

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
 Data File : BG023894.D
 Acq On : 25 Aug 2016 10:08
 Operator : UM/SJ
 Sample : H4567-01DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1DL

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Quant Time: Aug 26 11:28:25 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 24 17:42:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	151580	20.00	ng	0.01
21) Naphthalene-d8	10.94	136	636607	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	403809	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	957078	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1065172	20.00	ng	0.00
86) Perylene-d12	25.23	264	1044684	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	47869	5.32	ng	0.01
7) Phenol-d6	7.28	99	44121	3.15	ng	0.02
23) Nitrobenzene-d5	9.29	82	156403	12.21	ng	0.01
41) 2,4,6-Tribromophenol	16.27	330	53947	9.13	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	331001	13.83	ng	0.00
78) Terphenyl-d14	20.14	244	520790	13.34	ng	0.00
Target Compounds						
31) Naphthalene	10.99	128	837042	25.82	ng	Qvalue 98
37) 2-Methylnaphthalene	12.60	142	227585m	9.23	ng	

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

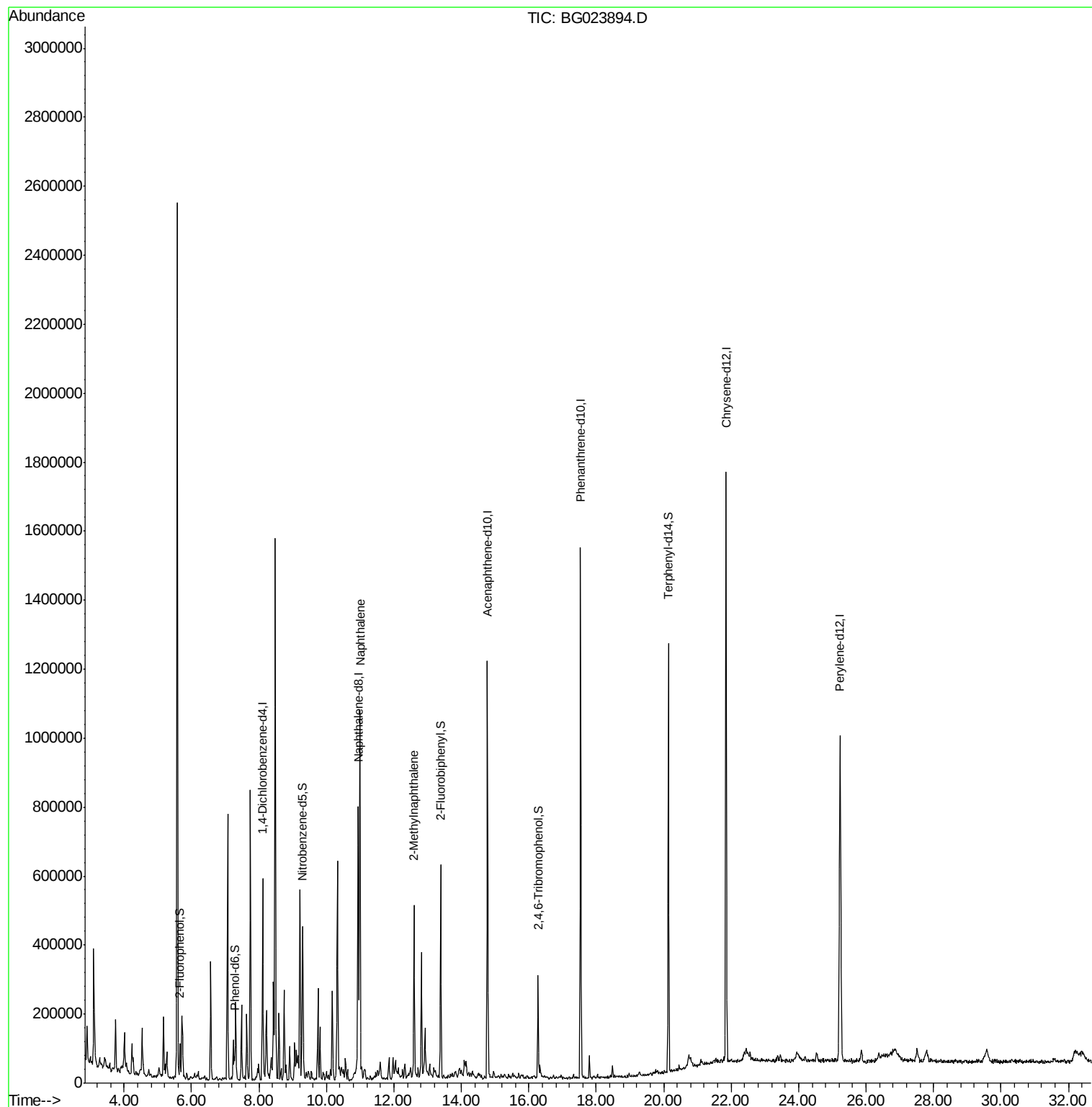
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 897

Delta R.T. 0.01 min

Lab File: BG023894.D

Acq: 25 Aug 2016 10:08

Instrument :

