

Data Path : Z:\HPCHEM1\BNA G\DATA\BG103117\
 Data File : BG030623.D
 Acq On : 31 Oct 2017 21:58
 Operator : SJ/JU
 Sample : I6178-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-120-3(10-12)

Quant Time: Nov 01 06:30:23 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

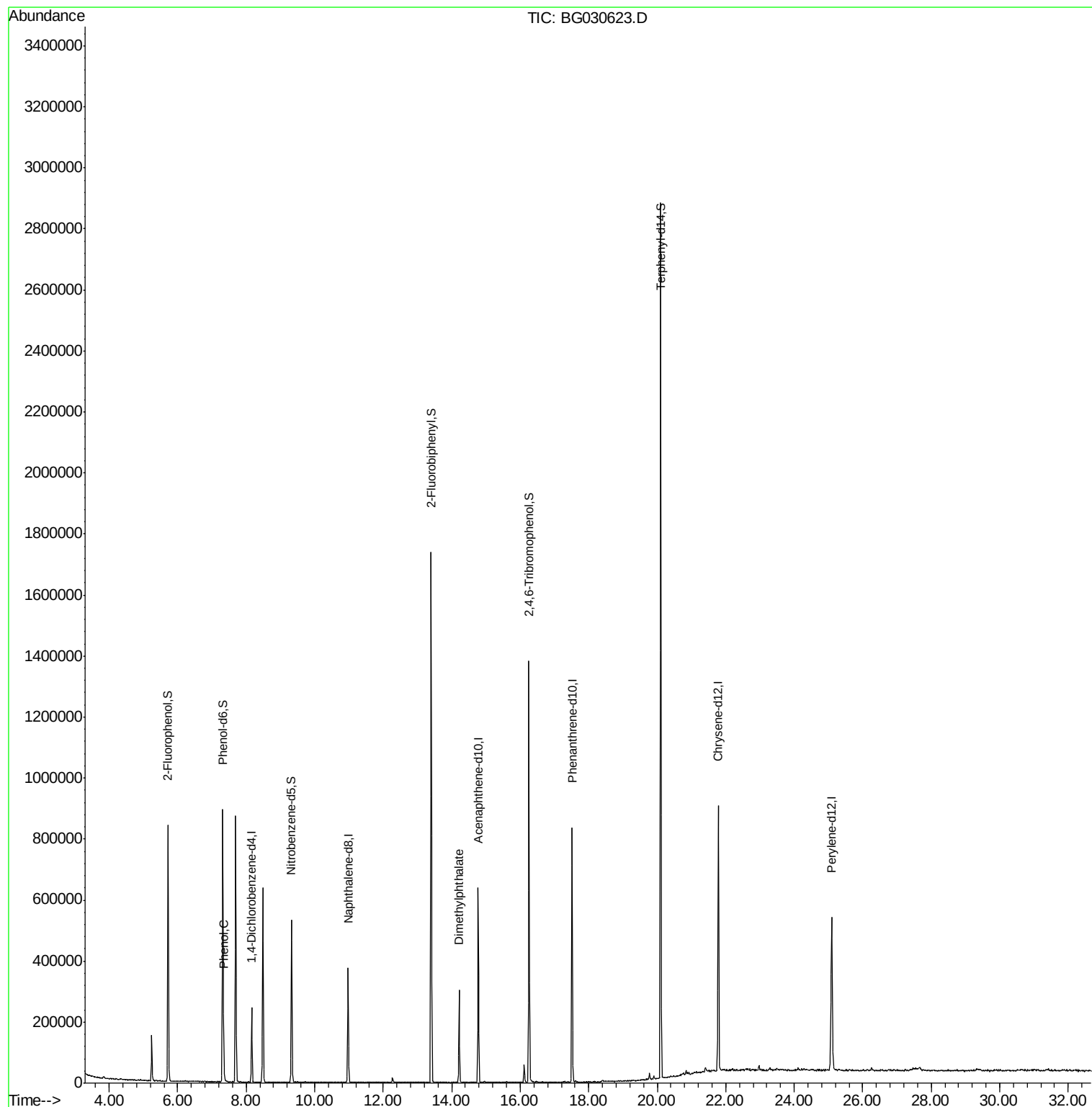
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	70547	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	333001	20.00	ng	-0.02
38) Acenaphthene-d10	14.78	164	229107	20.00	ng	-0.02
63) Phenanthrene-d10	17.51	188	514742	20.00	ng	-0.02
75) Chrysene-d12	21.79	240	546641	20.00	ng	-0.02
86) Perylene-d12	25.09	264	543085	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	394705	93.47	ng	0.00
7) Phenol-d6	7.31	99	558736	94.26	ng	-0.01
23) Nitrobenzene-d5	9.32	82	324539	61.93	ng	-0.02
41) 2,4,6-Tribromophenol	16.26	330	275487	93.13	ng	-0.02
44) 2-Fluorobiphenyl	13.40	172	912343	58.40	ng	-0.02
78) Terphenyl-d14	20.10	244	1317848	54.84	ng	-0.02
Target Compounds						
10) Phenol	7.34	94	41780	6.538	ng	94
49) Dimethylphthalate	14.22	163	229668	12.848	ng	99

