

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
 Data File : BG025156.D
 Acq On : 13 Dec 2016 22:09
 Operator : UM/SJ
 Sample : H5990-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P006-PCS-03

Manual Integrations
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Quant Time: Dec 14 09:51:01 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 14 03:19:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	101382	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	422275	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	310271	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	607084	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	741982	20.00	ng/ul	0.00
83) Perylene-d12	25.39	264	801449m	20.00	ng/ul	0.07

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	9449	4.81	ng/uL	0.00
5) Phenol-d5	7.38	99	255112	29.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	171214	31.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	179389	29.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	211218	28.90	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	99304	33.21	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	120977	32.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	223428	31.16	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	104512	14.83	ng/ul	0.01
43) Dimethylphthalate-d6	14.25	166	691188	32.39	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	807574	34.55	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	101221	27.60	ng/ul	0.00
57) Fluorene-d10	15.85	176	625648	31.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	104316	27.79	ng/ul	0.00
70) Anthracene-d10	17.70	188	910446	35.53	ng/ul	0.00
76) Pyrene-d10	19.98	212	1023499	33.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.15	264	1199109m	36.93	ng/ul	0.07

Target Compounds

						Ovalue
4) Benzaldehyde	7.37	77	30448	4.62	ng/ul	94
6) Phenol	7.41	94	18846	2.10	ng/ul	96
14) Acetophenone	9.07	105	21895	1.97	ng/ul#	81
28) Naphthalene	11.12	128	27992	1.43	ng/ul#	95
34) 2-Methylnaphthalene	12.70	142	22234	1.44	ng/ul#	79
40) 1,1'-Biphenyl	13.69	154	65491	3.48	ng/ul#	94
44) Dimethylphthalate	14.29	163	41266	1.97	ng/ul	96
69) Phenanthrene	17.64	178	150650	5.20	ng/ul	99
73) Di-n-butylphthalate	18.52	149	147970	4.72	ng/ul	97
74) Fluoranthene	19.64	202	45120	1.31	ng/ul#	68
77) Pyrene	20.01	202	137161	3.85	ng/ul#	89
80) Benzo(a)anthracene	21.93	228	622956m	16.16	ng/ul	
82) Chrysene	21.95	228	315224m	8.74	ng/ul	

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

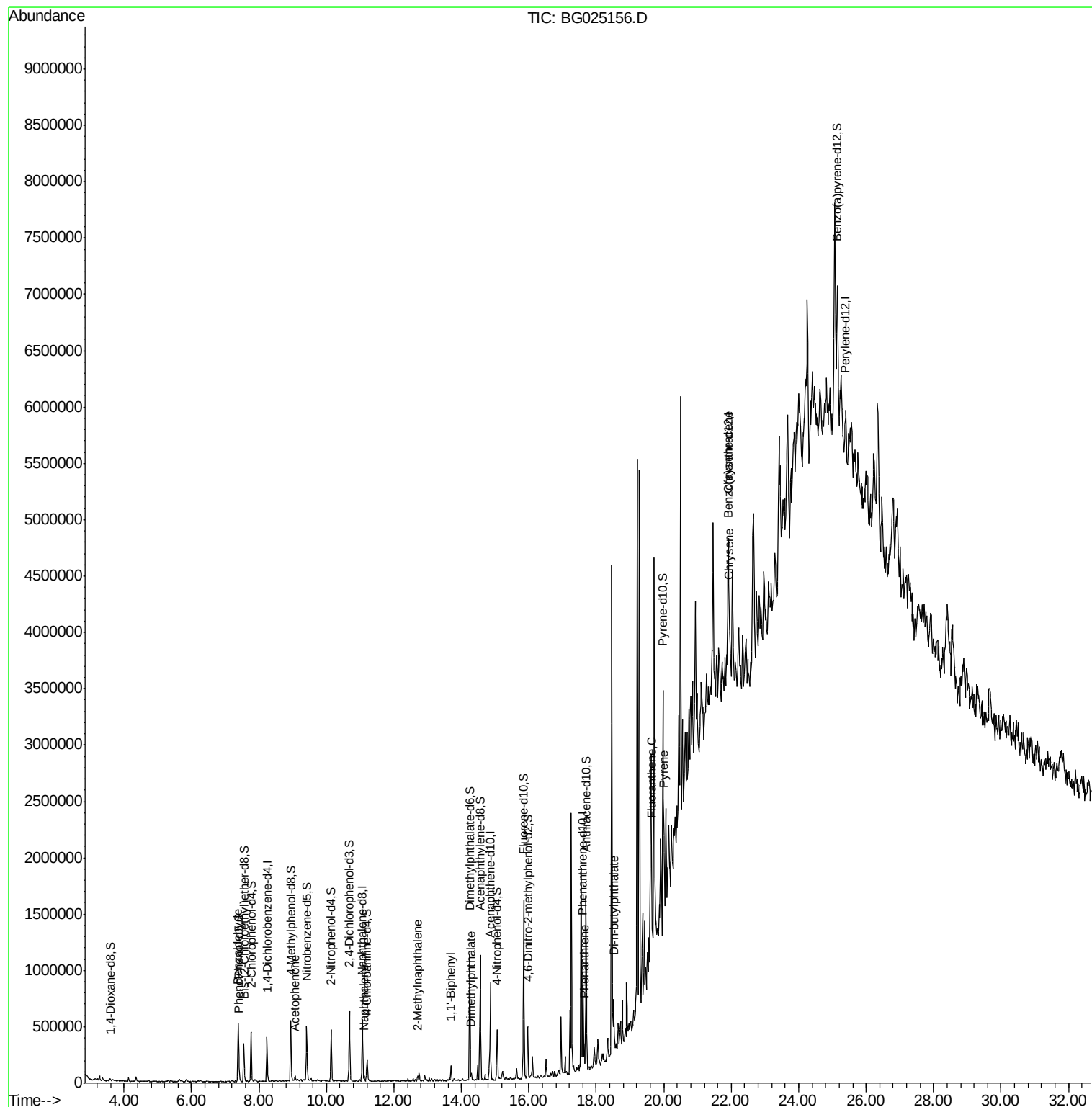
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025156.D
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Sample : H5990-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

