

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
 Data File : BG031720.D
 Acq On : 22 Dec 2017 20:40
 Operator : SJ/JU
 Sample : I7002-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-3DS(75-77)

Quant Time: Dec 23 01:48:04 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

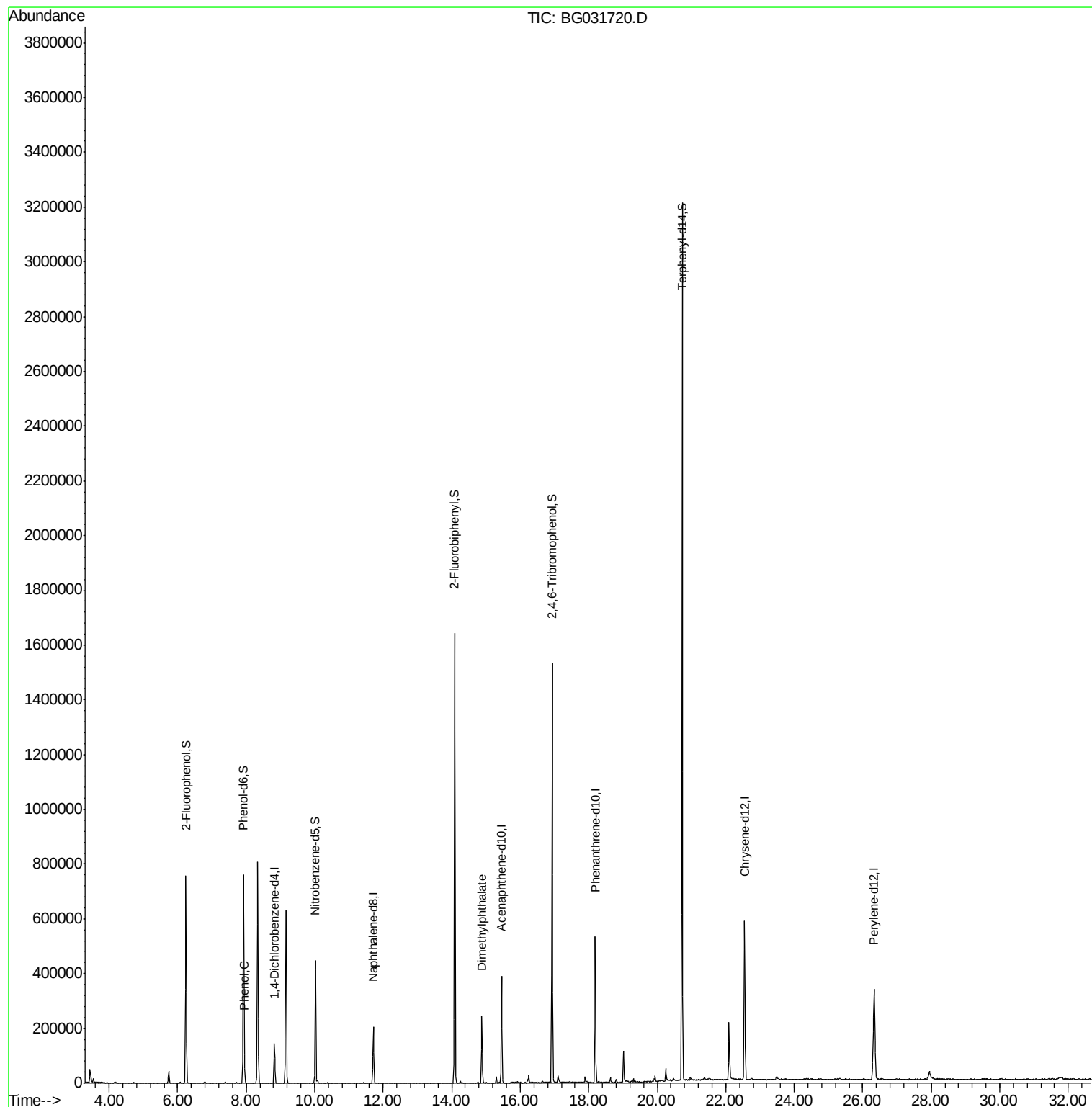
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	51395	20.00	ng	-0.01
21) Naphthalene-d8	11.72	136	208745	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	147596	20.00	ng	0.00
63) Phenanthrene-d10	18.19	188	378050	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	434075	20.00	ng	-0.02
86) Perylene-d12	26.33	264	470449	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.25	112	427570	151.53	ng	0.00
7) Phenol-d6	7.93	99	540495	147.53	ng	0.00
23) Nitrobenzene-d5	10.02	82	283069	102.40	ng	-0.01
41) 2,4,6-Tribromophenol	16.93	330	366721	162.83	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	1040938	88.52	ng	0.00
78) Terphenyl-d14	20.73	244	1698014	89.37	ng	0.00
Target Compounds						
10) Phenol	7.95	94	17090	4.620	ng	94
49) Dimethylphthalate	14.88	163	185364	14.256	ng	99

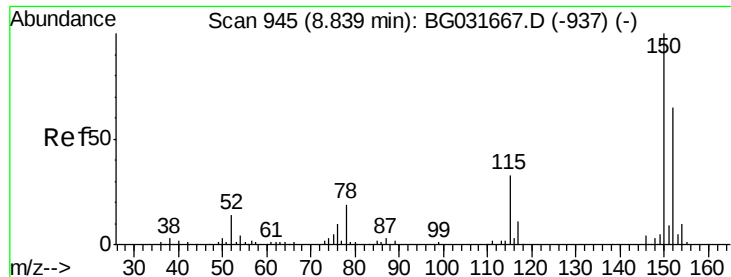
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.82 min Scan# 942