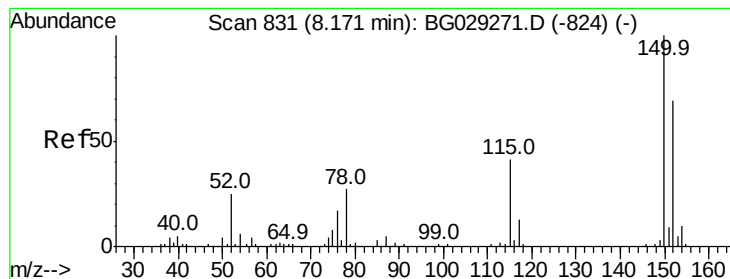
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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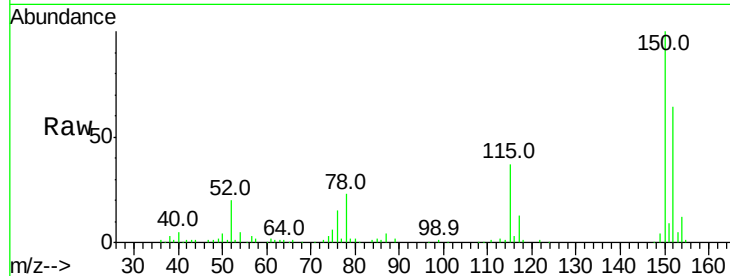


#1

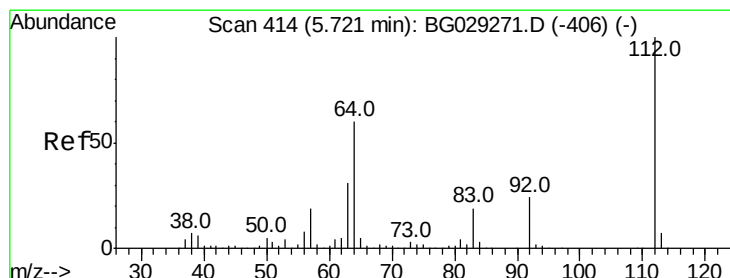
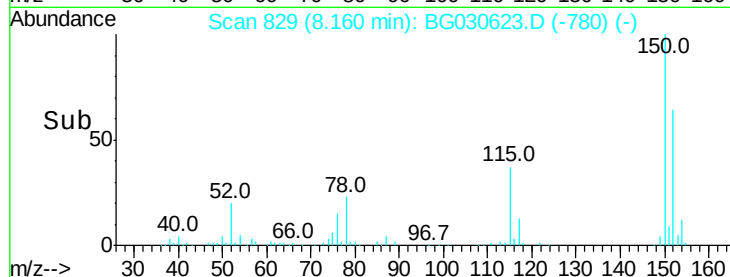
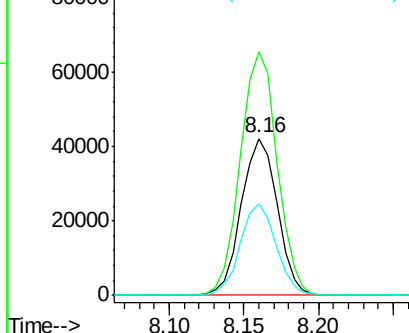
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG030623.D
Acq: 31 Oct 2017 21:58

Instrument :
BNA_G
ClientSampleId :
EPE-120-3(10-12)

Tot Ion:152 Resp: 70547
Ion Ratio Lower Upper
152 100
150 155.4 126.6 189.8
115 58.0 53.0 79.4



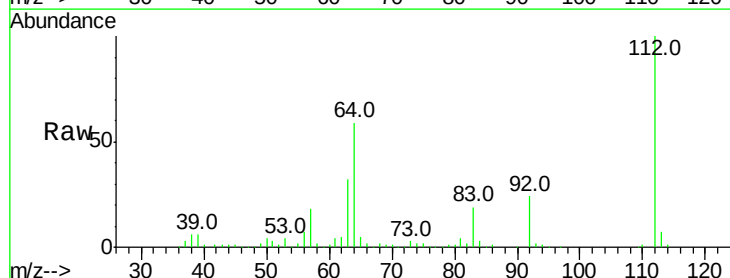
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



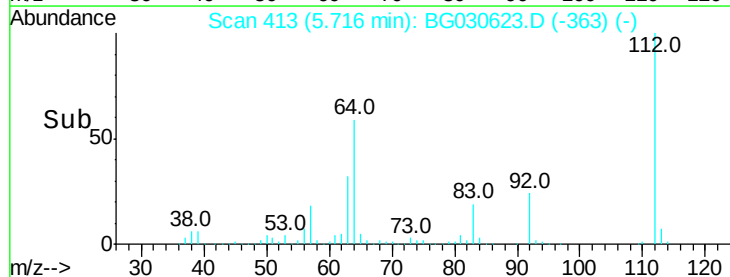
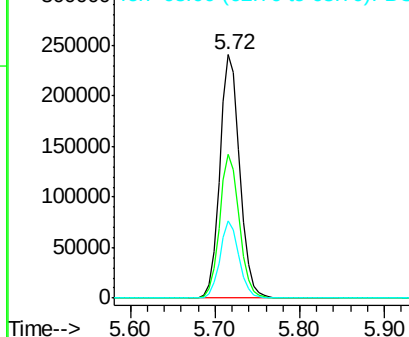
#5