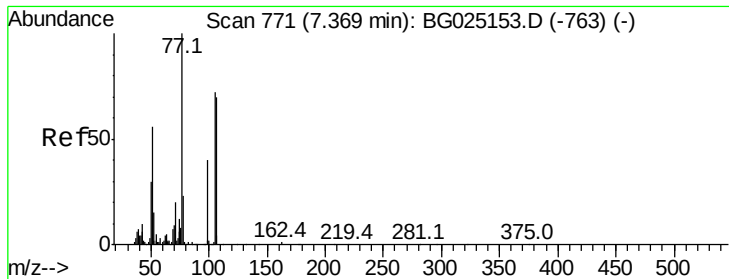
Instrument :
BNA_G
ClientSampleId :
P006-PCS-03

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Quant Time: Dec 14 09:51:01 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 14 03:19:35 2016
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 4.62 ng/ul

RT: 7.37 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG025156.D

Acq: 13 Dec 2016 22:09

Instrument :

BNA_G

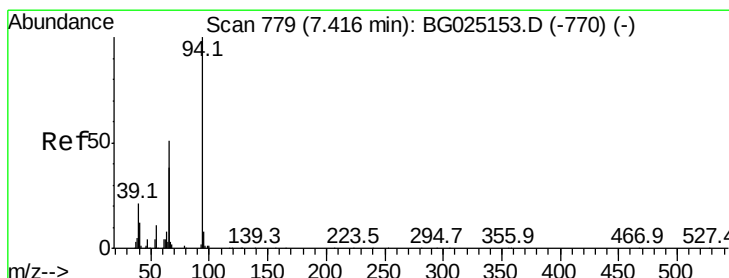
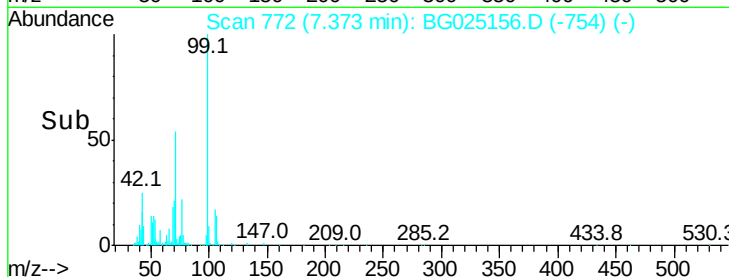
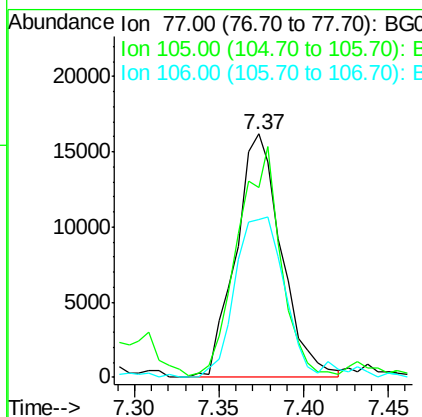
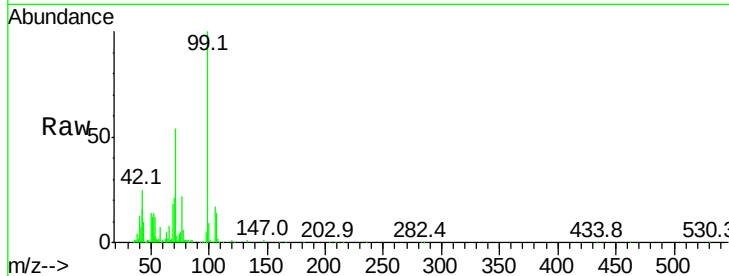
ClientSampleId :

