

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
 Data File : BG020754.D
 Acq On : 15 Jan 2016 16:01
 Operator : SJ/IZ
 Sample : H1101-16 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 BC9F7

Manual Integrations
 APPROVED

Sohil
 1/16/2016 3:03:20 AM

Quant Time: Jan 16 00:05:08 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 15 22:12:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	17093	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	72496	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	52013	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	132234	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	156778	20.00	ng/ul	0.00
86) Perylene-d12	24.96	264	151054	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.22	99	1603	1.09	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.36	67	1058	1.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	1564	1.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	1327m	1.07	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	803m	1.40	ng/ul	0.02
22) 2-Nitrophenol-d4	9.94	143	889m	1.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	1794	1.42	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.08	166	7653	1.69	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	9080	1.78	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.67	176	7302	1.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.52	188	12260	1.89	ng/ul	0.00
79) Pyrene-d10	19.81	212	14521	1.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	14714	1.83	ng/ul	0.00

Target Compounds

						Qvalue
59) Fluorene	15.73	166	5955	1.31	ng/ul	94
70) Phenanthrene	17.47	178	132586	16.85	ng/ul	99
72) Anthracene	17.56	178	14892	1.87	ng/ul	98
75) Carbazole	17.83	167	7661	1.18	ng/ul	95
77) Fluoranthene	19.48	202	202010	21.12	ng/ul	98
80) Pyrene	19.84	202	240265	24.17	ng/ul	100
83) Benzo(a)anthracene	21.68	228	112240	11.48	ng/ul	97
85) Chrysene	21.75	228	126826	13.71	ng/ul	96
88) Benzo(b)fluoranthene	23.92	252	111082	11.42	ng/ul#	97
89) Benzo(k)fluoranthene	23.98	252	43624m	4.54	ng/ul	
91) Benzo(a)pyrene	24.80	252	97774	10.44	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.68	276	56569	5.12	ng/ul	95
93) Dibenzo(a,h)anthracene	28.70	278	18835m	2.07	ng/ul	
94) Benzo(g,h,i)perylene	29.84	276	58483	6.42	ng/ul	95

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

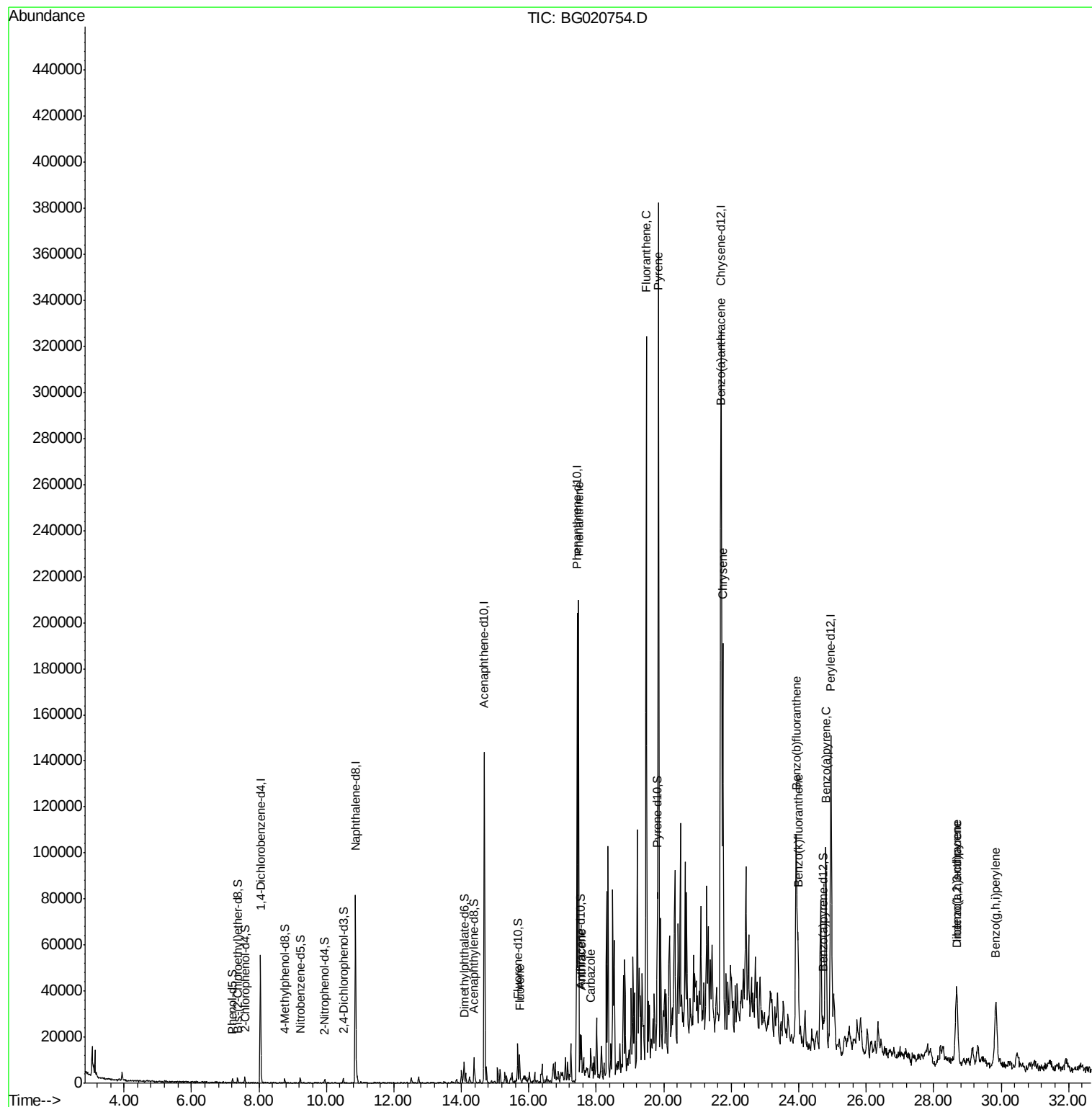
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
Data File : BG020754.D
Acq On : 15 Jan 2016 16:01
Operator : SJ/IZ
Sample : H1101-16 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