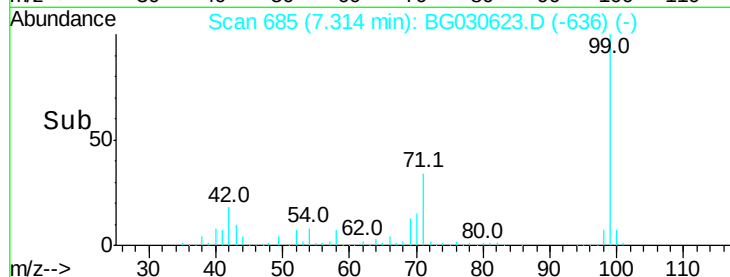
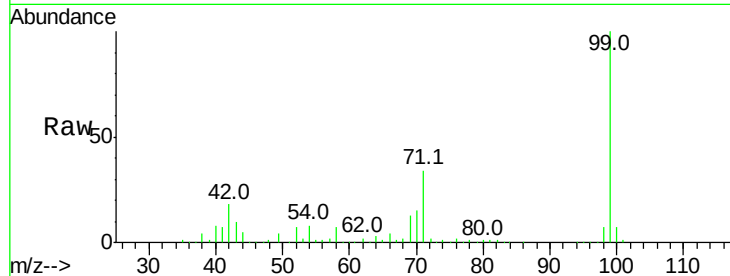
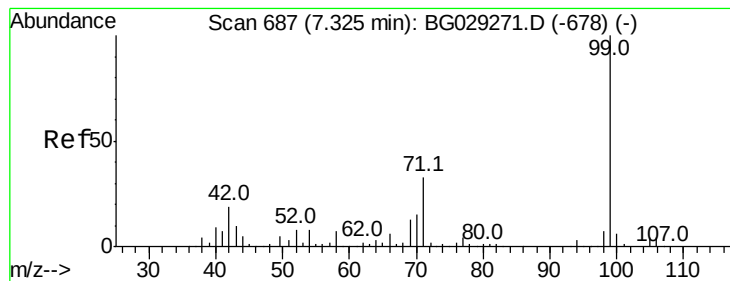
2-Fluorophenol
Concen: 93.466 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG030623.D
Acq: 31 Oct 2017 21:58

Tgt Ion:112 Resp: 394705
Ion Ratio Lower Upper
112 100
64 59.1 56.3 84.5
63 31.7 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 94.260 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG030623.D

Acq: 31 Oct 2017 21:58

Instrument :

BNA_G

ClientSampleId :

EPE-120-3(10-12)

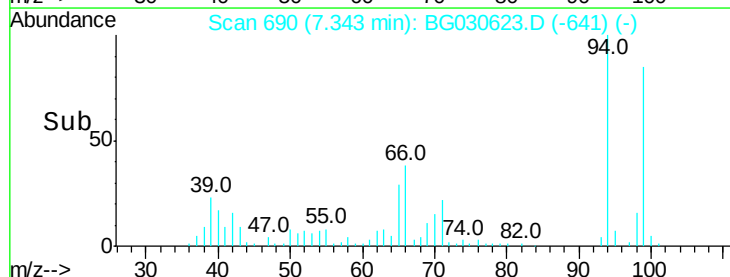
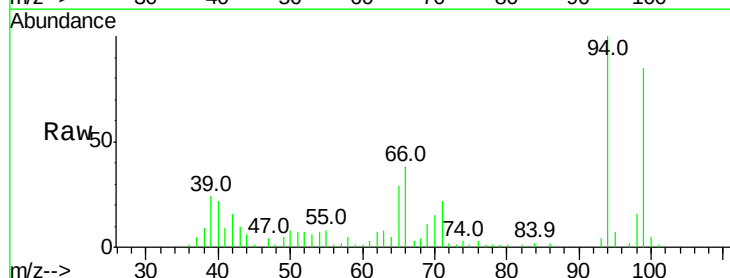
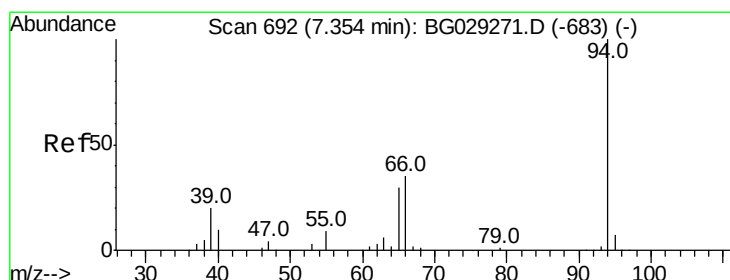
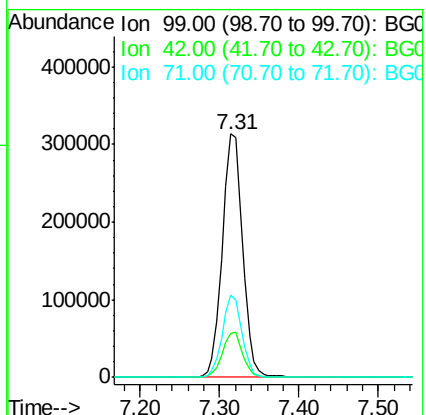
Tot Ion: 99 Resp: 558736