P006-PCS-03

Tot Ion	Ratio	Lower	Upper
77	100		
105	77.8	62.0	93.0
106	65.1	60.2	90.4

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#6

Phenol

Concen: 2.10 ng/ul

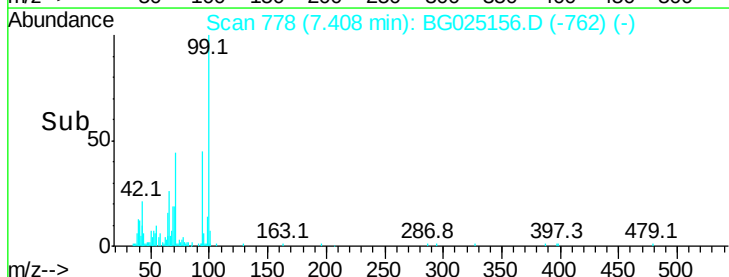
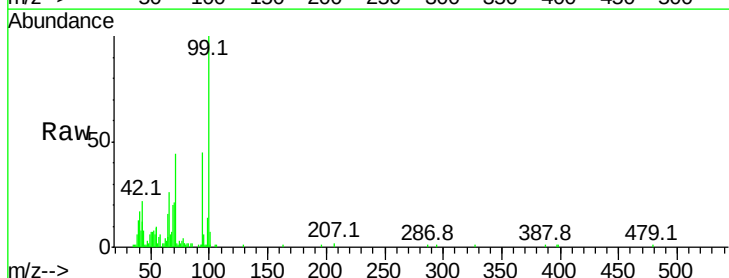
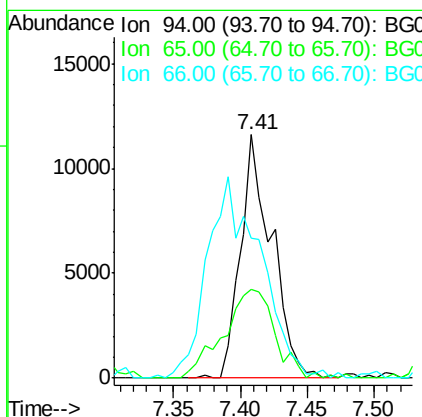
RT: 7.41 min Scan# 778

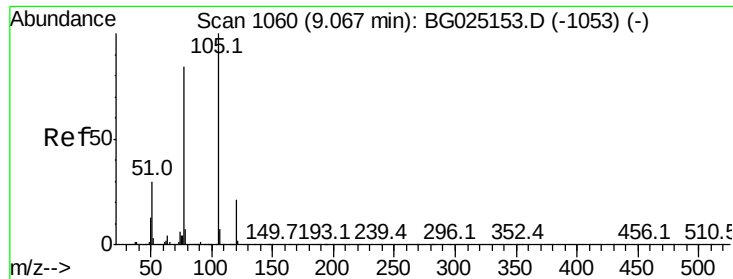
Delta R.T. -0.01 min

Lab File: BG025156.D

Acq: 13 Dec 2016 22:09

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.4	26.8	40.2
66	57.6	44.4	66.6





#14

Acetophenone

Concen: 1.97 ng/ul

RT: 9.07 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BG025156.D

Acq: 13 Dec 2016 22:09

Instrument :

BNA_G

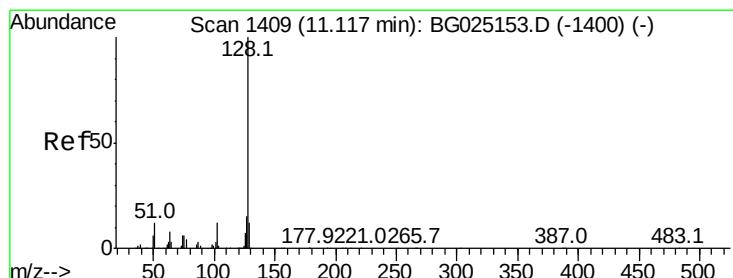
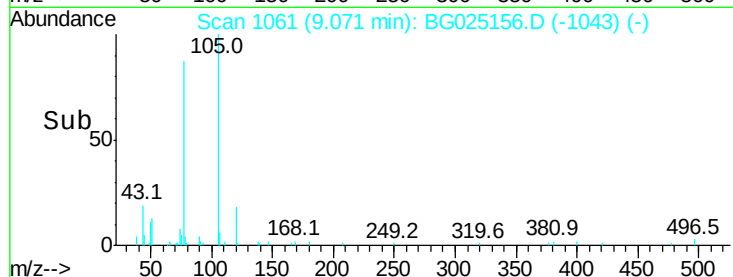
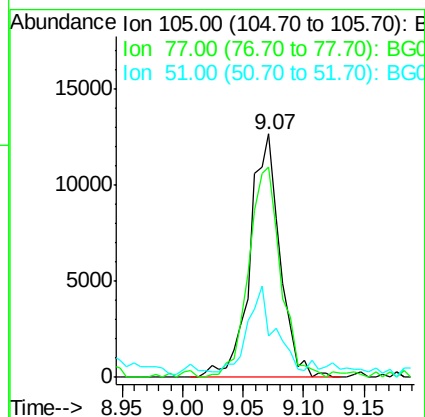
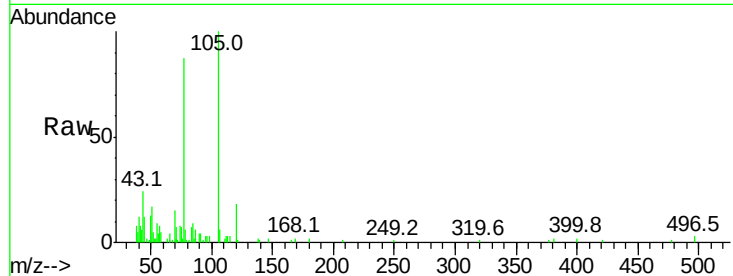
ClientSampleId :

P006-PCS-03

Tot Ion:	105	Resp:	21895
Ion Ratio	Lower	Upper	
105	100		
77	86.5	76.0	114.0
51	17.2	34.8	52.2#