Delta R.T. -0.01 min

Lab File: BG031720.D

Acq: 22 Dec 2017 20:40

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EPE-106-3DS(75-77)

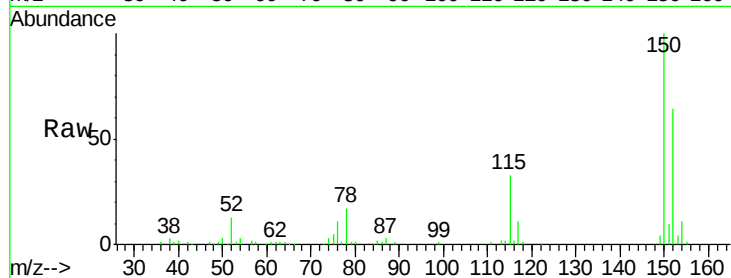
Tgt Ion:152 Resp: 51395

Ion Ratio Lower Upper

152 100

150 155.1 126.6 189.8

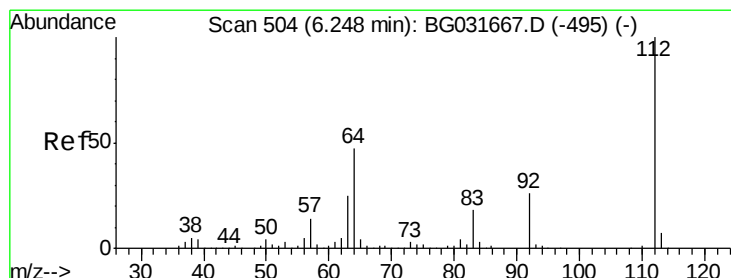
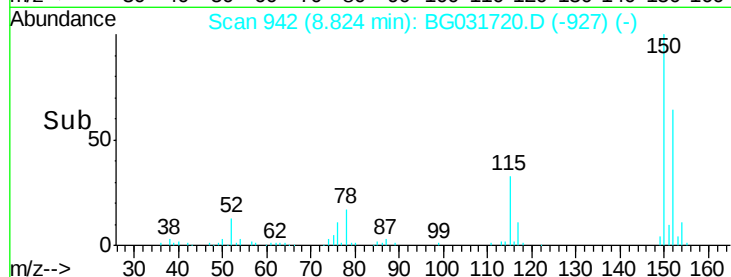
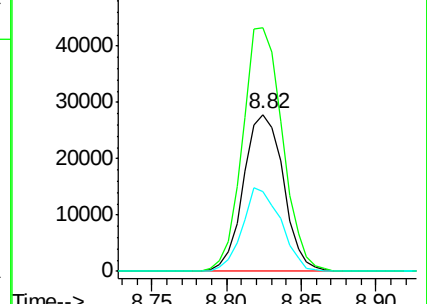
115 50.5 53.0 79.4#



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: 151.526 ng

RT: 6.25 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG031720.D

Acq: 22 Dec 2017 20:40

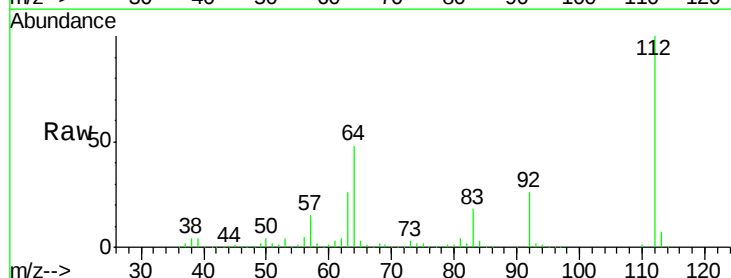
Tgt Ion:112 Resp: 427570

Ion Ratio Lower Upper

112 100

64 48.3 56.3 84.5#

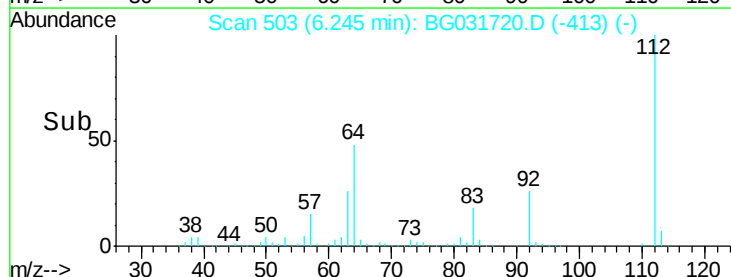
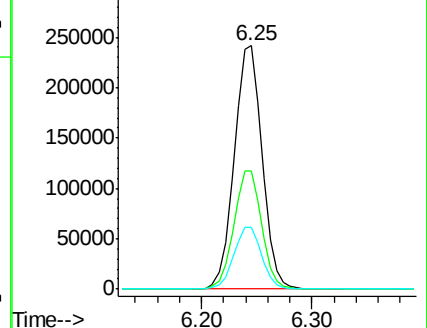
63 25.5 30.1 45.1#