Ion Ratio Lower Upper

99 100

42 18.2 14.1 21.1

71 33.8 26.1 39.1



#10

Phenol

Concen: 6.538 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG030623.D

Acq: 31 Oct 2017 21:58

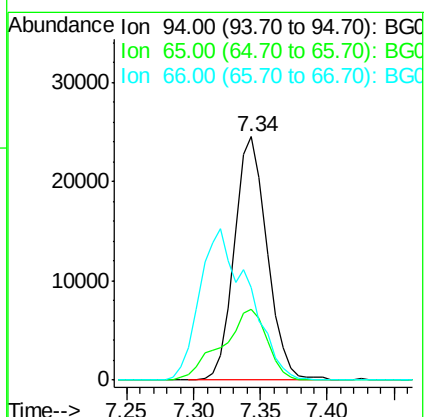
Tgt Ion: 94 Resp: 41780

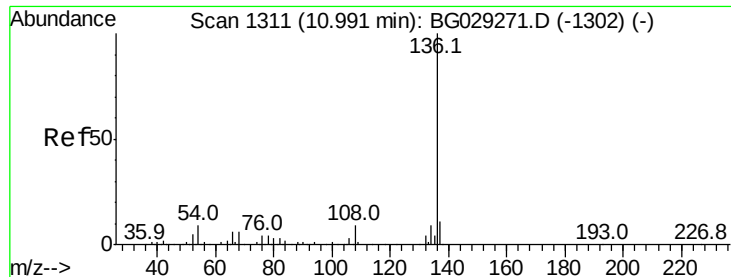
Ion Ratio Lower Upper

94 100

65 28.9 11.9 51.9

66 37.8 22.2 62.2

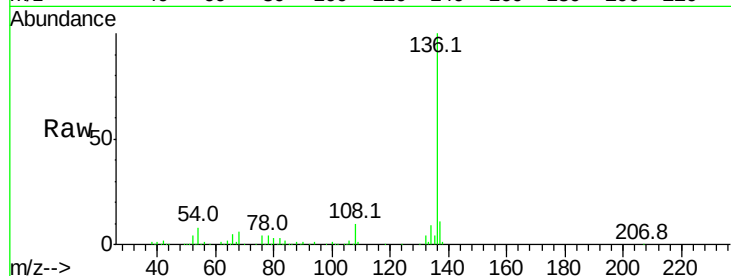




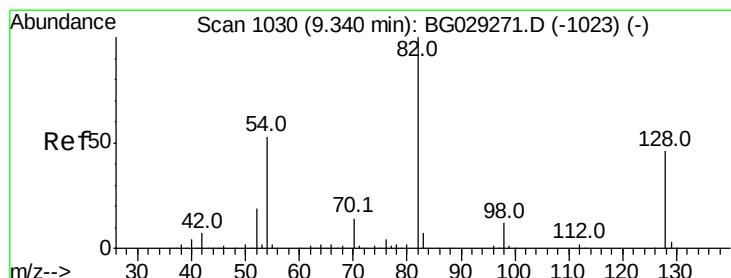
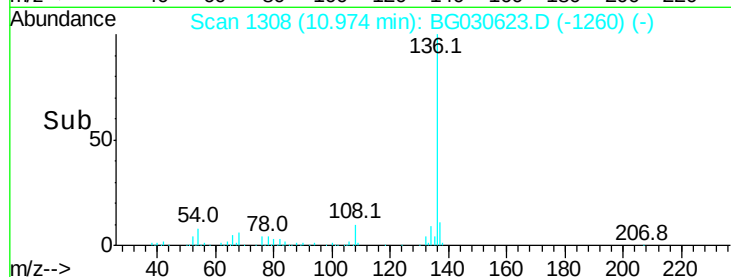
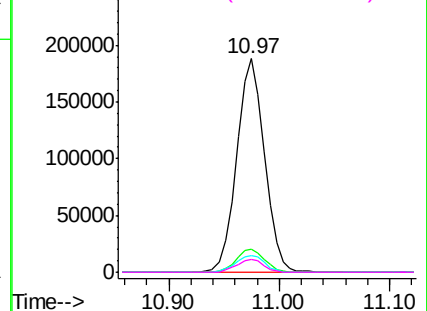
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG030623.D
Acq: 31 Oct 2017 21:58

Instrument :
BNA_G
ClientSampleId :
EPE-120-3(10-12)

Tot Ion:136	Resp:	333001
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.2 13.8
54	8.0	10.3 15.5#
68	6.2	4.5 6.7

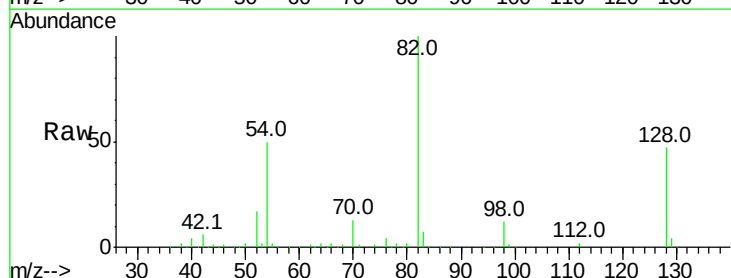


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

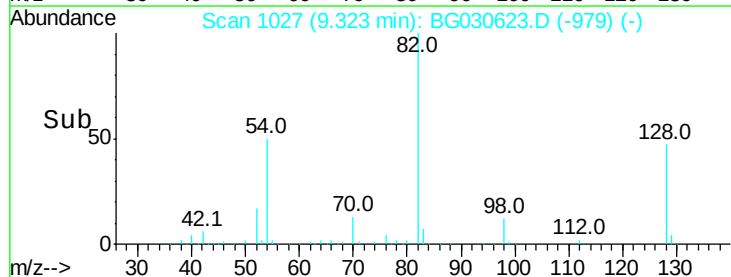
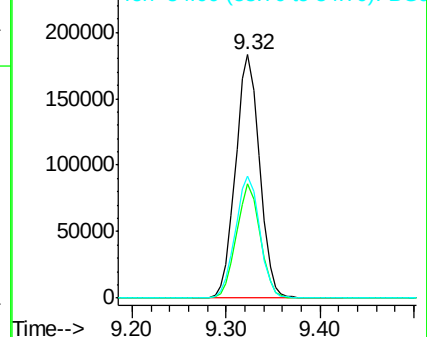