BNA_G

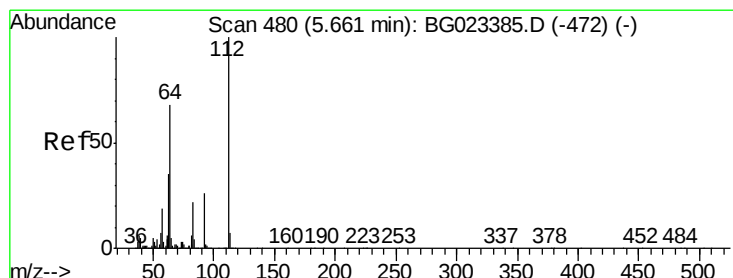
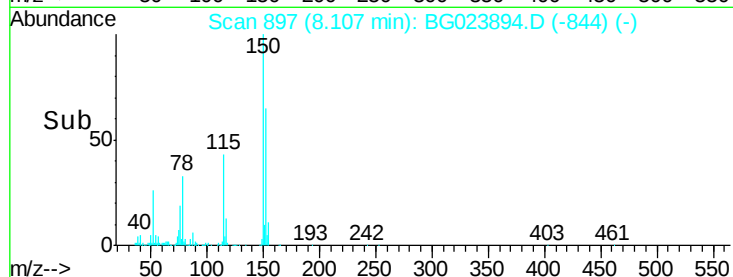
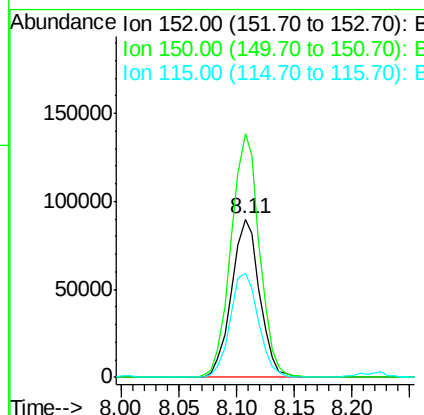
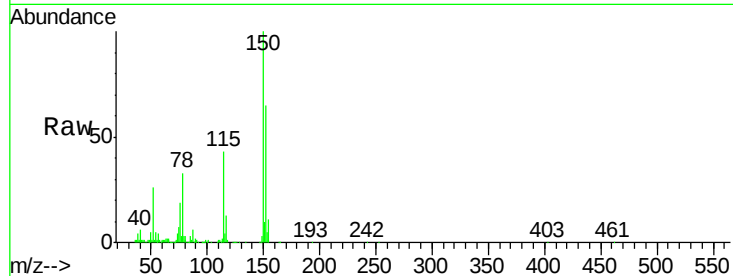
ClientSampled :

MW-1DL

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	151580		
150	154.2	144.7	217.1	
115	66.3	64.0	96.0	

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#5

2-Fluorophenol

Concen: 5.32 ng

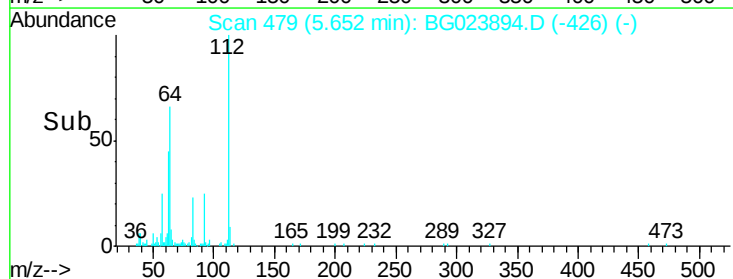
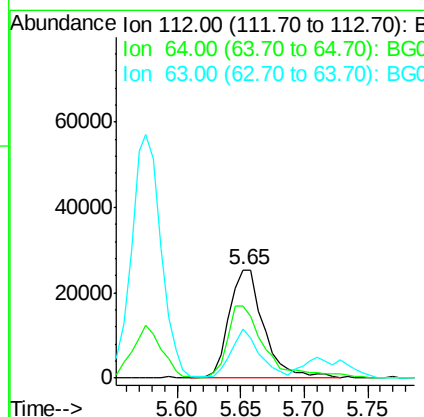
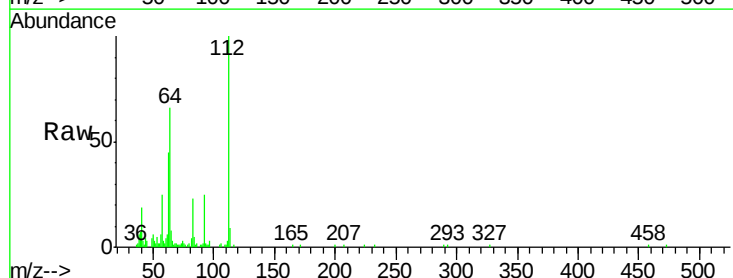
RT: 5.65 min Scan# 479

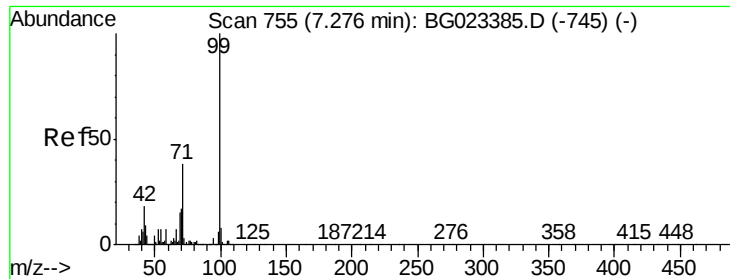
Delta R.T. 0.01 min

Lab File: BG023894.D

Acq: 25 Aug 2016 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	47869		
64	66.4	59.0	88.4	
63	45.1	37.8	56.8	