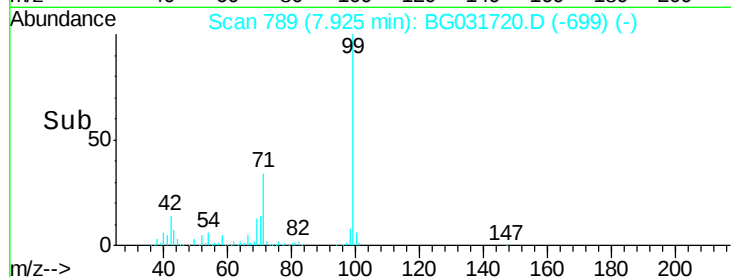
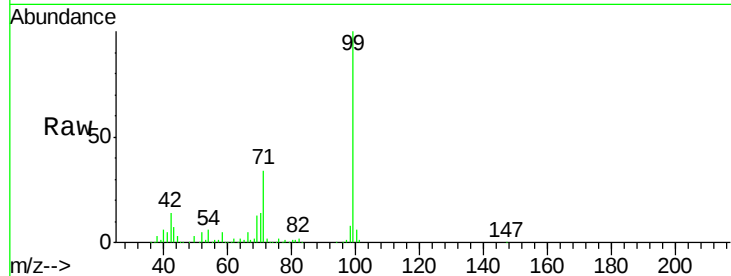
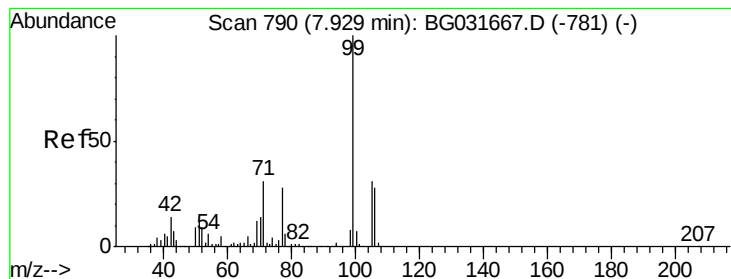


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 147.532 ng

RT: 7.93 min Scan# 789

Delta R.T. -0.00 min

Lab File: BG031720.D

Acq: 22 Dec 2017 20:40

Instrument :

BNA_G

ClientSampleId :

EPE-106-3DS(75-77)

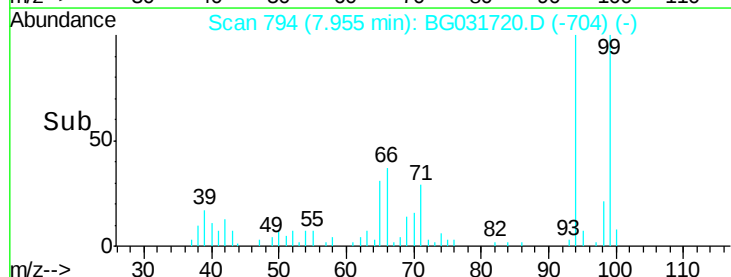
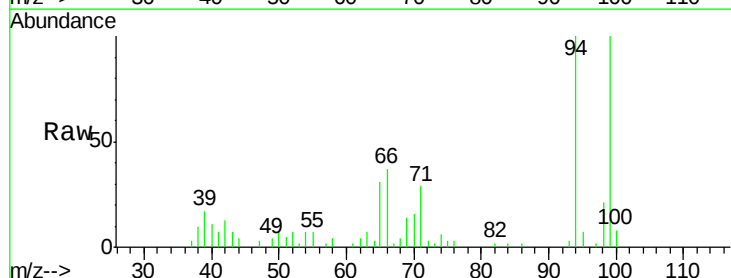
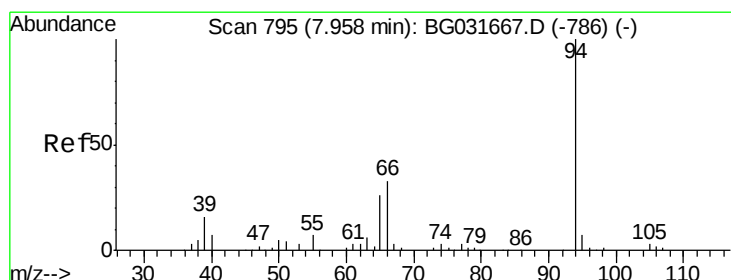
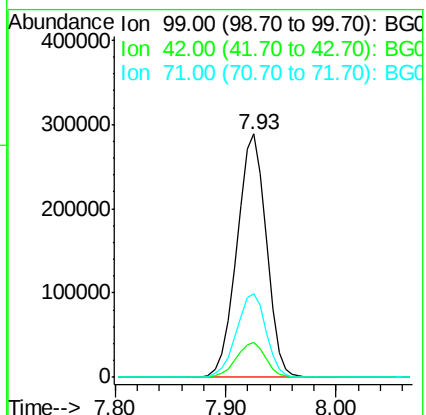
Tgt Ion: 99 Resp: 540495