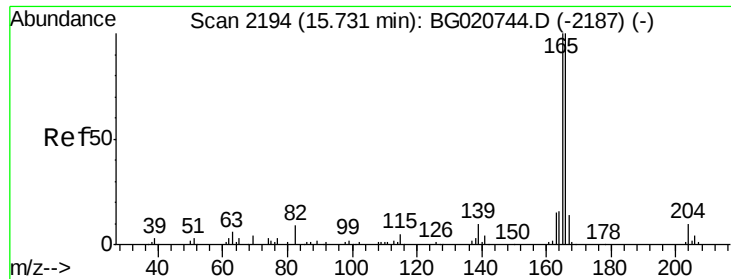
Instrument :
BNA_G
ClientSampleId :
BC9F7

Manual Integrations
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Quant Time: Jan 16 00:05:08 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





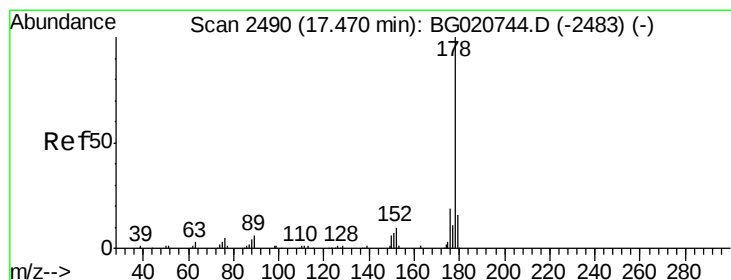
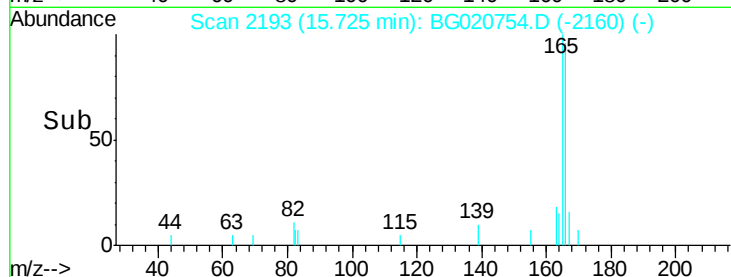
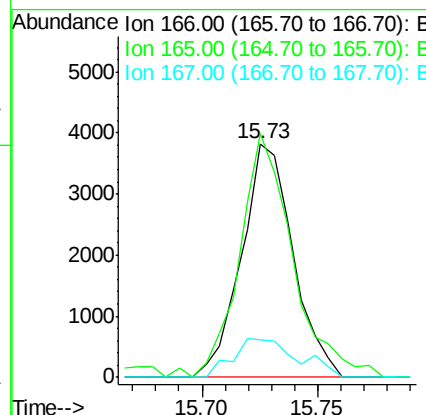
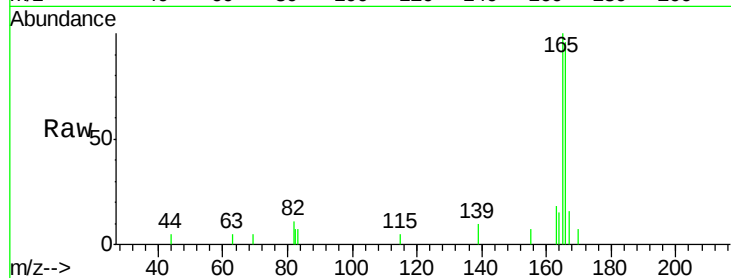
#59
 Fluorene
 Concen: 1.31 ng/ul
 RT: 15.73 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG020754.D
 Acq: 15 Jan 2016 16:01

Instrument :
 BNA_G
 ClientSampleId :
 BC9F7

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	5955		
165	104.2	78.4	117.6	
167	16.2	11.1	16.7	