#7

Phenol-d6

Concen: 3.15 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.02 min

Lab File: BG023894.D

Acq: 25 Aug 2016 10:08

Instrument :

BNA_G

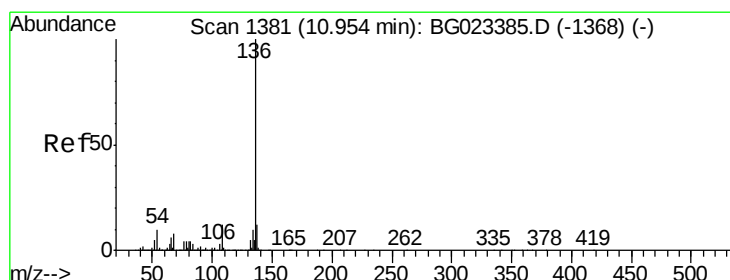
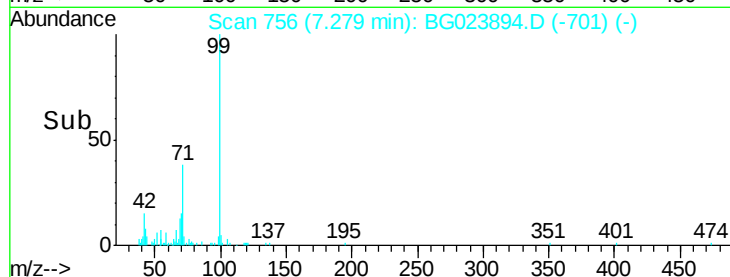
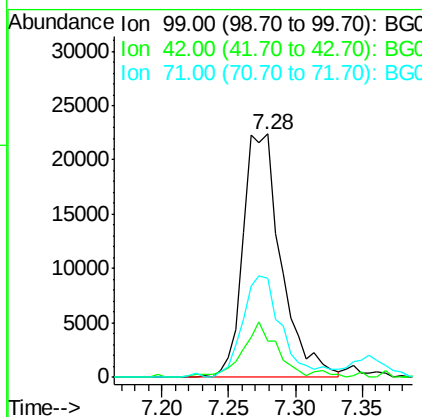
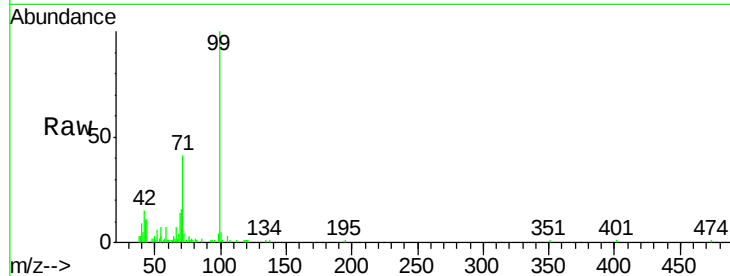
ClientSampleId :

MW-1DL

Tgt Ion:	99	Resp:	44121
Ion Ratio	Lower	Upper	
99	100		
42	15.0	17.8	26.6#
71	40.5	41.5	62.3#

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#21

Naphthalene-d8

Concen: 20.00 ng

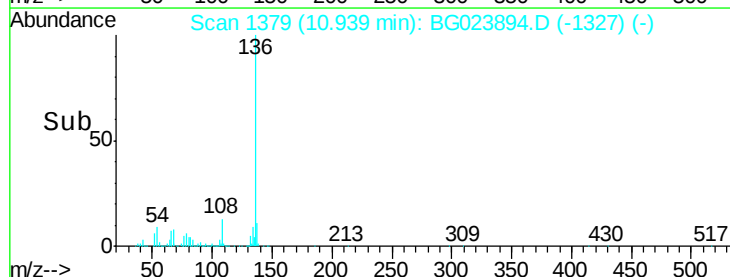
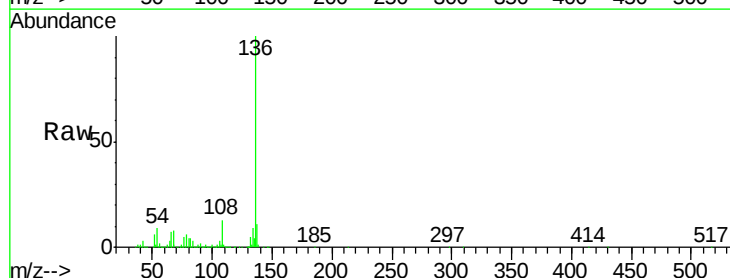
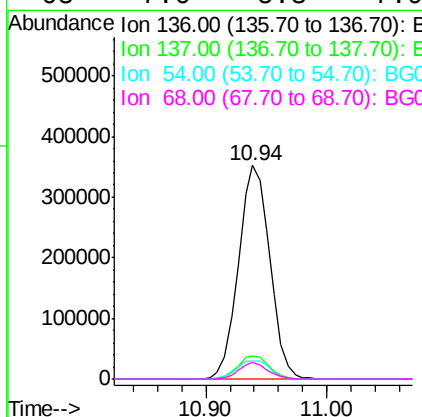
RT: 10.94 min Scan# 1379