Ion Ratio Lower Upper

99 100

42 14.2 14.1 21.1

71 34.3 26.1 39.1



#10

Phenol

Concen: 4.620 ng

RT: 7.95 min Scan# 794

Delta R.T. -0.00 min

Lab File: BG031720.D

Acq: 22 Dec 2017 20:40

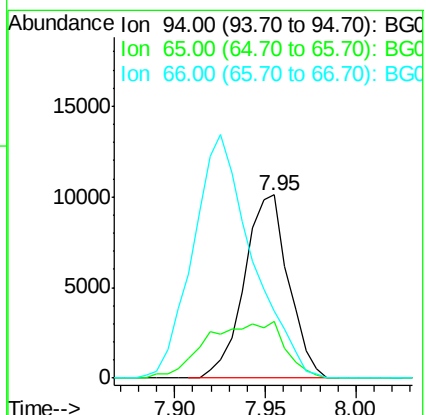
Tgt Ion: 94 Resp: 17090

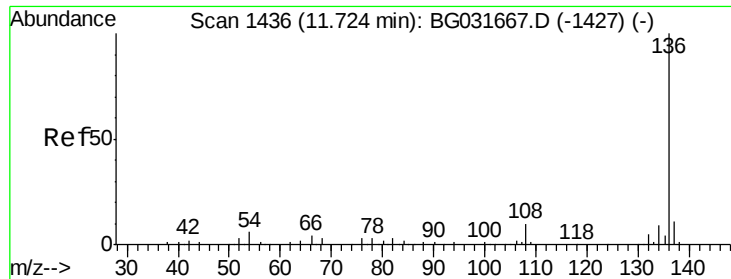
Ion Ratio Lower Upper

94 100

65 31.2 11.9 51.9

66 36.6 22.2 62.2

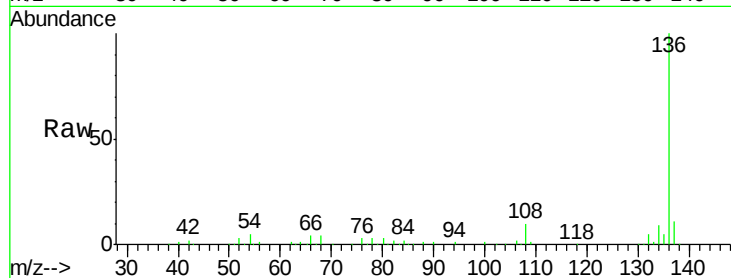




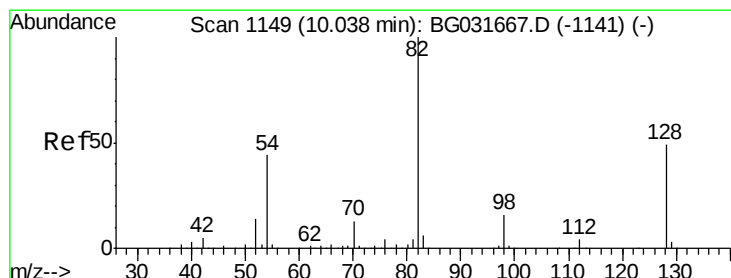
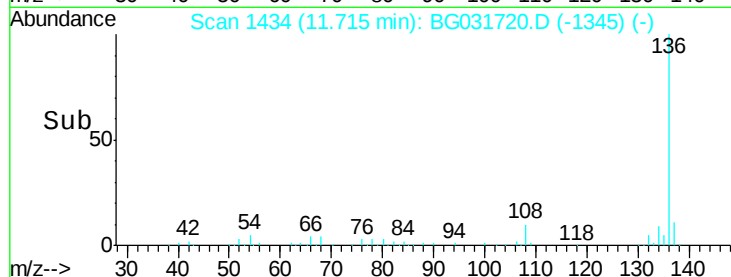
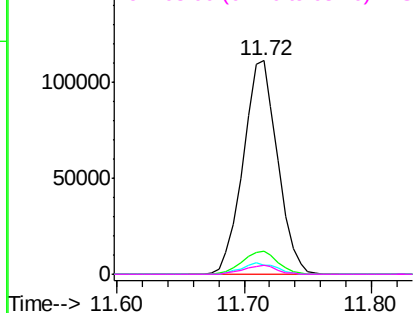
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.72 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031720.D
Acq: 22 Dec 2017 20:40

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(75-77)

Tgt Ion: 136 Resp: 208745
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 4.8 10.3 15.5#
68 4.1 4.5 6.7#

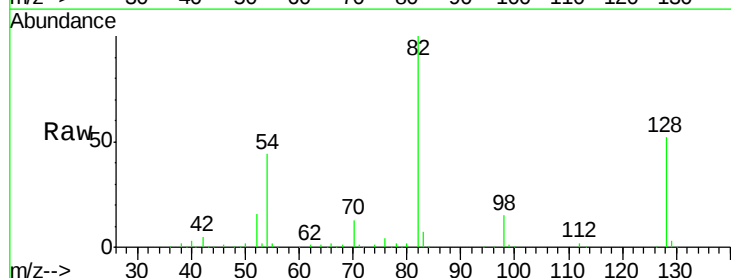


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

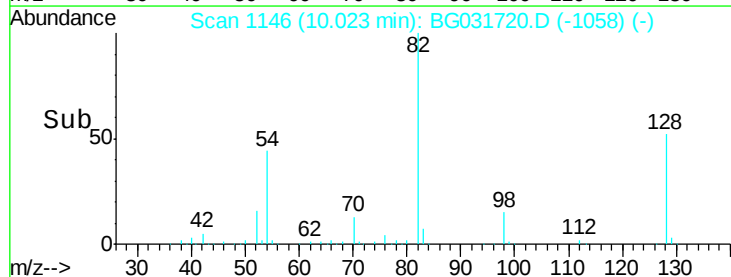
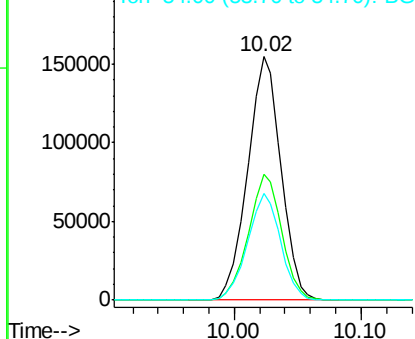


