: 90.465 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.02 min
 Lab File: BG043276.D
 Acq: 18 Oct 2019 00:08

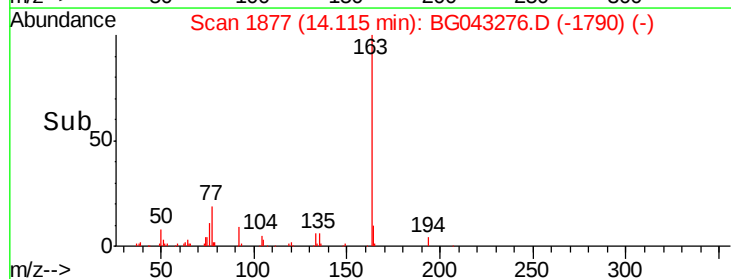
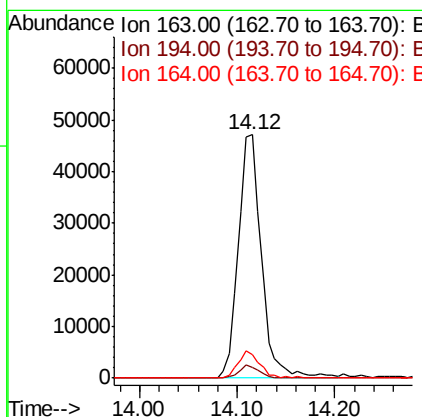
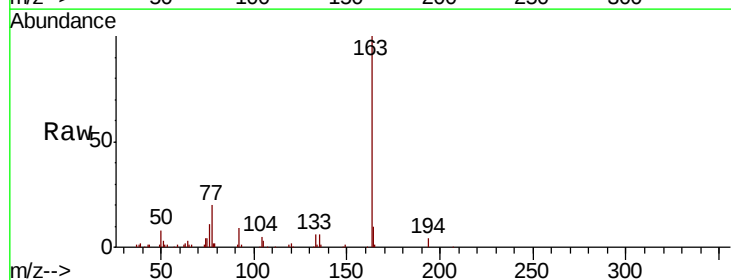
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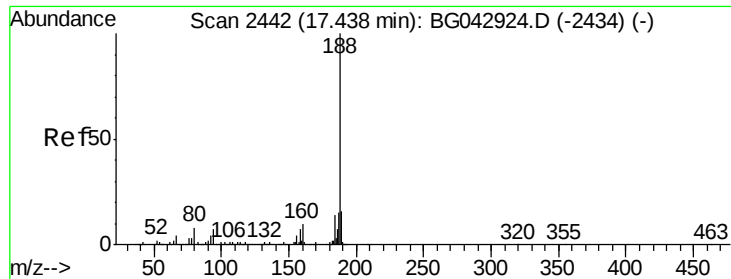
Tot Ion:172 Resp: 854524
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.6 44.4
 170 23.7 19.6 29.4



#50
 Dimethylphthalate
 Concen: 7.618 ng
 RT: 14.12 min Scan# 1877
 Delta R.T. -0.02 min
 Lab File: BG043276.D
 Acq: 18 Oct 2019 00:08

Tgt Ion:163 Resp: 78160
 Ion Ratio Lower Upper
 163 100
 194 4.5 4.4 6.6
 164 9.7 8.6 12.8