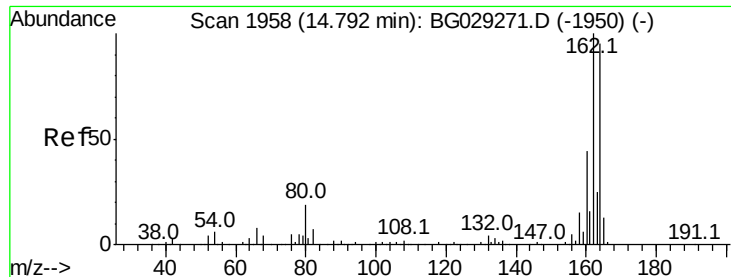
#23
Nitrobenzene-d5
Concen: 61.932 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG030623.D
Acq: 31 Oct 2017 21:58

Tgt Ion: 82	Resp:	324539
Ion Ratio	Lower	Upper
82	100	
128	46.9	29.7 44.5#
54	50.0	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

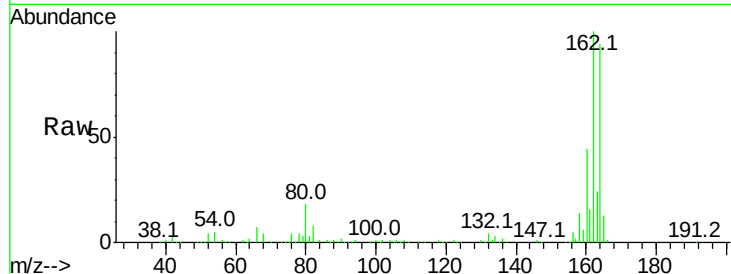




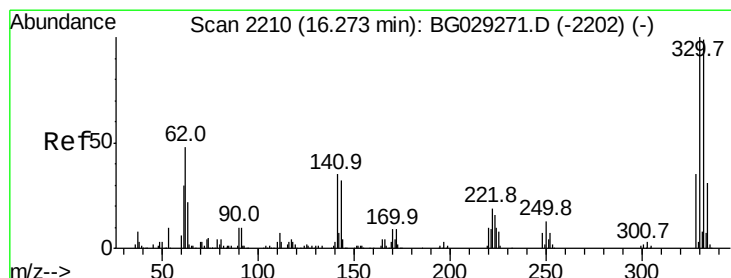
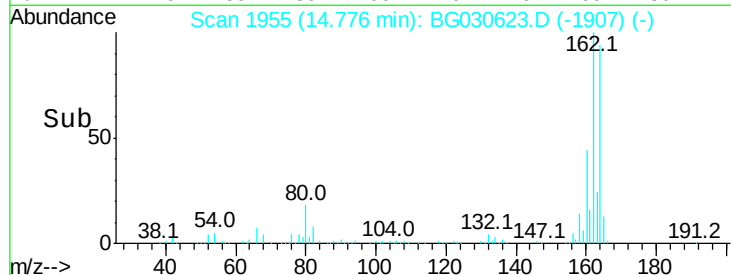
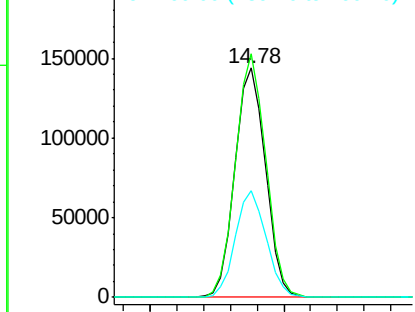
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BG030623.D
Acq: 31 Oct 2017 21:58

Instrument :
BNA_G
ClientSampleId :
EPE-120-3(10-12)

Tot Ion:164 Resp: 229107
Ion Ratio Lower Upper
164 100
162 106.2 78.8 118.2
160 46.5 35.4 53.0

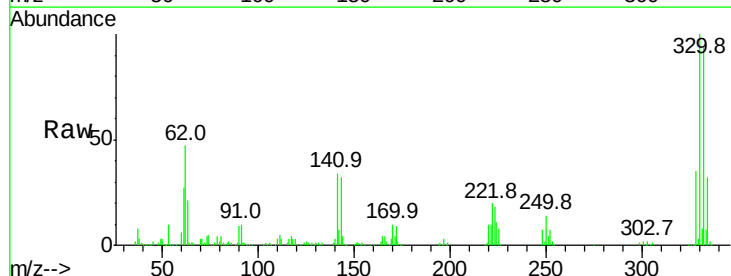


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

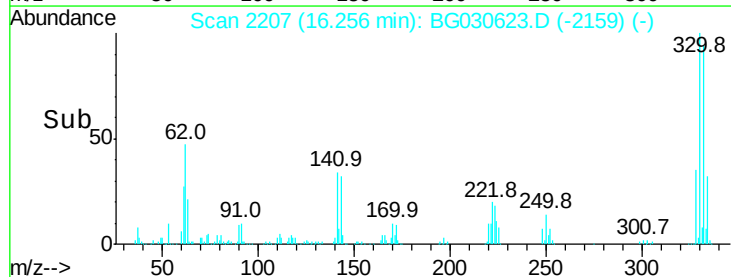
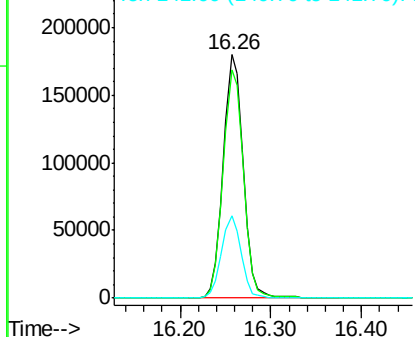