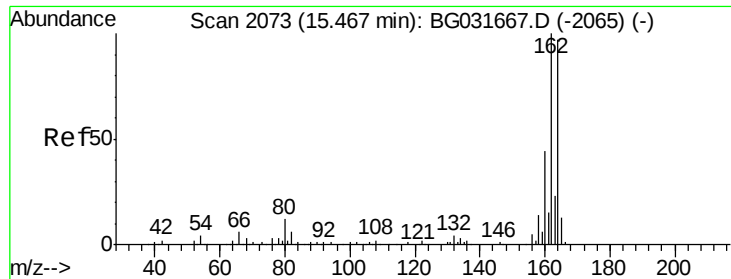
#23
Nitrobenzene-d5
Concen: 102.398 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BG031720.D
Acq: 22 Dec 2017 20:40

Tgt Ion: 82 Resp: 283069
Ion Ratio Lower Upper
82 100
128 51.7 29.7 44.5#
54 44.0 43.1 64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.46 min Scan# 2071

Delta R.T. -0.01 min

Lab File: BG031720.D

Acq: 22 Dec 2017 20:40

Instrument :

BNA_G

ClientSampleId :

EPE-106-3DS(75-77)

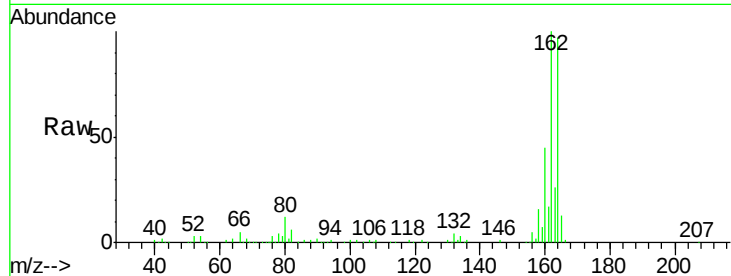
Tgt Ion:164 Resp: 147596

Ion Ratio Lower Upper

164 100

162 103.5 78.8 118.2

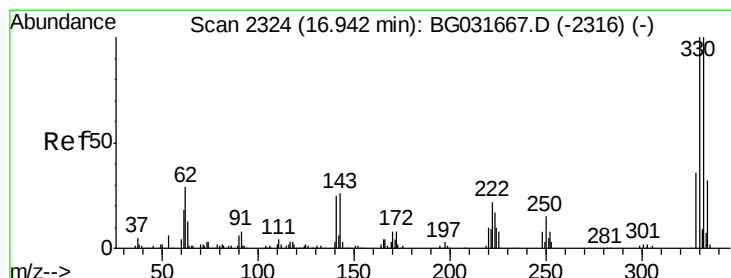
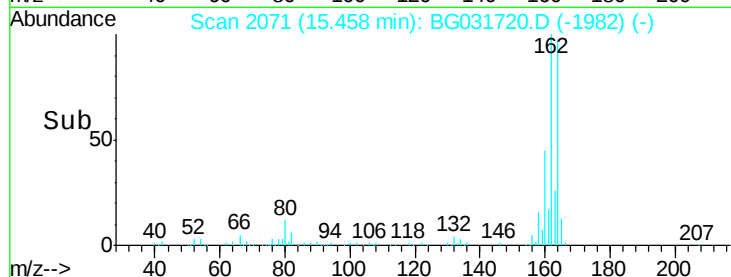
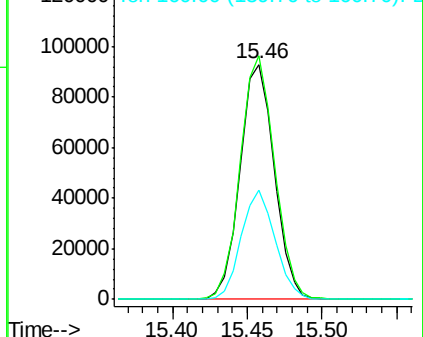
160 46.5 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 162.834 ng

RT: 16.93 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BG031720.D

Acq: 22 Dec 2017 20:40

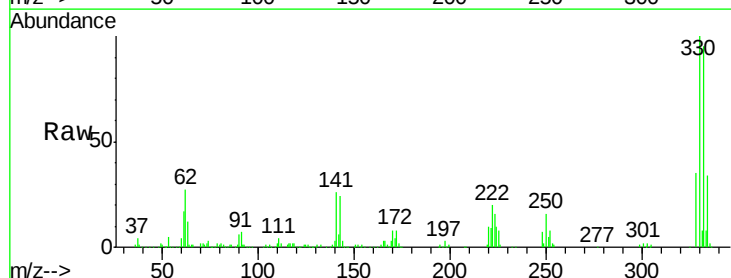
Tgt Ion:330 Resp: 366721

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

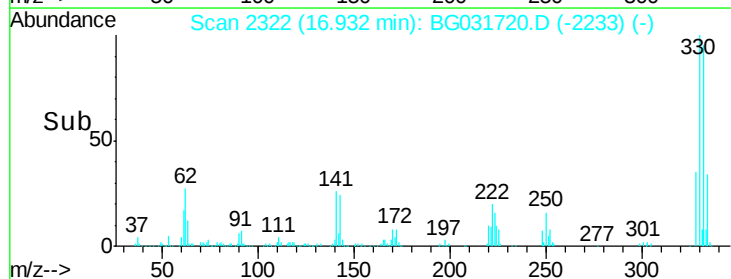
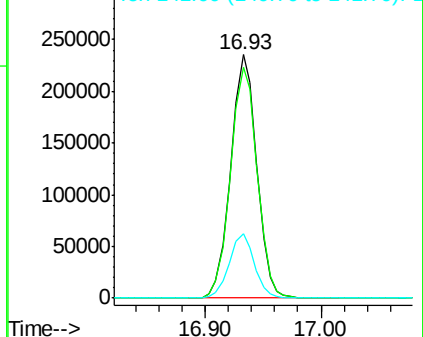
141 25.6 25.2 37.8