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#28

Naphthalene

Concen: 1.43 ng/ul

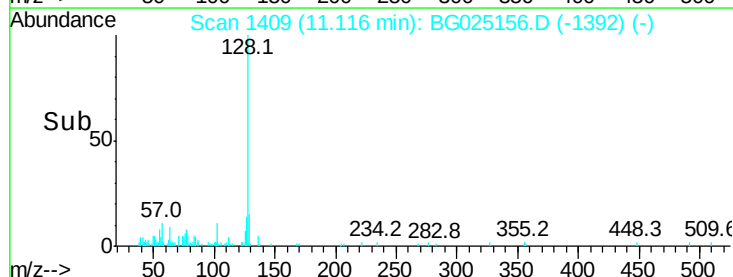
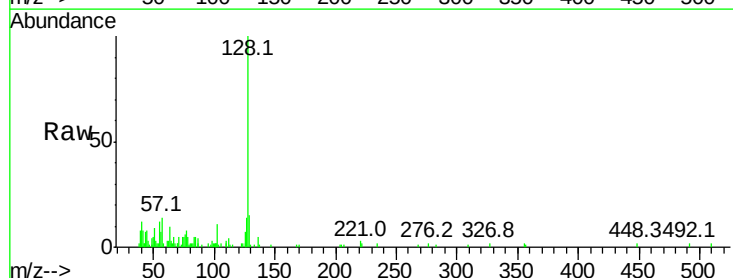
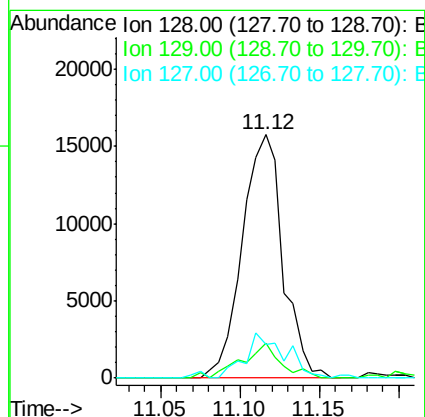
RT: 11.12 min Scan# 1409

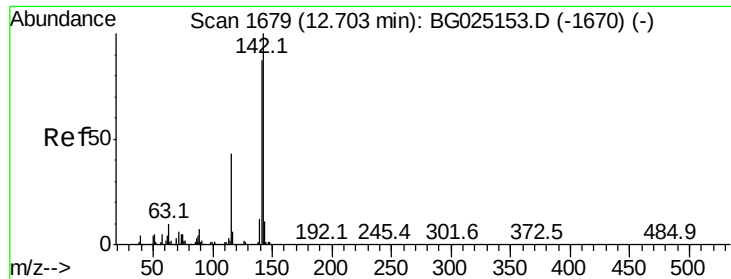
Delta R.T. -0.00 min

Lab File: BG025156.D

Acq: 13 Dec 2016 22:09

Tgt Ion:	128	Resp:	27992
Ion Ratio	Lower	Upper	
128	100		
129	14.6	9.4	14.2#
127	14.1	10.3	15.5





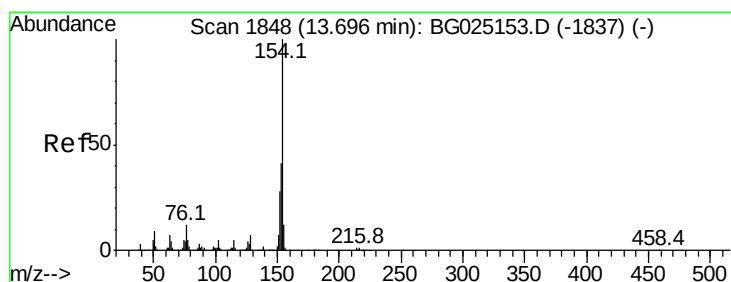
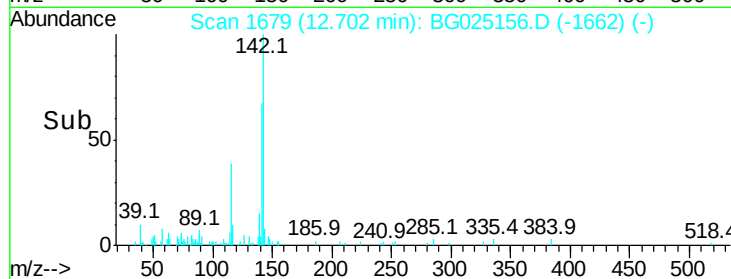
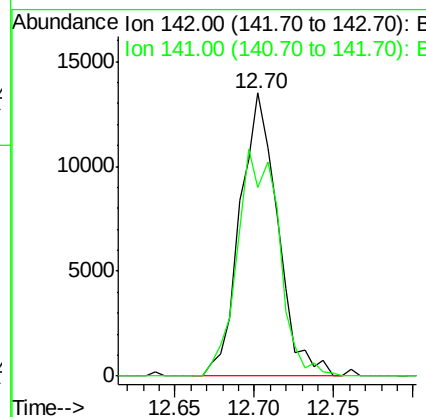
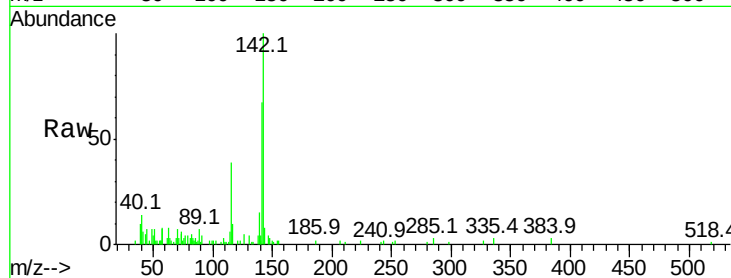
#34
 2-Methylnaphthalene
 Concen: 1.44 ng/ul
 RT: 12.70 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BG025156.D
 Acq: 13 Dec 2016 22:09