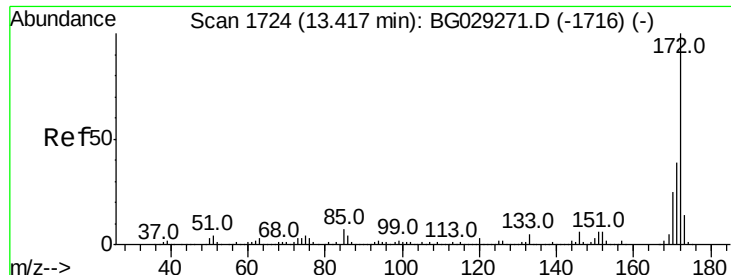
#41
2,4,6-Tribromophenol
Concen: 93.133 ng
RT: 16.26 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BG030623.D
Acq: 31 Oct 2017 21:58

Tgt Ion:330 Resp: 275487
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.6
141 33.6 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

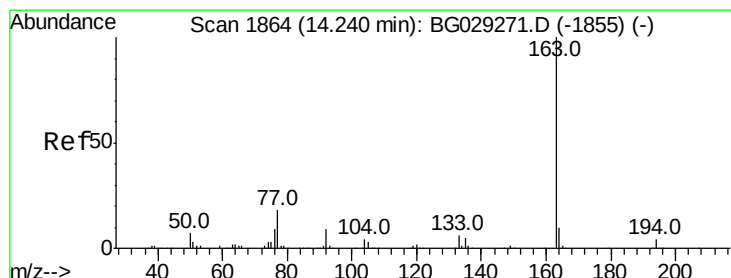
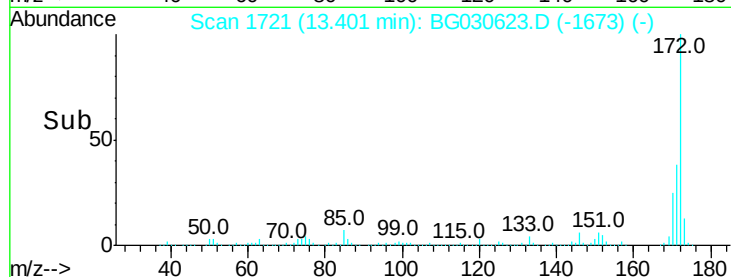
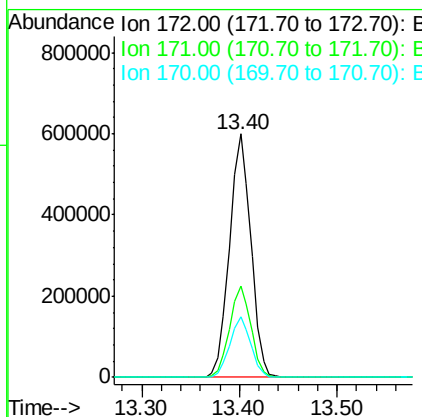
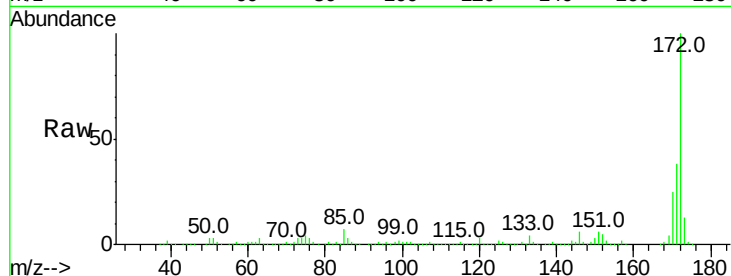




#44
2-Fluorobiphenyl
Concen: 58.405 ng
RT: 13.40 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG030623.D
Acq: 31 Oct 2017 21:58

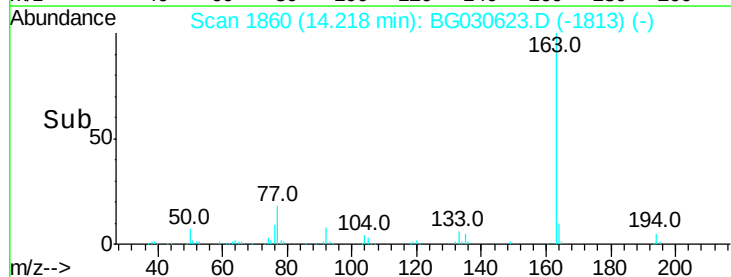
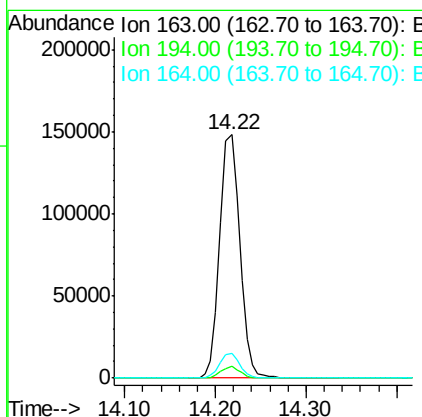
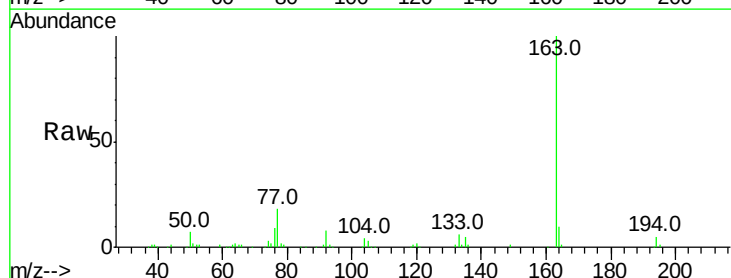
Instrument :
BNA_G
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EPE-120-3(10-12)