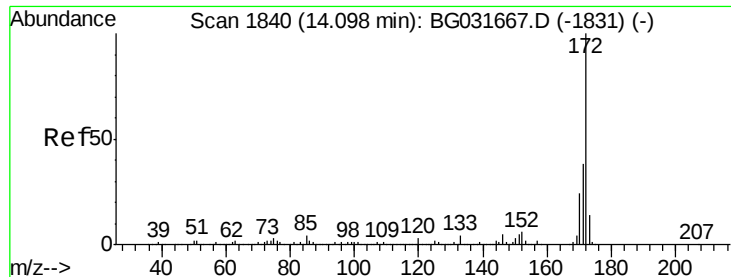


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

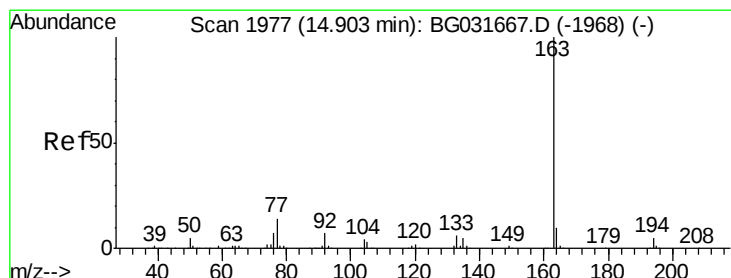
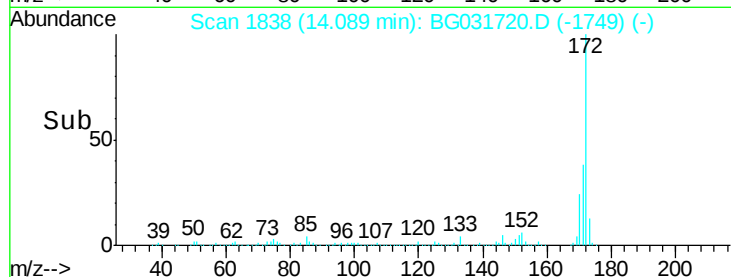
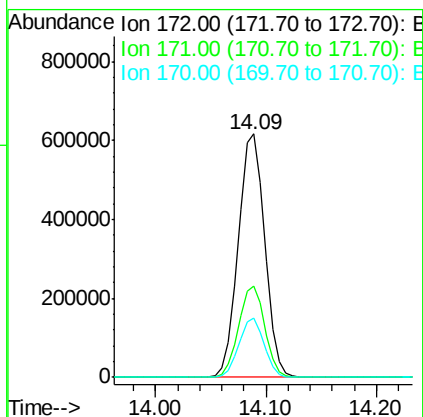
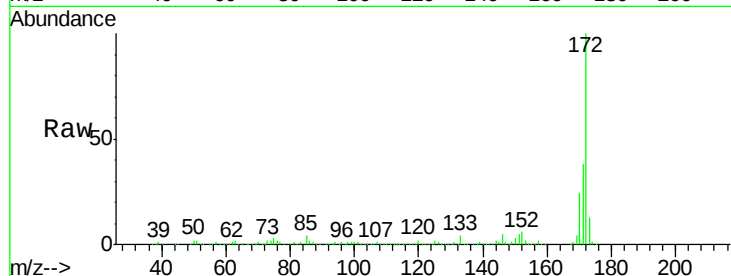




#44
2-Fluorobiphenyl
Concen: 88.520 ng
RT: 14.09 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG031720.D
Acq: 22 Dec 2017 20:40