Instrument :
 BNA_G
 ClientSampleId :
 P006-PCS-03

Tot Ion:142 Resp: 22234
 Ion Ratio Lower Upper
 142 100
 141 66.8 68.6 102.8#

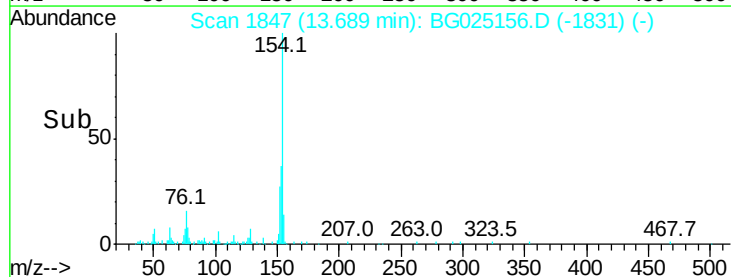
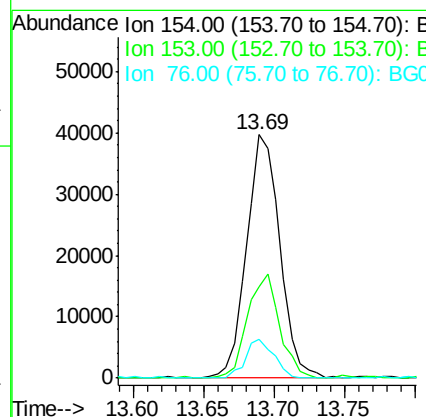
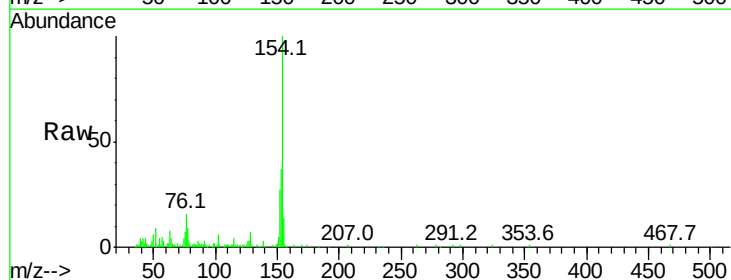
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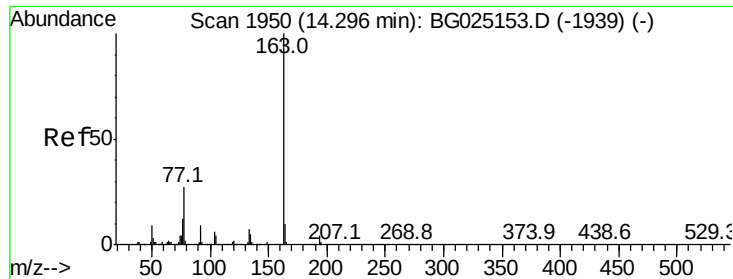
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#40
 1,1'-Biphenyl
 Concen: 3.48 ng/ul
 RT: 13.69 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BG025156.D
 Acq: 13 Dec 2016 22:09

Tgt Ion:154 Resp: 65491
 Ion Ratio Lower Upper
 154 100
 153 37.4 32.2 48.2
 76 16.0 9.6 14.4#





#44

Dimethylphthalate

Concen: 1.97 ng/ul

RT: 14.29 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG025156.D

Acq: 13 Dec 2016 22:09

Instrument :

BNA_G

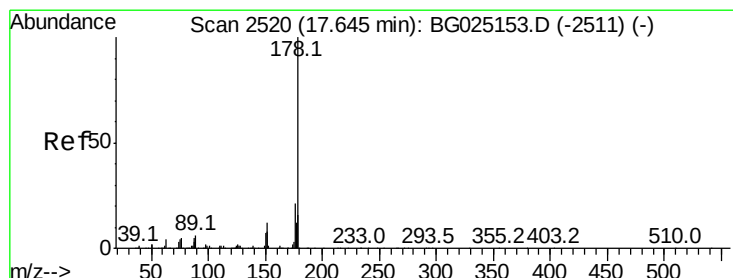
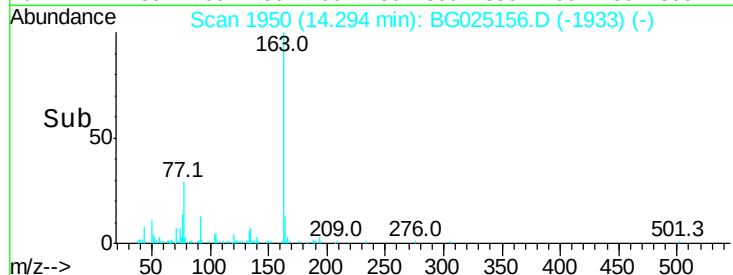
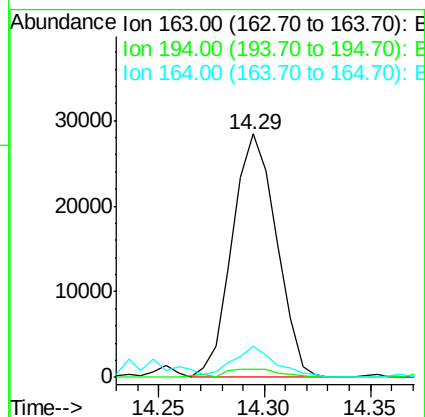
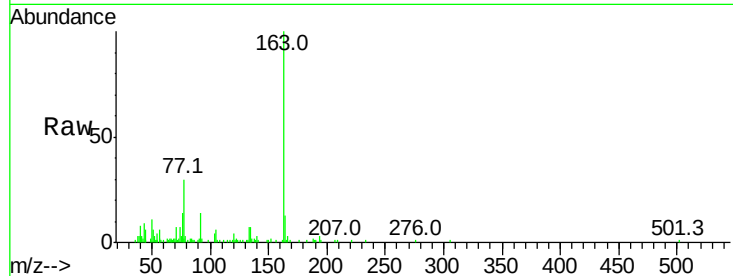
ClientSampleId :