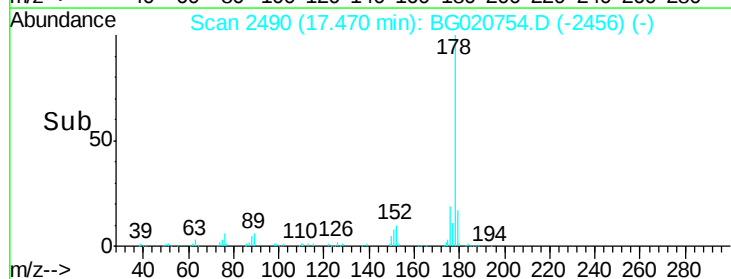
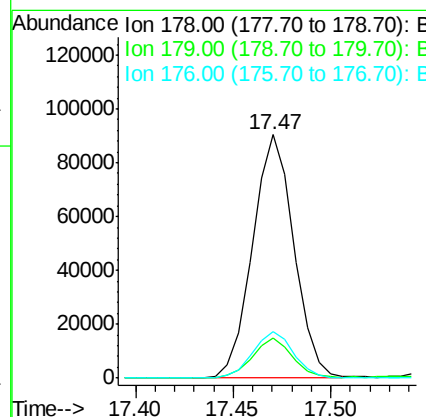
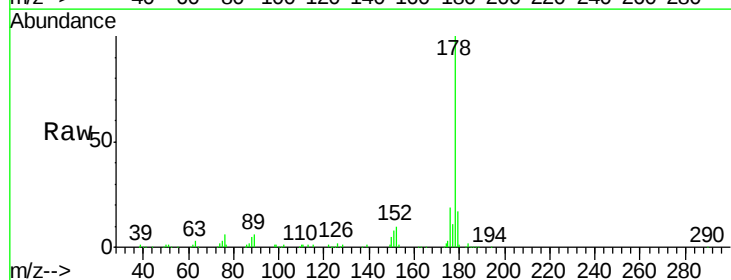
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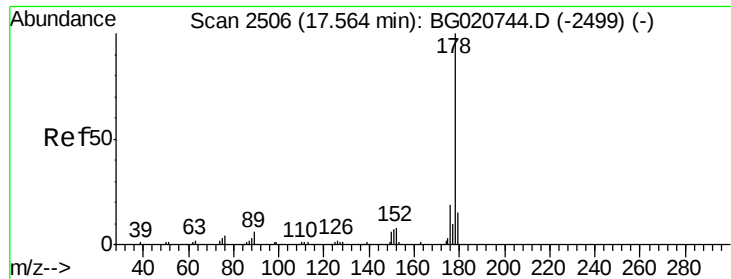
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#70
 Phenanthrene
 Concen: 16.85 ng/ul
 RT: 17.47 min Scan# 2490
 Delta R.T. 0.00 min
 Lab File: BG020754.D
 Acq: 15 Jan 2016 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	132586		
179	16.5	12.3	18.5	
176	19.3	15.4	23.0	





#72

Anthracene

Concen: 1.87 ng/ul

RT: 17.56 min Scan# 2506

Delta R.T. 0.00 min

Lab File: BG020754.D

Acq: 15 Jan 2016 16:01

Instrument :

BNA_G

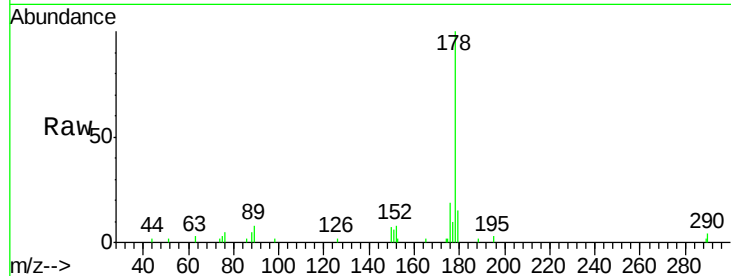
ClientSampled :

BC9F7

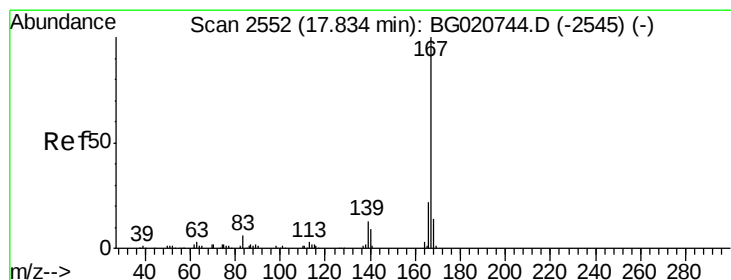
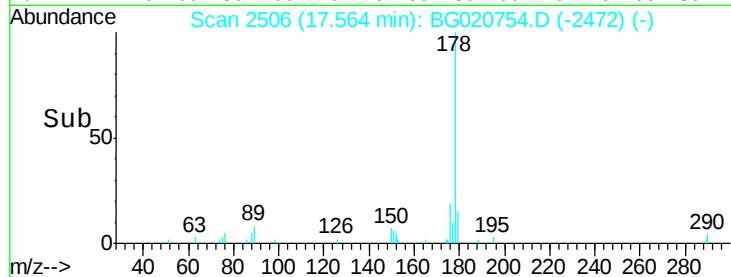
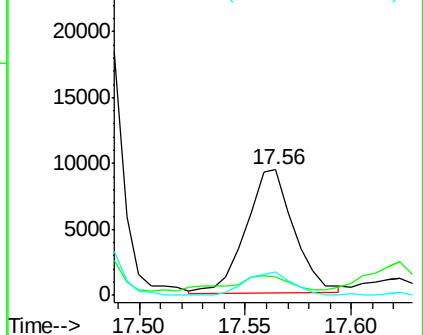
Tgt Ion:	178	Resp:	14892
Ion Ratio	Lower	Upper	
178	100		
179	15.1	13.4	20.2
176	18.7	15.4	23.0