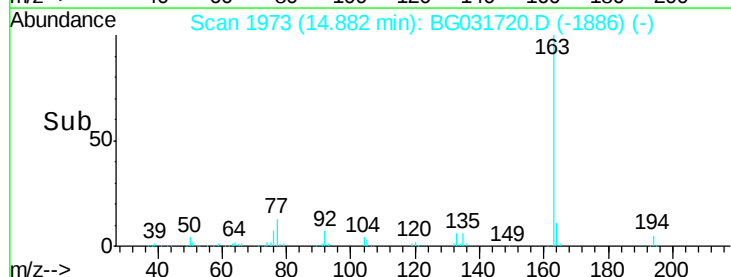
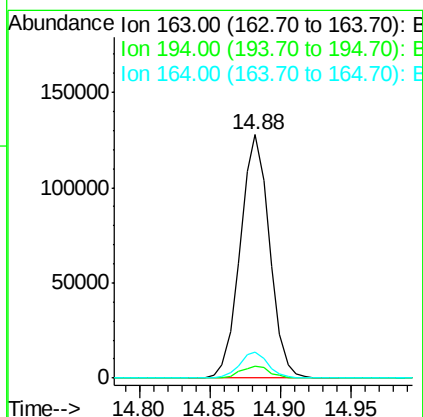
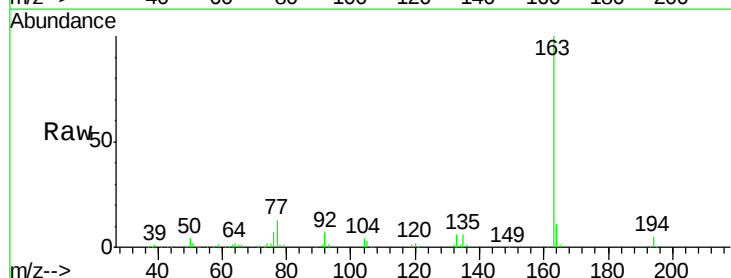
Instrument :
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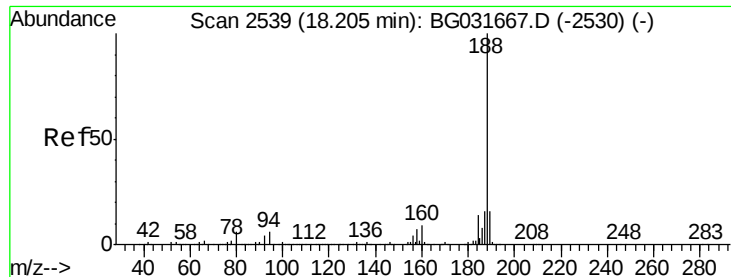
Tgt Ion:172 Resp: 1040938
Ion Ratio Lower Upper
172 100
171 37.7 30.0 45.0
170 24.3 19.5 29.3



#49
Dimethylphthalate
Concen: 14.256 ng
RT: 14.88 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG031720.D
Acq: 22 Dec 2017 20:40

Tgt Ion:163 Resp: 185364
Ion Ratio Lower Upper
163 100
194 4.9 3.4 5.2
164 10.7 8.2 12.4

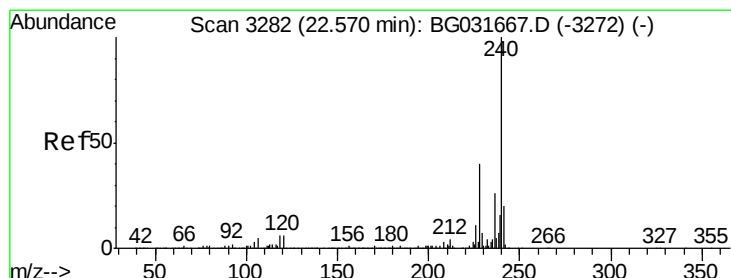
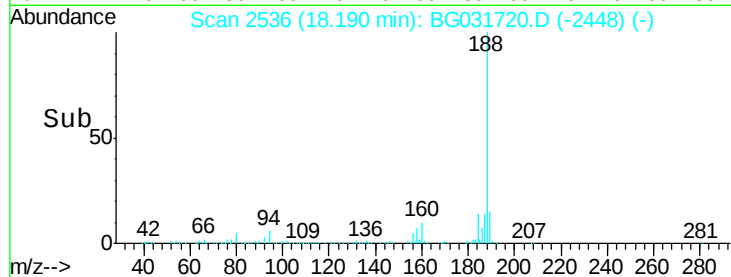
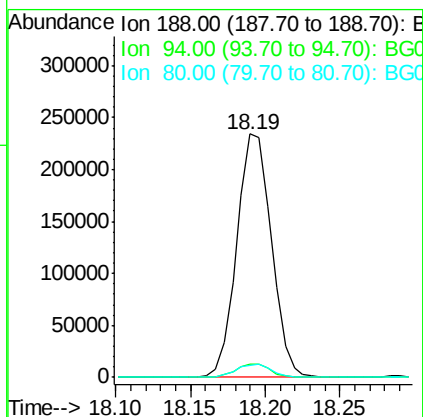
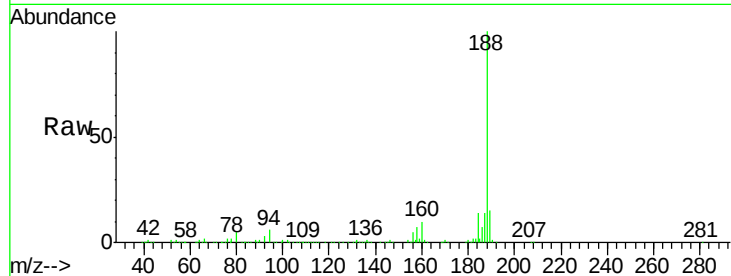




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BG031720.D
Acq: 22 Dec 2017 20:40