P006-PCS-03

Tot Ion:	163	Resp:	41266
Ion Ratio	Lower	Upper	
163	100		
194	3.5	3.4	5.0
164	13.0	9.0	13.4

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#69

Phenanthrene

Concen: 5.20 ng/ul

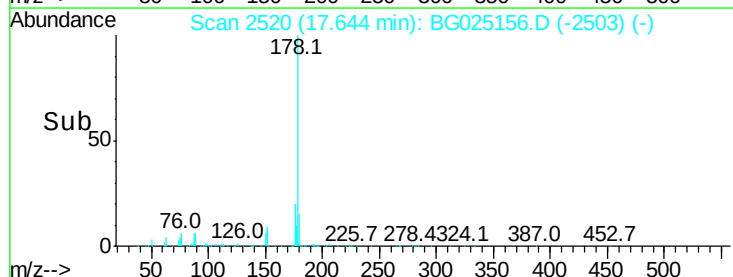
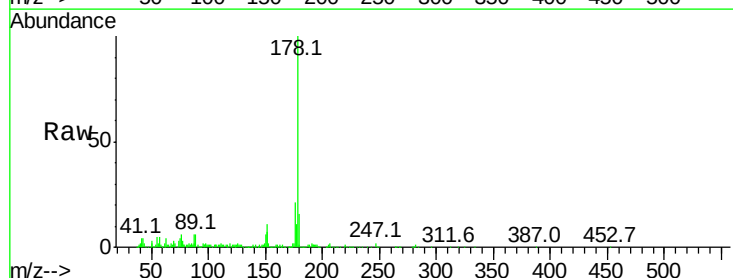
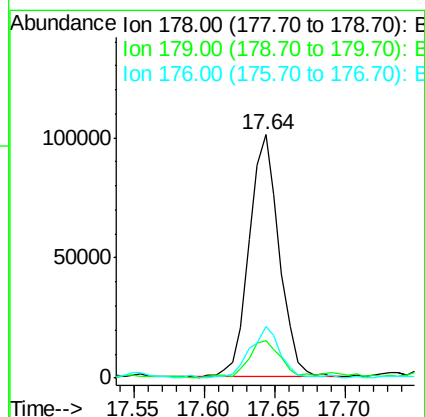
RT: 17.64 min Scan# 2520

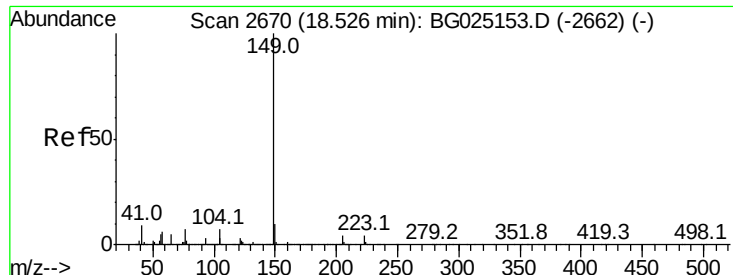
Delta R.T. -0.00 min

Lab File: BG025156.D

Acq: 13 Dec 2016 22:09

Tgt Ion:	178	Resp:	150650
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.4	18.6
176	21.1	16.5	24.7





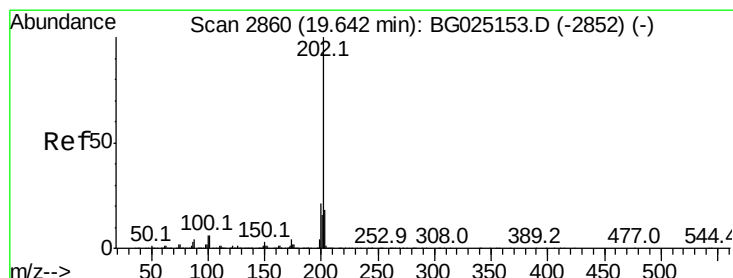
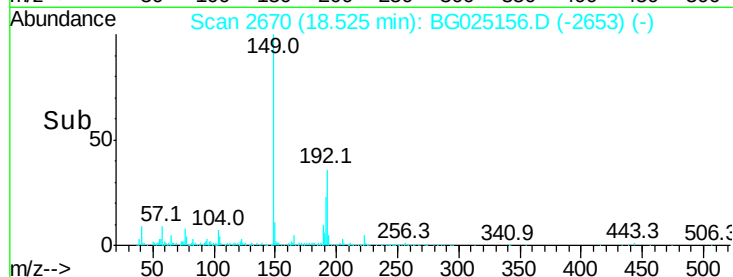
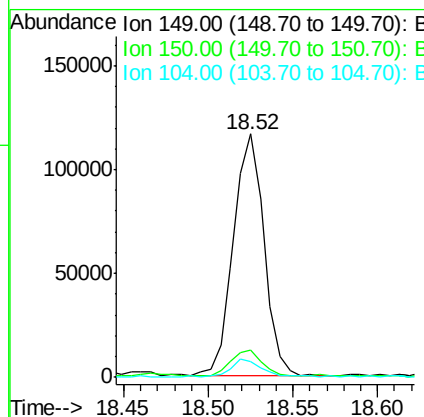
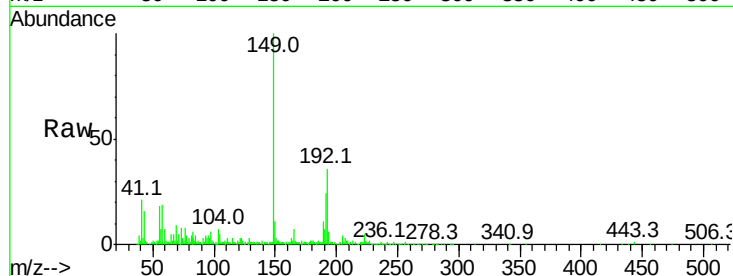
#73
Di-n-butylphthalate
Concen: 4.72 ng/ul
RT: 18.52 min Scan# 2670
Delta R.T. -0.00 min
Lab File: BG025156.D
Acq: 13 Dec 2016 22:09