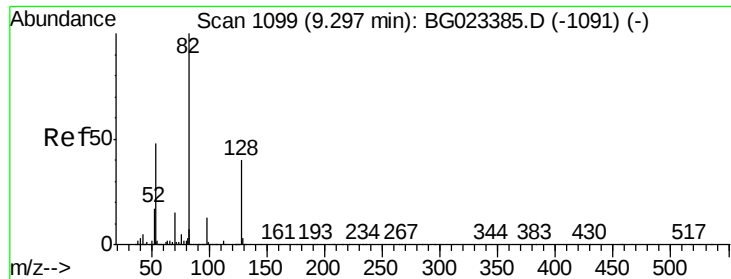
Delta R.T. 0.01 min

Lab File: BG023894.D

Acq: 25 Aug 2016 10:08

Tgt Ion:	136	Resp:	636607
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.6	14.4
54	8.7	7.3	10.9
68	7.6	5.3	7.9





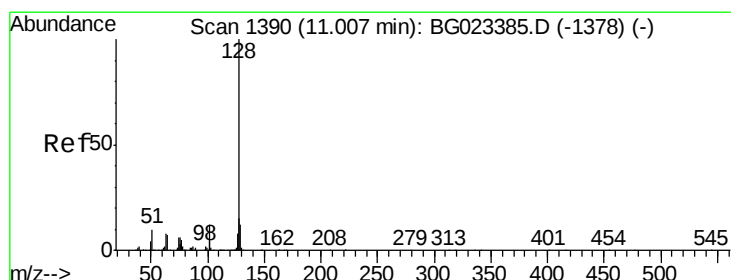
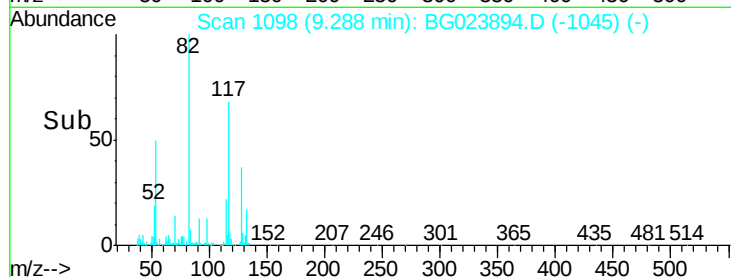
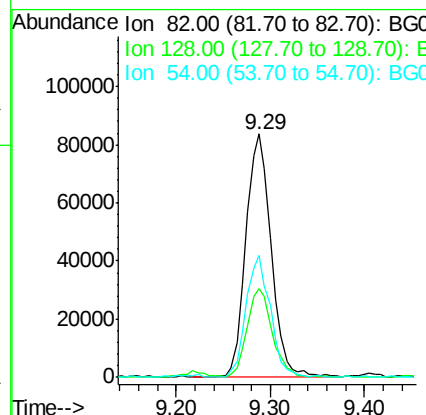
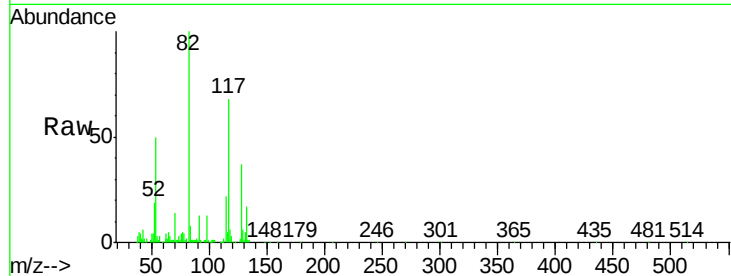
#23
 Nitrobenzene-d5
 Concen: 12.21 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: BG023894.D
 Acq: 25 Aug 2016 10:08

Instrument :
 BNA_G
 ClientSampleId :
 MW-1DL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.6	24.4	36.6#
54	50.0	41.4	62.0

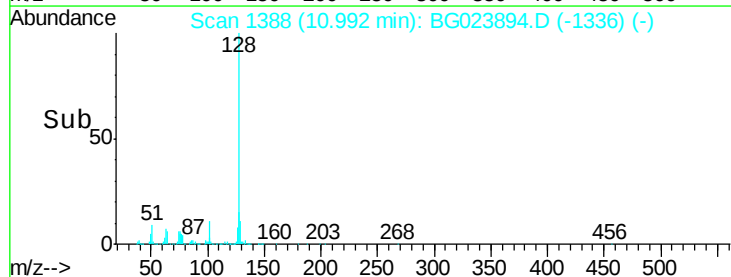
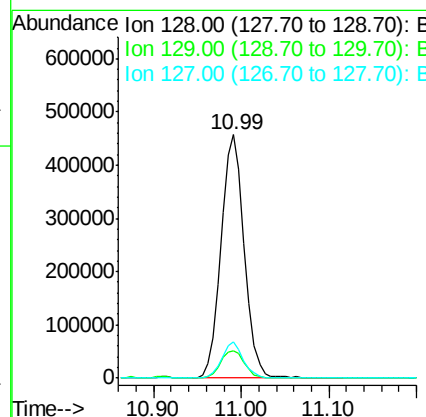
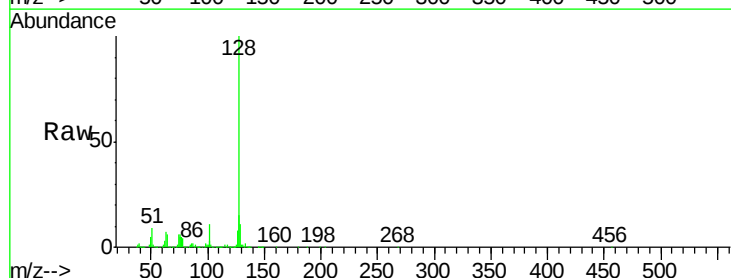
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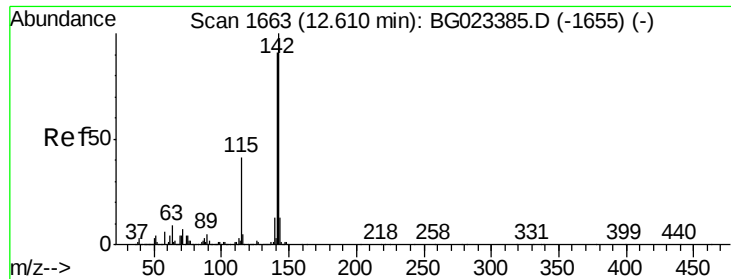
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#31
 Naphthalene
 Concen: 25.82 ng
 RT: 10.99 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: BG023894.D
 Acq: 25 Aug 2016 10:08