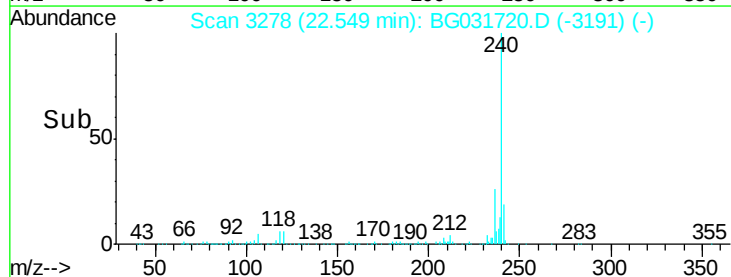
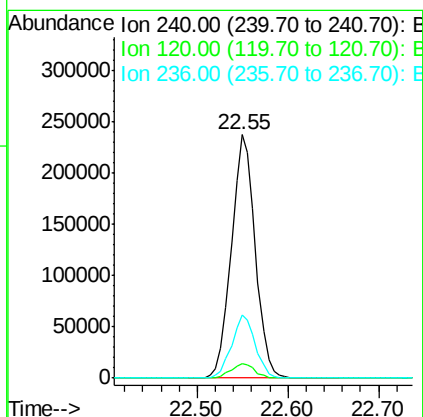
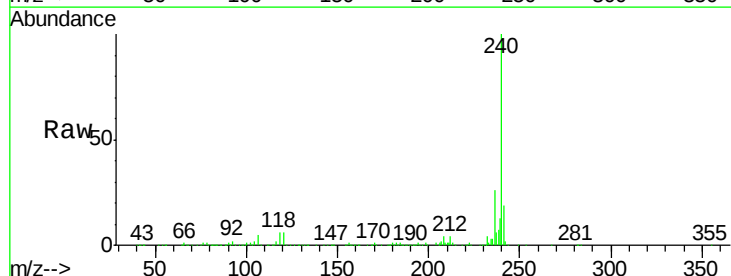
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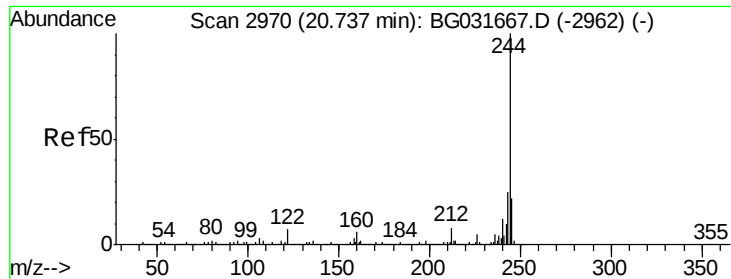
Tgt Ion:188 Resp: 378050
Ion Ratio Lower Upper
188 100
94 5.5 6.9 10.3#
80 5.1 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.02 min
Lab File: BG031720.D
Acq: 22 Dec 2017 20:40

Tgt Ion:240 Resp: 434075
Ion Ratio Lower Upper
240 100
120 6.1 6.8 10.2#
236 25.8 20.9 31.3

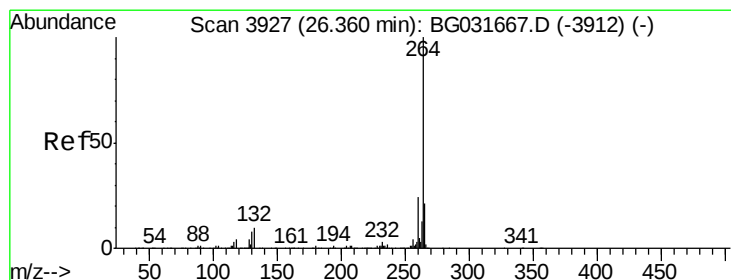
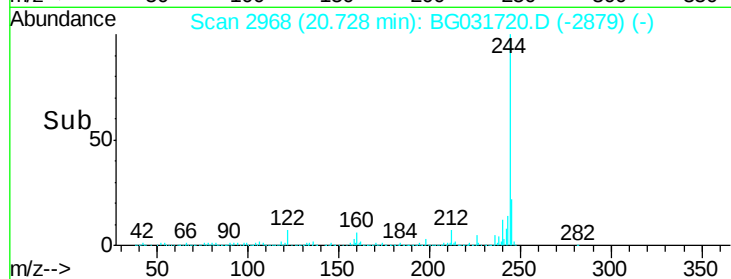
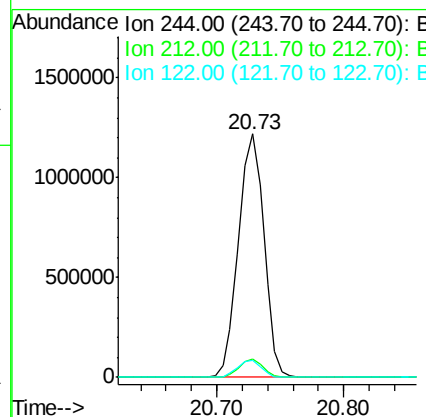
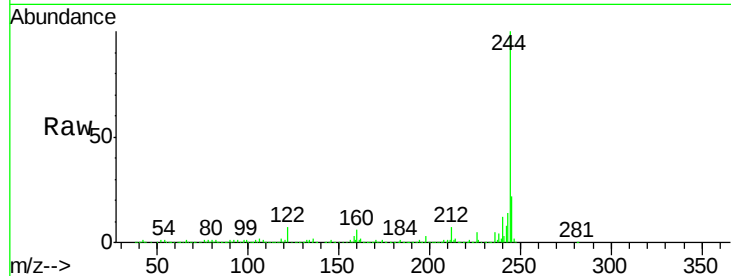




#78
 Terphenyl-d14
 Concen: 89.371 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. -0.01 min
 Lab File: BG031720.D
 Acq: 22 Dec 2017 20:40

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-3DS(75-77)

Tgt Ion:244 Resp: 1698014
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 7.0 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.33 min Scan# 3922
 Delta R.T. -0.03 min
 Lab File: BG031720.D
 Acq: 22 Dec 2017 20:40

Tgt Ion:264 Resp: 470449
 Ion Ratio Lower Upper
 264 100
 260 22.9 17.4 26.0
 265 21.5 17.7 26.5