Instrument :
BNA_G
ClientSampleId :
P006-PCS-03

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	11.1	7.9	11.9	
104	6.6	5.8	8.8	

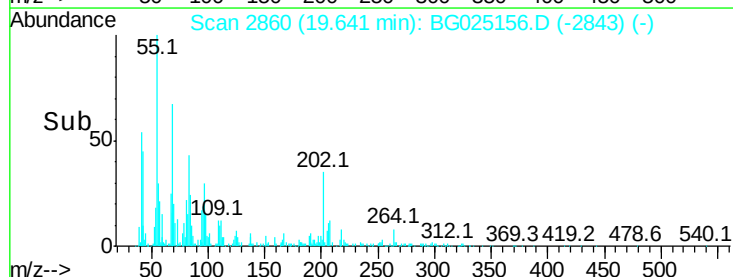
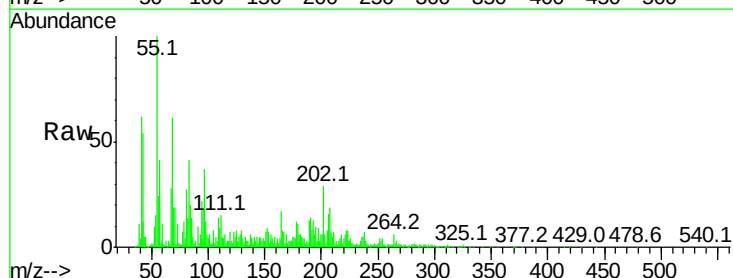
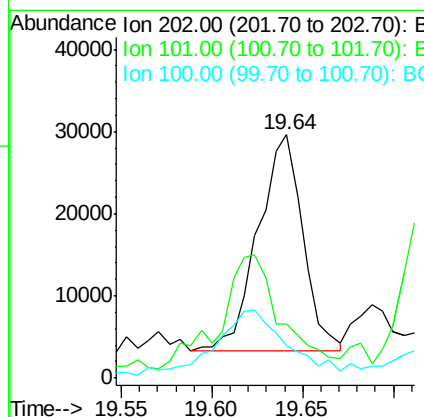
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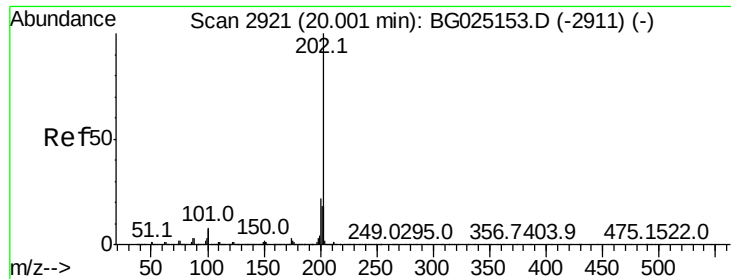
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#74
Fluoranthene
Concen: 1.31 ng/ul
RT: 19.64 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BG025156.D
Acq: 13 Dec 2016 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	22.4	6.2	9.2#	
100	13.5	5.2	7.8#	





#77

Pvrene

Concen: 3.85 ng/ul

RT: 20.01 min Scan# 2922

Delta R.T. 0.00 min

Lab File: BG025156.D

Acq: 13 Dec 2016 22:09

Instrument :