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.0
127	15.0	11.3	16.9





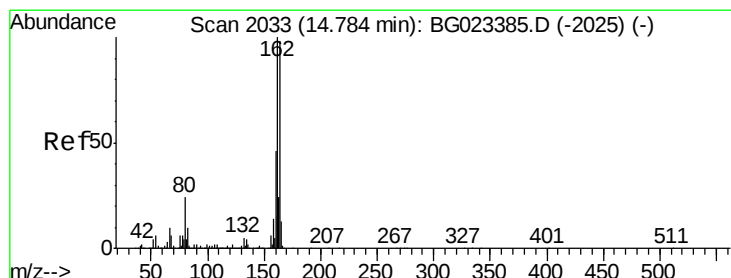
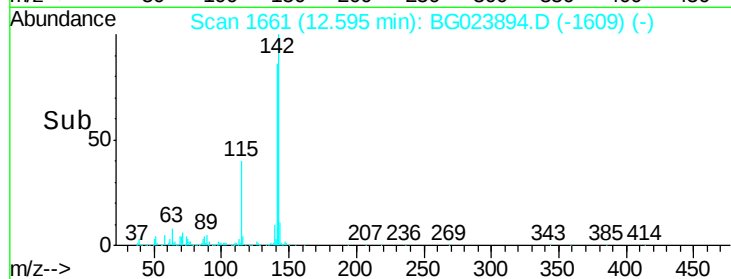
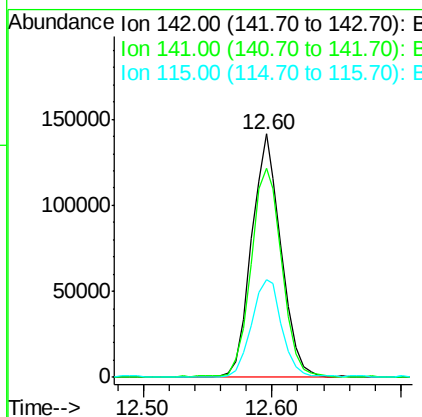
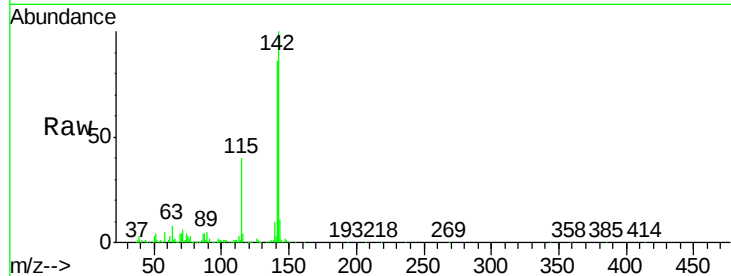
#37
 2-Methylnaphthalene
 Concen: 9.23 ng m
 RT: 12.60 min Scan# 1661
 Delta R.T. 0.01 min
 Lab File: BG023894.D
 Acq: 25 Aug 2016 10:08

Instrument :
 BNA_G
 ClientSampleId :
 MW-1DL

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.7	70.2	105.2
115	39.9	41.7	62.5#