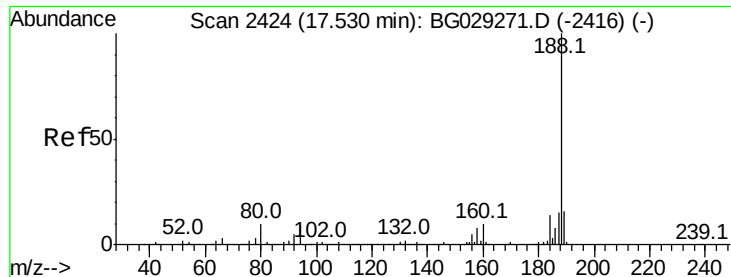
Tot Ion:172 Resp: 912343
Ion Ratio Lower Upper
172 100
171 37.6 30.0 45.0
170 24.6 19.5 29.3



#49
Dimethylphthalate
Concen: 12.848 ng
RT: 14.22 min Scan# 1860
Delta R.T. -0.02 min
Lab File: BG030623.D
Acq: 31 Oct 2017 21:58

Tgt Ion:163 Resp: 229668
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.2
164 10.2 8.2 12.4

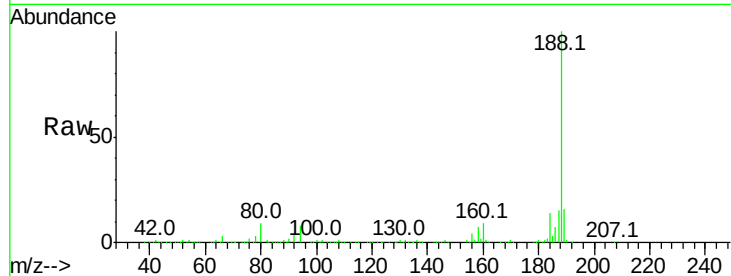




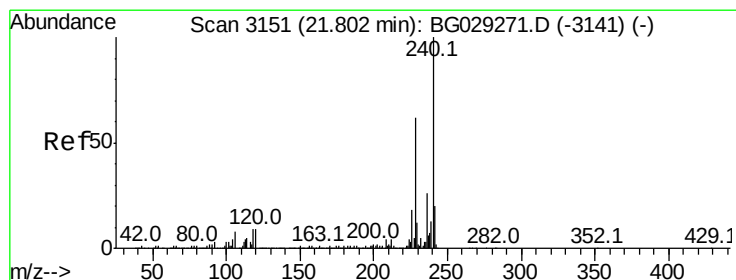
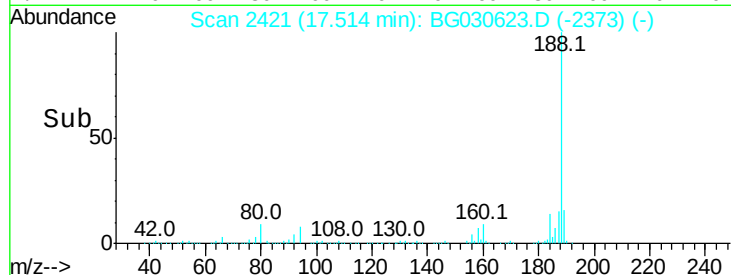
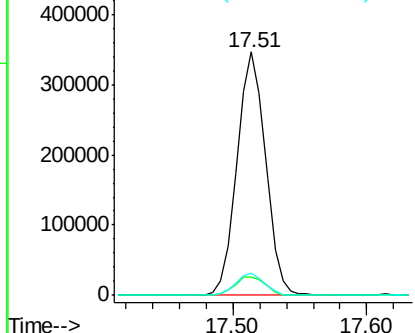
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG030623.D
Acq: 31 Oct 2017 21:58

Instrument :
BNA_G
ClientSampleId :
EPE-120-3(10-12)

Tot Ion:188 Resp: 514742
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 9.1 7.7 11.5