BNA_G

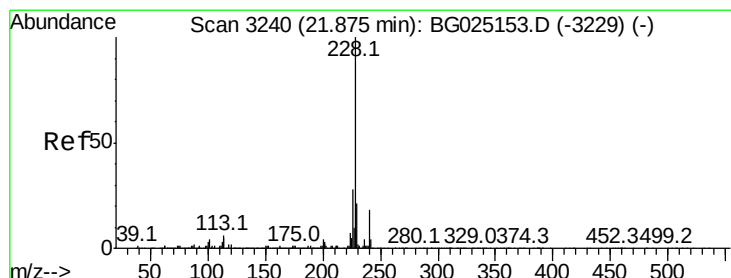
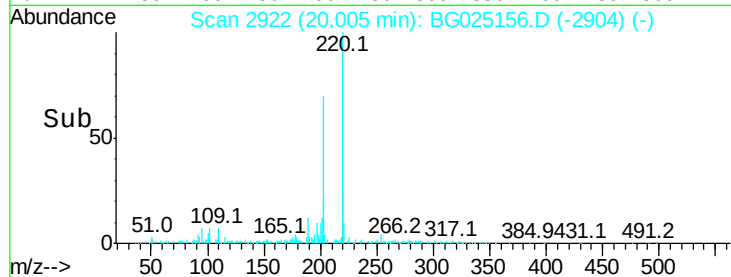
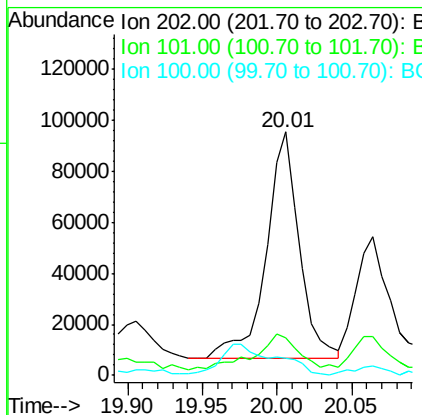
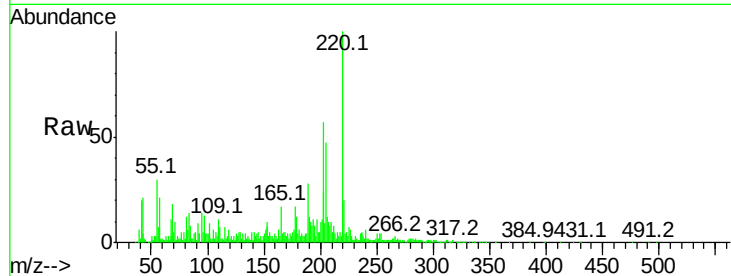
ClientSampleId :

P006-PCS-03

Tot Ion:	202	Resp:	137161
Ion Ratio	Lower	Upper	
202	100		
101	15.3	6.9	10.3#
100	6.9	6.6	10.0

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#80

Benzo(a)anthracene

Concen: 16.16 ng/ul m

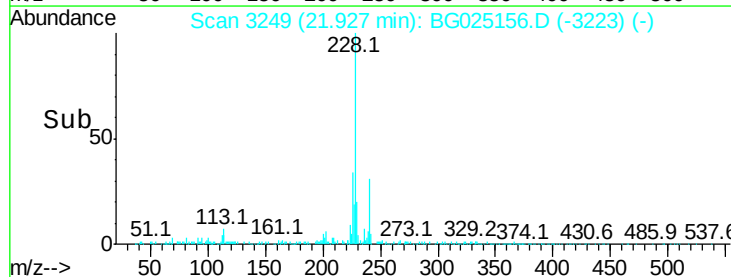
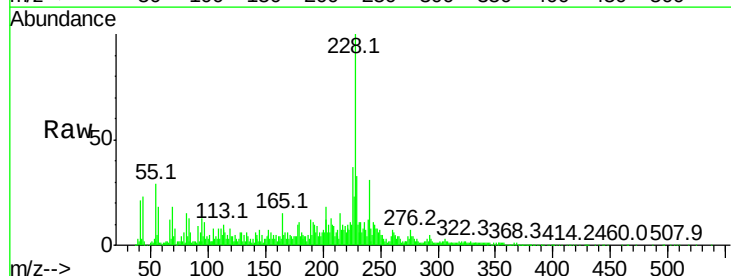
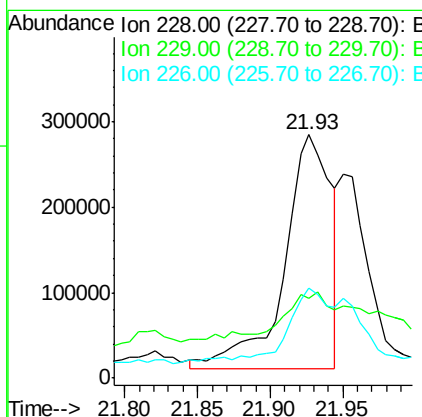
RT: 21.93 min Scan# 3249

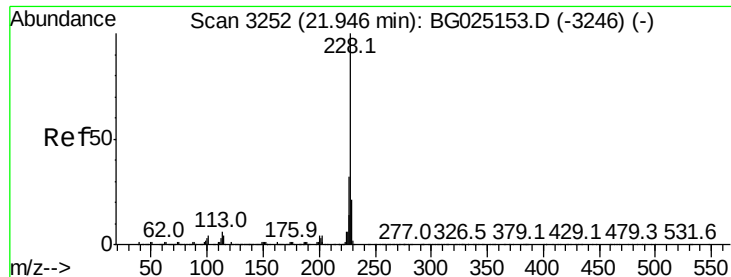
Delta R.T. 0.05 min

Lab File: BG025156.D

Acq: 13 Dec 2016 22:09

Tgt Ion:	228	Resp:	622956
Ion Ratio	Lower	Upper	
228	100		
229	32.6	16.3	24.5#
226	36.8	21.9	32.9#





#82

Chrysene

Concen: 8.74 ng/ul m

RT: 21.95 min Scan# 3253

Delta R.T. 0.00 min

Lab File: BG025156.D

Acq: 13 Dec 2016 22:09

Instrument :

BNA_G

ClientSampleId :

P006-PCS-03

Tot Ion:	228	Resp:	315224
Ion Ratio	Lower	Upper	
228	100		
226	38.8	24.0	36.0#
229	35.6	16.9	25.3#

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