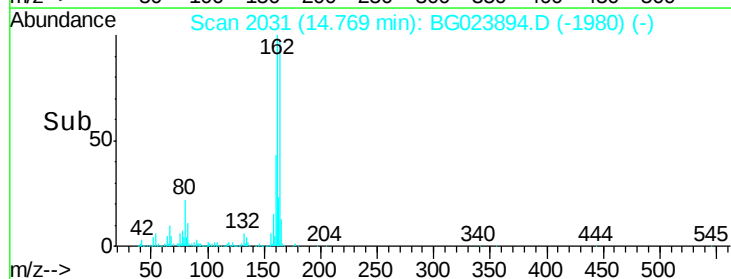
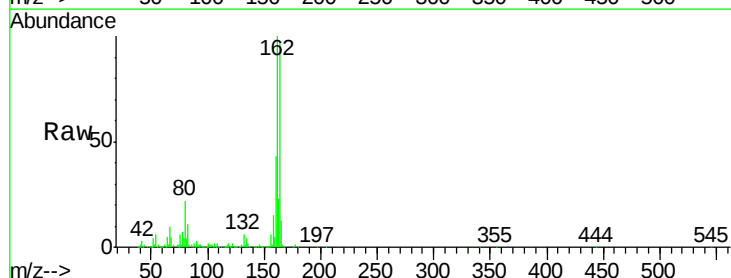
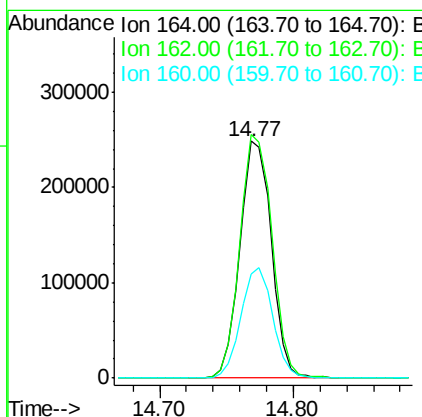
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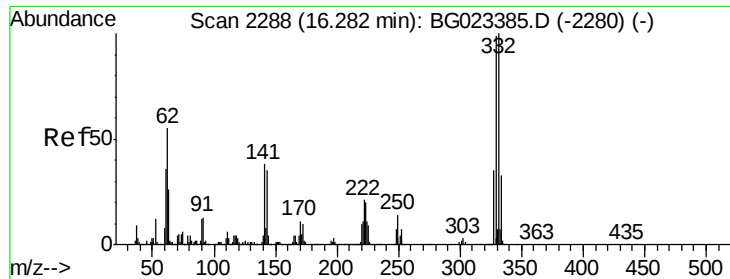
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.77 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: BG023894.D
 Acq: 25 Aug 2016 10:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	87.7	131.5
160	44.2	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 9.13 ng

RT: 16.27 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BG023894.D

Acq: 25 Aug 2016 10:08

Instrument :

BNA_G

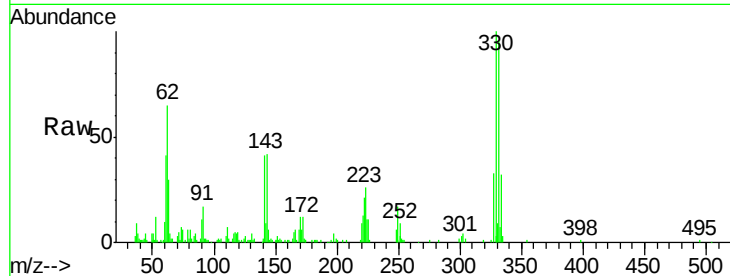
ClientSampleId :

MW-1DL

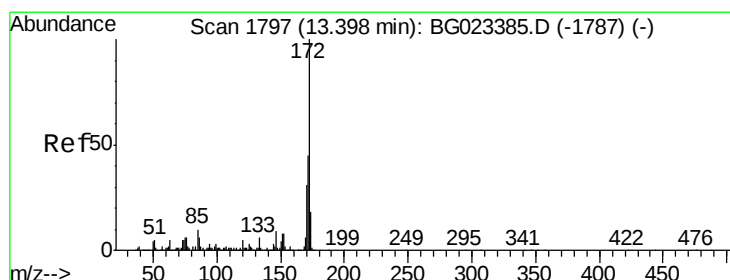
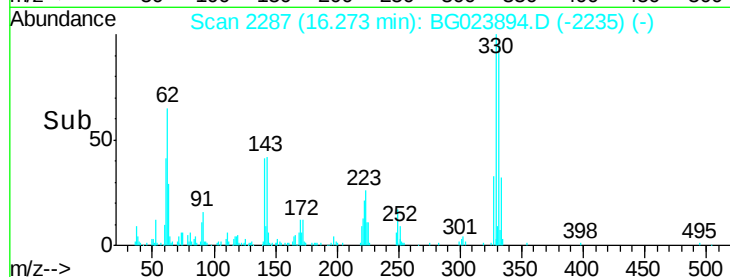
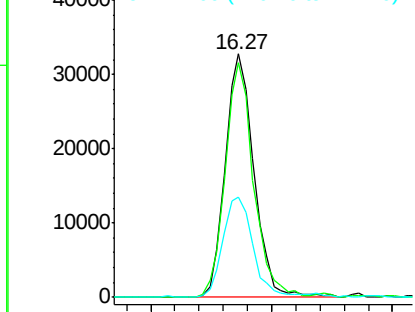
Tgt Ion:	330	Resp:	53947
Ion Ratio	Lower	Upper	
330	100		
332	95.4	77.4	116.2
141	43.9	31.7	47.5

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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: 13.83 ng