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#75

Carbazole

Concen: 1.18 ng/ul

RT: 17.83 min Scan# 2552

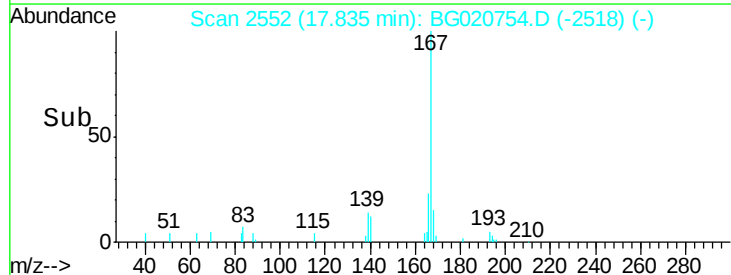
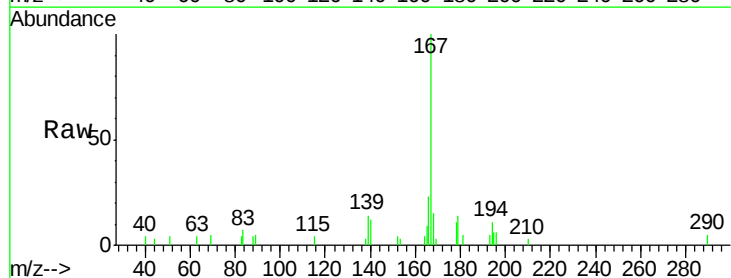
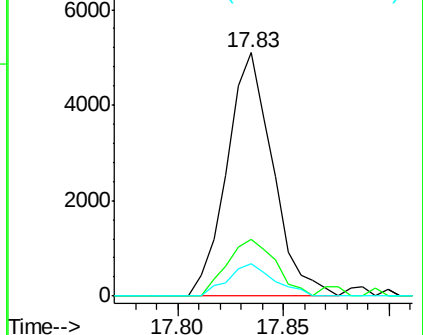
Delta R.T. 0.00 min

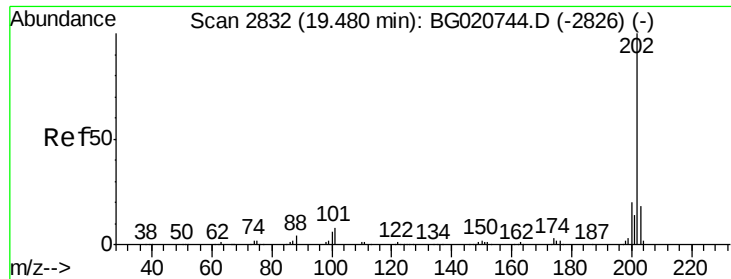
Lab File: BG020754.D

Acq: 15 Jan 2016 16:01

Tgt Ion:	167	Resp:	7661
Ion Ratio	Lower	Upper	
167	100		
166	23.1	17.0	25.4
139	13.5	9.1	13.7

Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





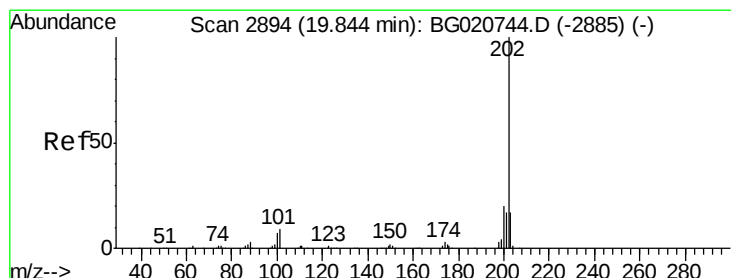
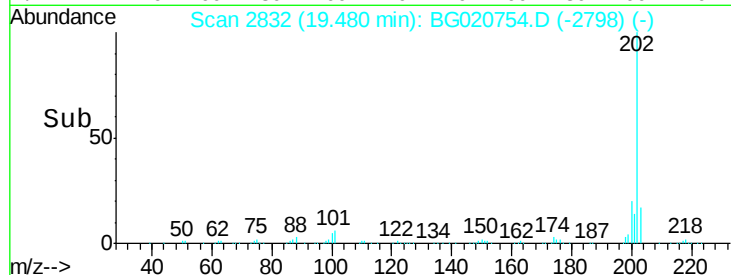
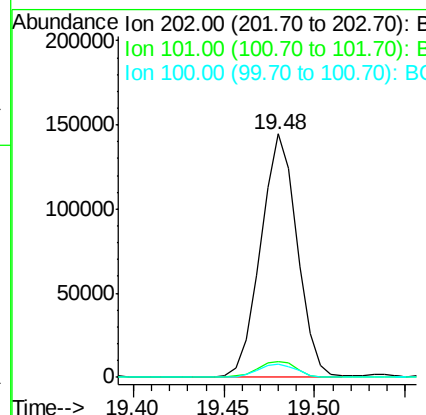
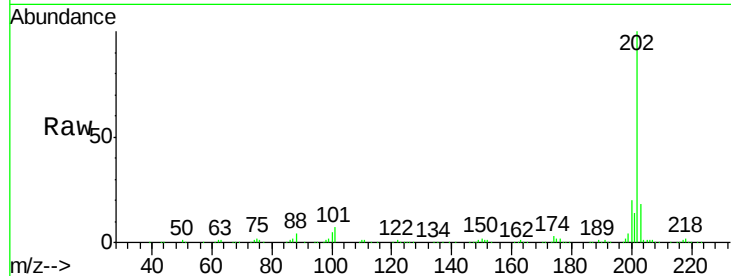
#77
Fluoranthene
 Concen: 21.12 ng/ul
 RT: 19.48 min Scan# 2832
 Delta R.T. 0.00 min
 Lab File: BG020754.D
 Acq: 15 Jan 2016 16:01