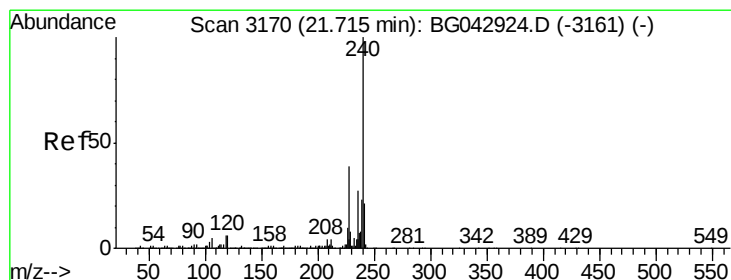
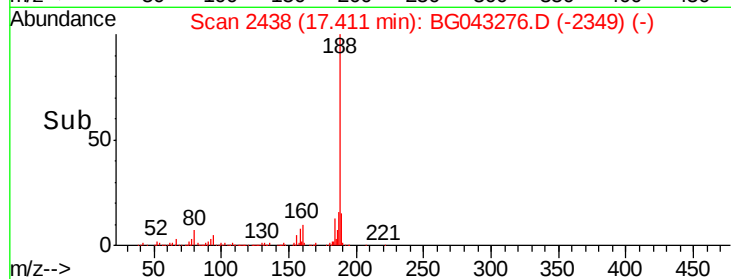
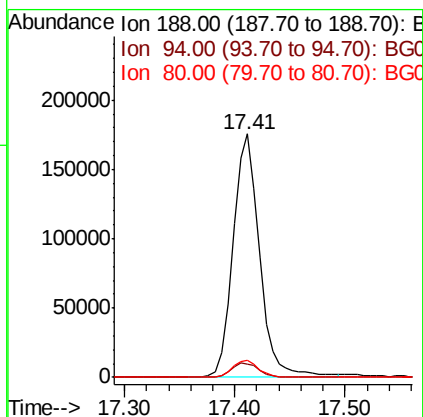
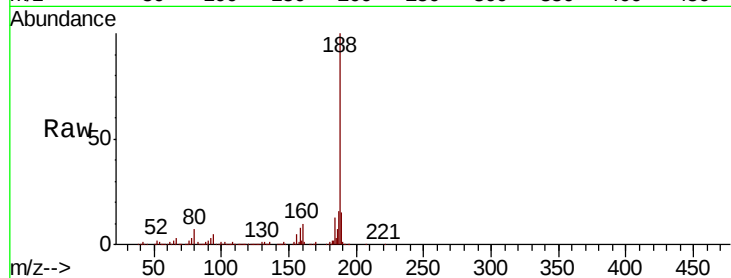




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG043276.D
Acq: 18 Oct 2019 00:08

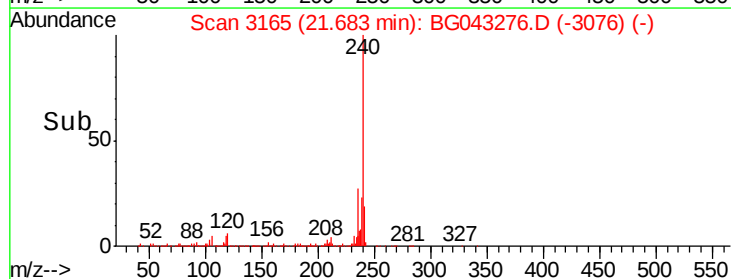
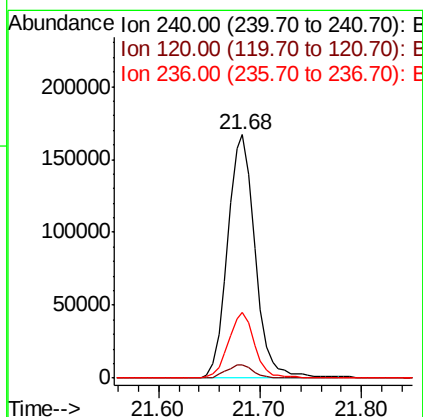
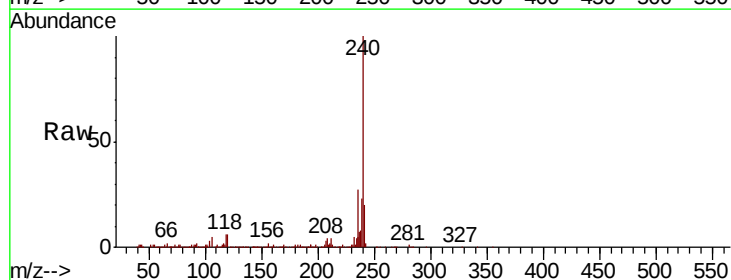
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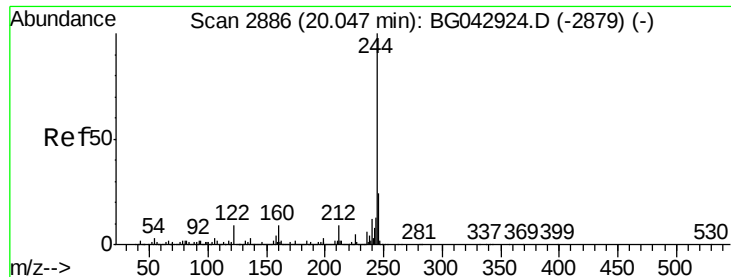
Tot Ion:188 Resp: 296135
Ion Ratio Lower Upper
188 100
94 5.4 5.7 8.5#
80 6.8 6.5 9.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG043276.D
Acq: 18 Oct 2019 00:08