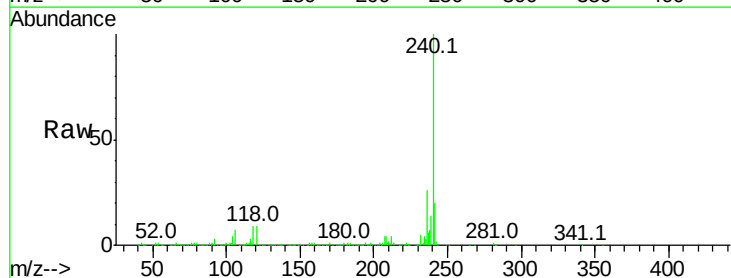


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

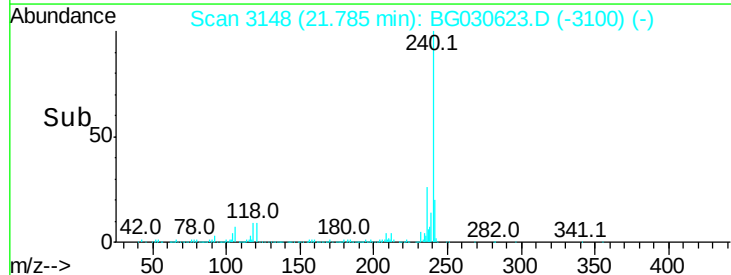
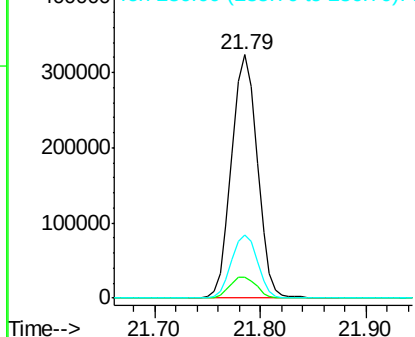


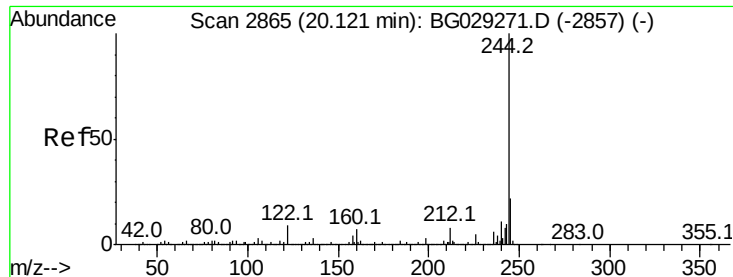
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3148
Delta R.T. -0.02 min
Lab File: BG030623.D
Acq: 31 Oct 2017 21:58

Tgt Ion:240 Resp: 546641
Ion Ratio Lower Upper
240 100
120 8.6 6.8 10.2
236 26.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



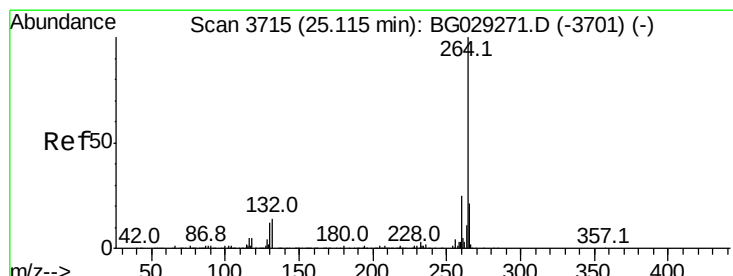
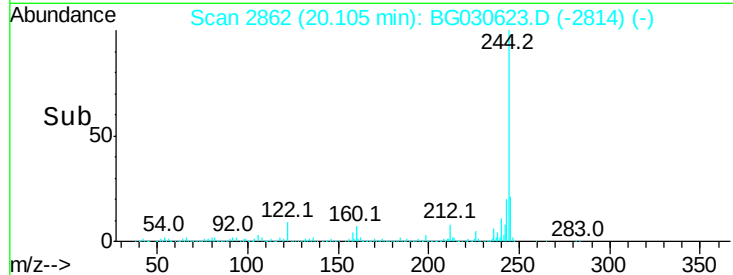
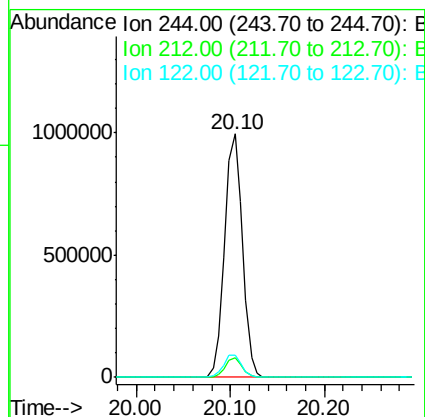
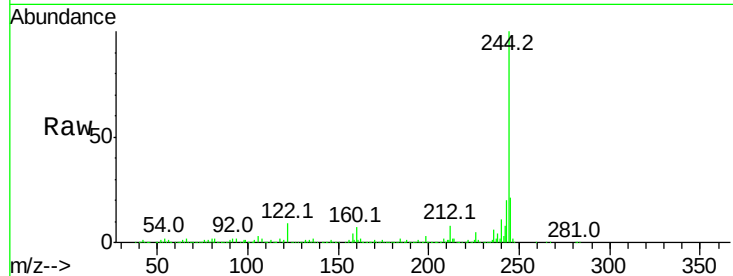


#78
 Terphenyl-d14
 Concen: 54.844 ng
 RT: 20.10 min Scan# 2862
 Delta R.T. -0.02 min
 Lab File: BG030623.D
 Acq: 31 Oct 2017 21:58

Instrument :
 BNA_G
 ClientSampleId :
 EPE-120-3(10-12)

Tot Ion:244 Resp: 1317848

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	9.1	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.09 min Scan# 3711
 Delta R.T. -0.02 min
 Lab File: BG030623.D
 Acq: 31 Oct 2017 21:58

Tgt Ion:264 Resp: 543085

Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	22.4	17.7	26.5