Instrument :
 BNA_G
 ClientSampleId :
 BC9F7

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	6.7	6.1	9.1
100	5.5	4.6	7.0

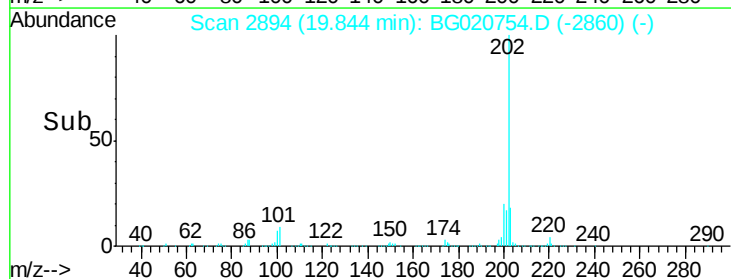
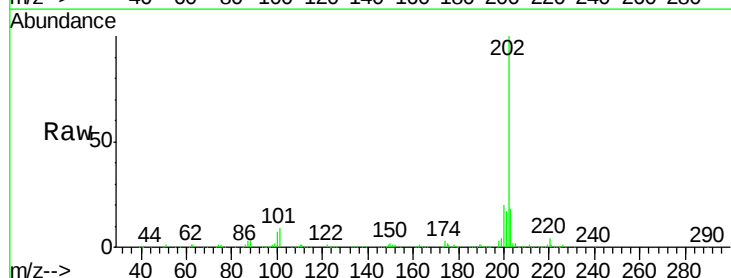
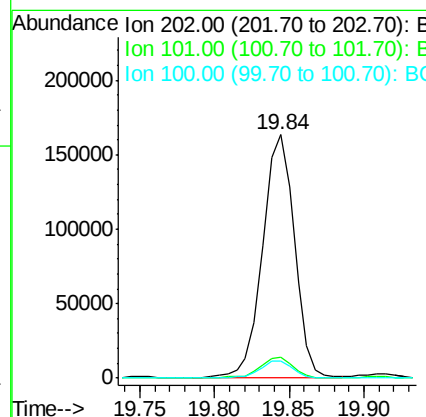
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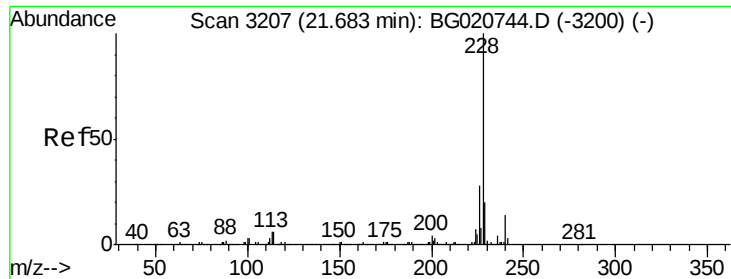
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#80
Pyrene
 Concen: 24.17 ng/ul
 RT: 19.84 min Scan# 2894
 Delta R.T. 0.00 min
 Lab File: BG020754.D
 Acq: 15 Jan 2016 16:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.8	6.9	10.3
100	7.0	5.6	8.4