Tgt Ion:240 Resp: 313671
Ion Ratio Lower Upper
240 100
120 5.6 4.8 7.2
236 27.1 21.4 32.0





#79

Terphenyl-d14

Concen: 105.022 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG043276.D

Acq: 18 Oct 2019 00:08

Instrument :

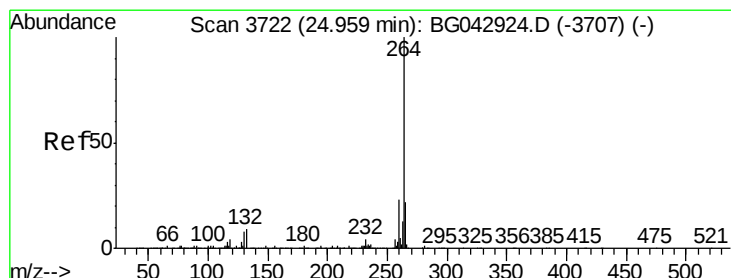
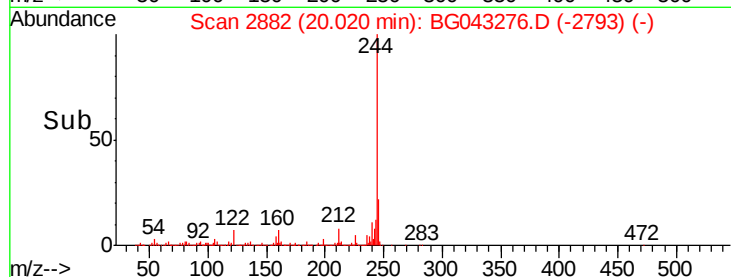
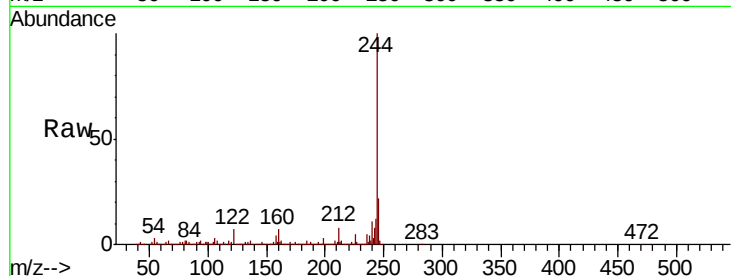
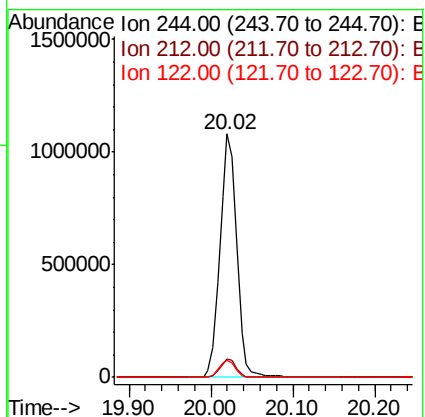
BNA_G

ClientSampleId :

20190897-AMENDED-COMP-KM-CA

Tot Ion:244 Resp: 1545945

Ion	Ratio	Lower	Upper
244	100		
212	7.8	7.4	11.0
122	7.2	7.0	10.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG043276.D

Acq: 18 Oct 2019 00:08

Tgt Ion:264 Resp: 373957

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.7	28.1
265	20.3	17.7	26.5