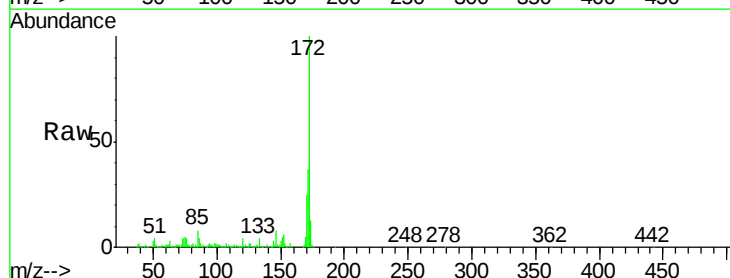
RT: 13.39 min Scan# 1796

Delta R.T. 0.01 min

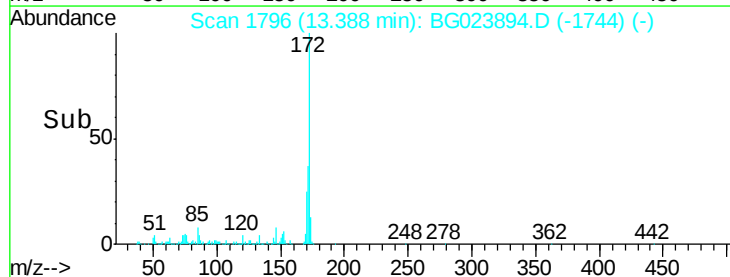
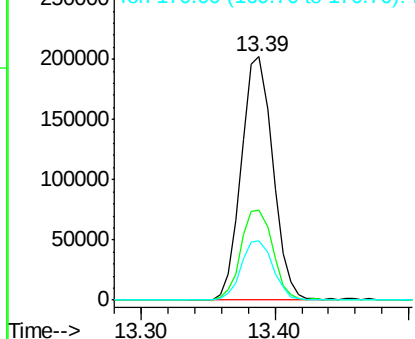
Lab File: BG023894.D

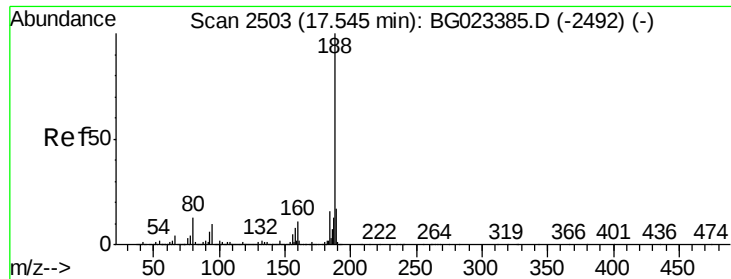
Acq: 25 Aug 2016 10:08

Tgt Ion:	172	Resp:	331001
Ion Ratio	Lower	Upper	
172	100		
171	36.9	31.6	47.4
170	24.5	21.3	31.9



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





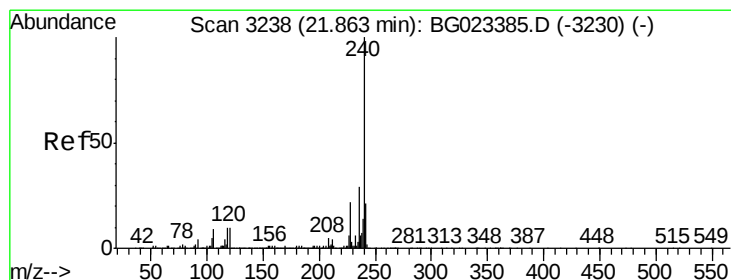
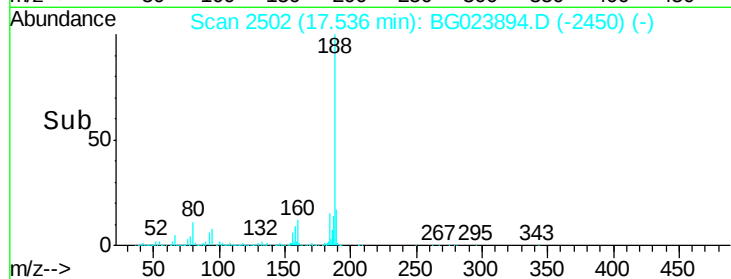
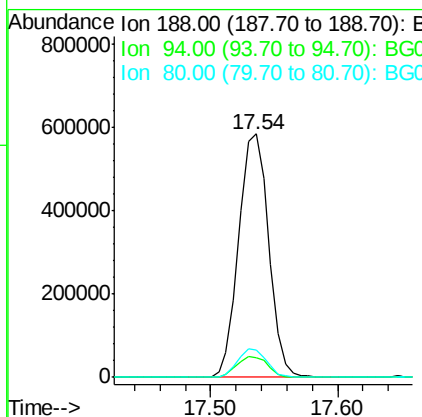
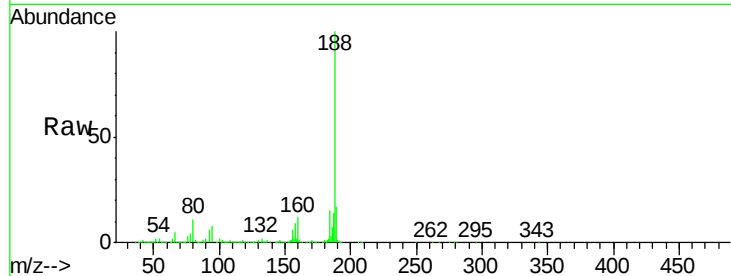
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2502
Delta R.T. 0.01 min
Lab File: BG023894.D
Acq: 25 Aug 2016 10:08

Instrument :
BNA_G
ClientSampleId :
MW-1DL

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	957078		
94	8.1	5.2	7.8#	
80	11.3	7.2	10.8#	