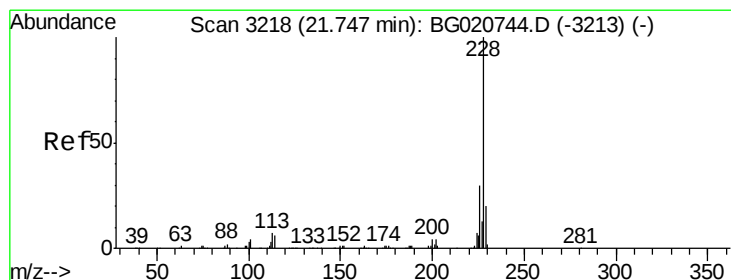
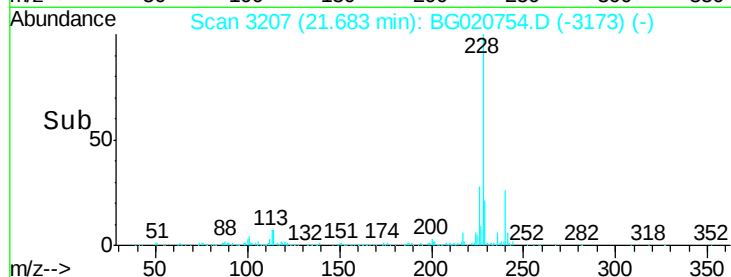
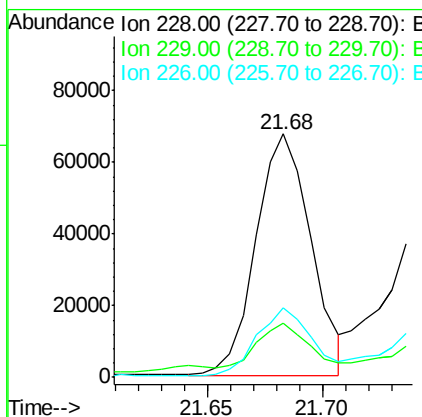
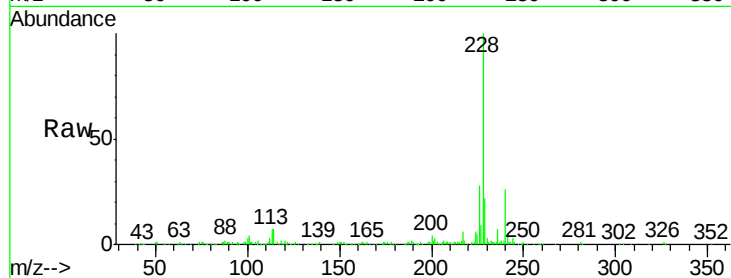
#83
Benzo(a)anthracene
Concen: 11.48 ng/ul
RT: 21.68 min Scan# 3207
Delta R.T. 0.00 min
Lab File: BG020754.D
Acq: 15 Jan 2016 16:01

Instrument :
BNA_G
ClientSampleId :
BC9F7

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	112240		
229	22.1	16.0	24.0	
226	28.3	21.8	32.8	

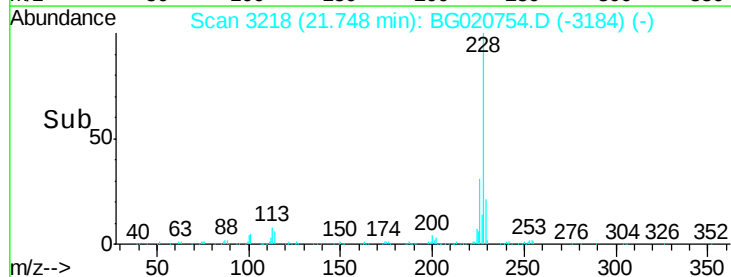
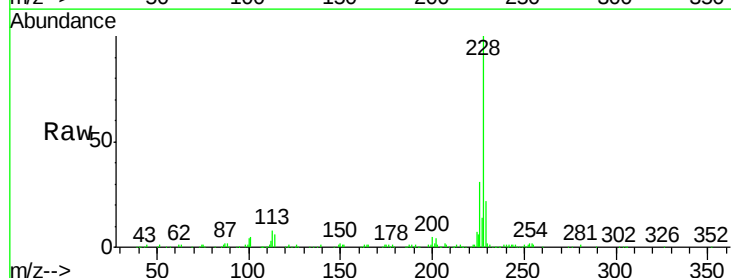
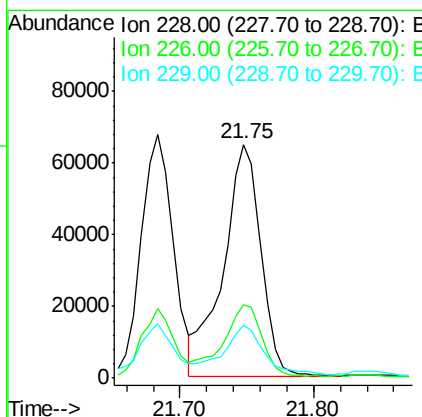
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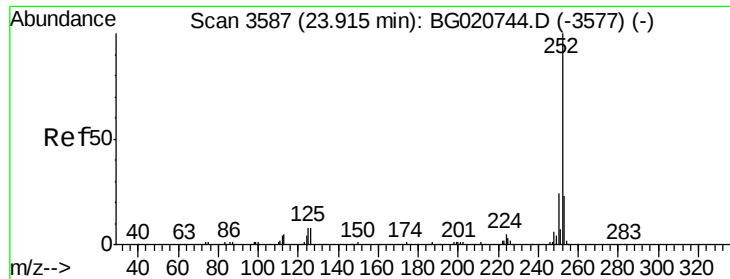
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#85
Chrysene
Concen: 13.71 ng/ul
RT: 21.75 min Scan# 3218
Delta R.T. 0.00 min
Lab File: BG020754.D
Acq: 15 Jan 2016 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	126826		
226	31.4	24.1	36.1	
229	22.4	16.0	24.0	





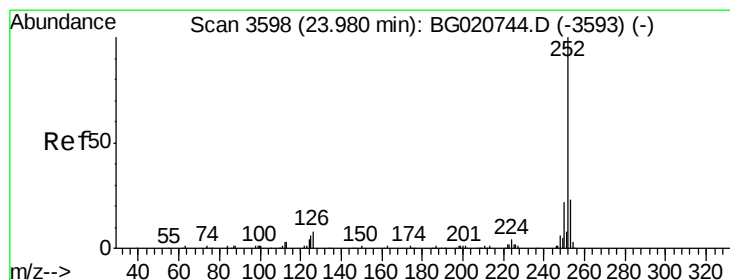
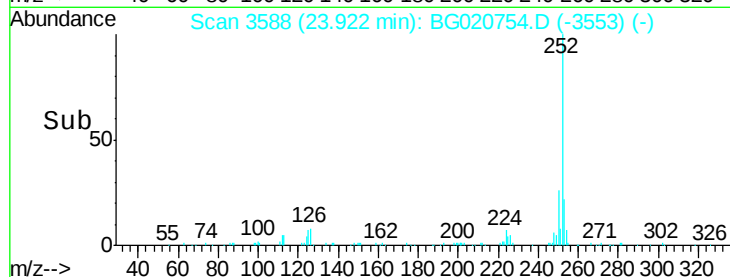
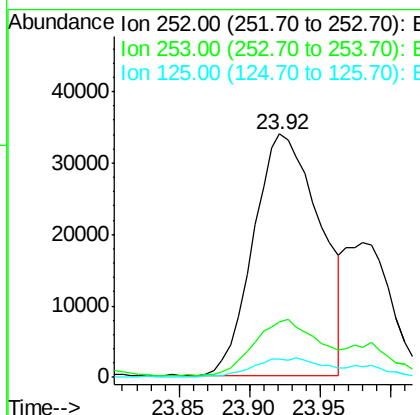
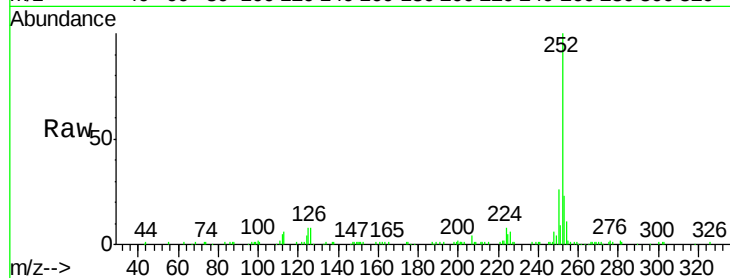
#88
Benzo(b)fluoranthene
Concen: 11.42 ng/u1
RT: 23.92 min Scan# 3588
Delta R.T. 0.01 min
Lab File: BG020754.D
Acq: 15 Jan 2016 16:01

Instrument :
BNA_G
ClientSampleId :
BC9F7

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	7.7	4.9	7.3#

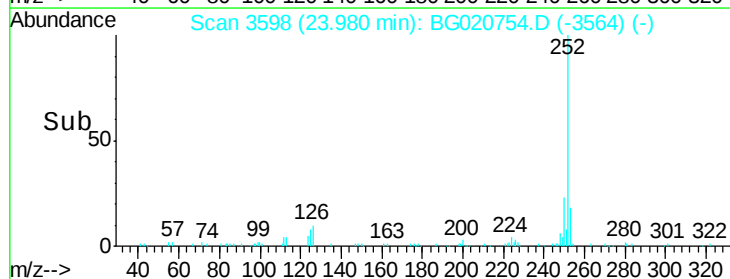
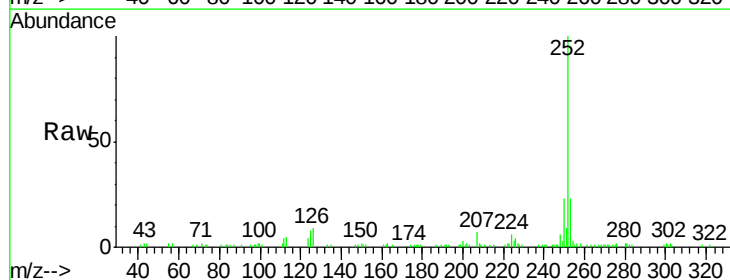
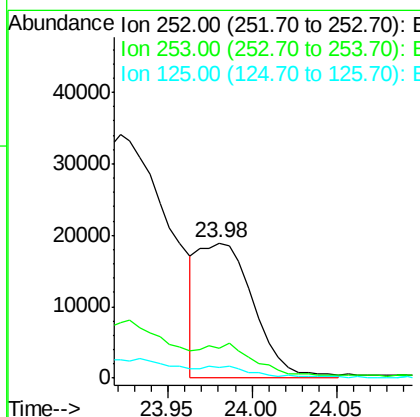
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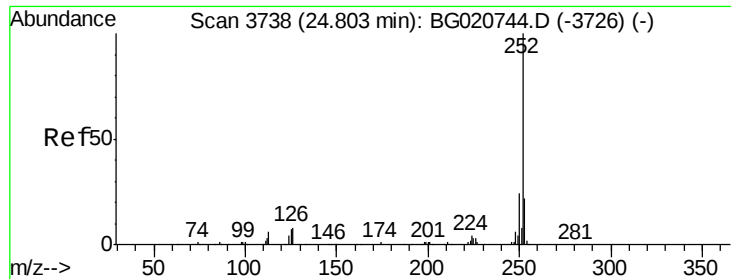
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#89
Benzo(k)fluoranthene
Concen: 4.54 ng/u1 m
RT: 23.98 min Scan# 3598
Delta R.T. 0.00 min
Lab File: BG020754.D
Acq: 15 Jan 2016 16:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	7.8	5.4	8.0