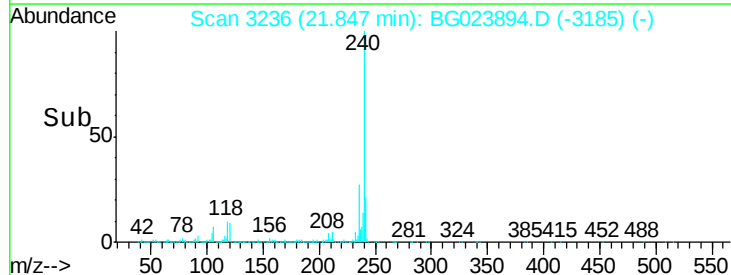
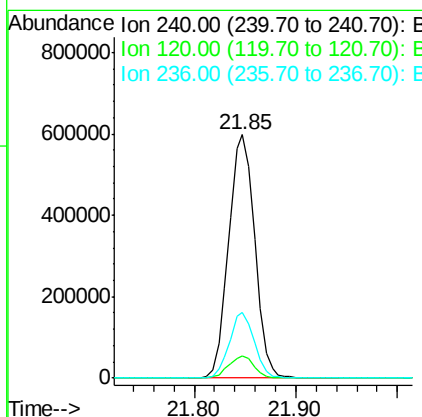
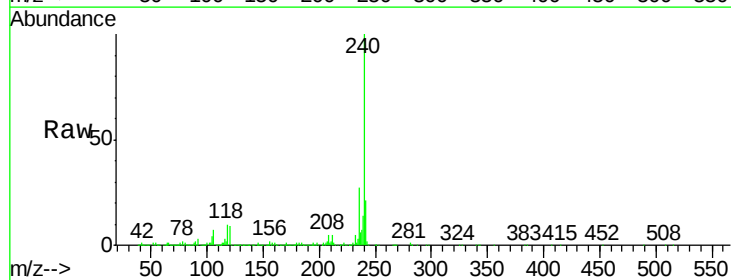
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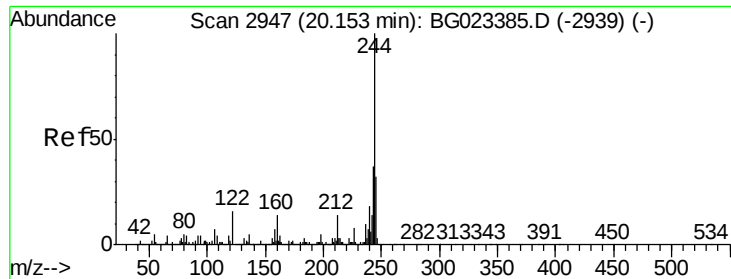
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.00 min
Lab File: BG023894.D
Acq: 25 Aug 2016 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	1065172		
120	8.9	4.1	6.1#	
236	27.0	21.1	31.7	





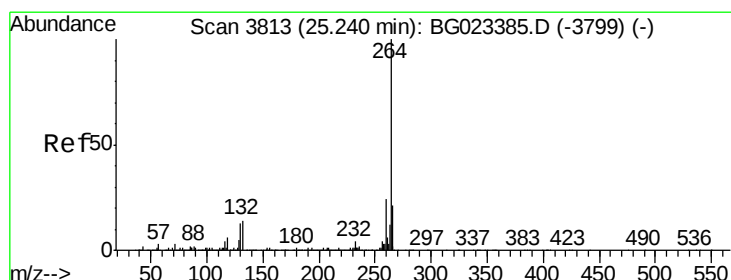
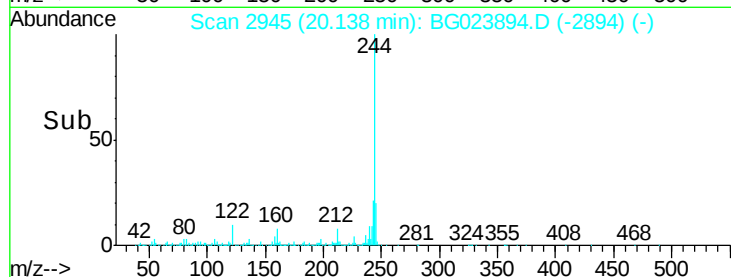
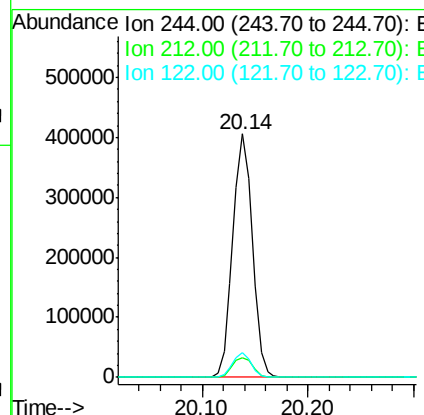
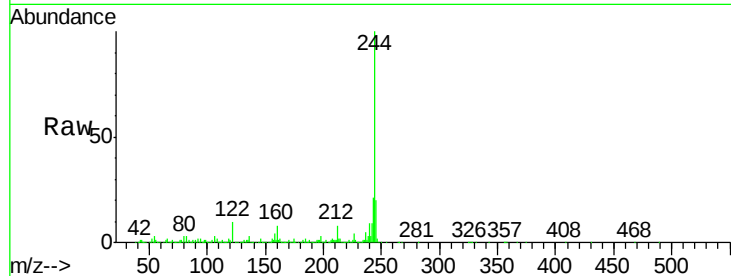
#78
 Terphenyl-d14
 Concen: 13.34 ng
 RT: 20.14 min Scan# 2945
 Delta R.T. 0.00 min
 Lab File: BG023894.D
 Acq: 25 Aug 2016 10:08

Instrument :
 BNA_G
 ClientSampled :
 MW-1DL

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	520790		
212	8.2	10.8	16.2#	
122	10.1	8.0	12.0	

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.23 min Scan# 3811
 Delta R.T. 0.00 min
 Lab File: BG023894.D
 Acq: 25 Aug 2016 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	1044684		
260	23.4	18.4	27.6	
265	21.6	18.9	28.3	