#91

Benzo(a)pyrene

Concen: 10.44 ng/ul

RT: 24.80 min Scan# 3738

Delta R.T. 0.00 min

Lab File: BG020754.D

Acq: 15 Jan 2016 16:01

Instrument :

BNA_G

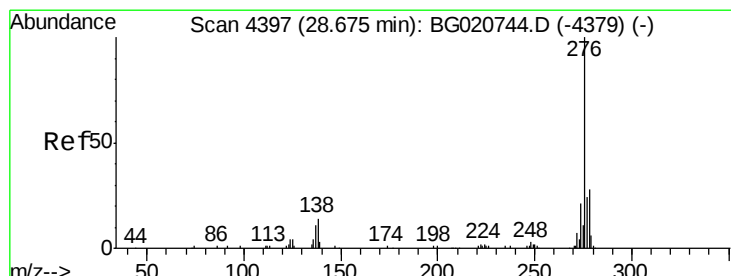
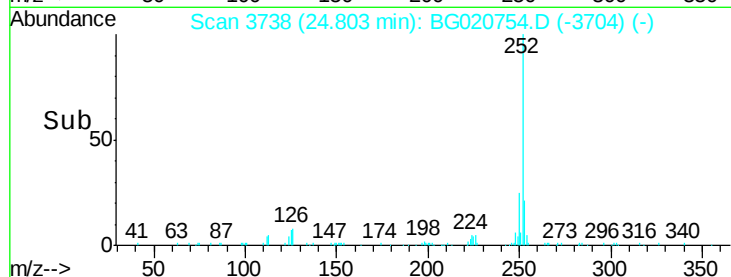
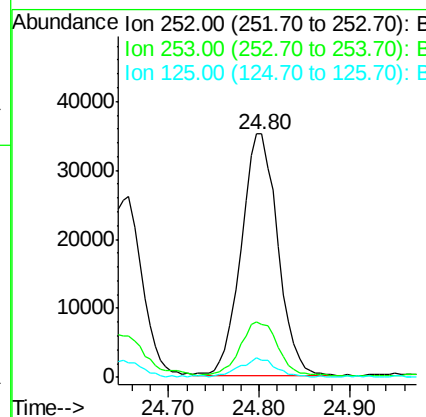
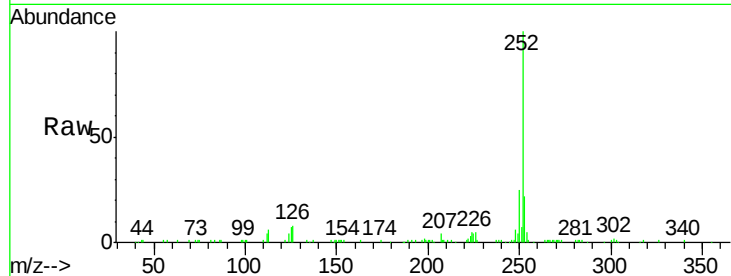
ClientSampleId :

BC9F7

Tgt Ion:	252	Resp:	97774
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.2	25.8
125	7.3	5.8	8.6

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#92

Indeno(1,2,3-cd)pyrene

Concen: 5.12 ng/ul

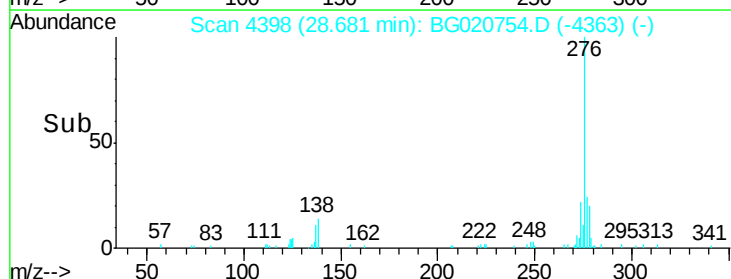
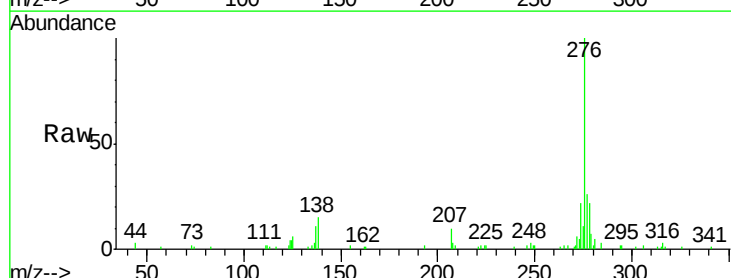
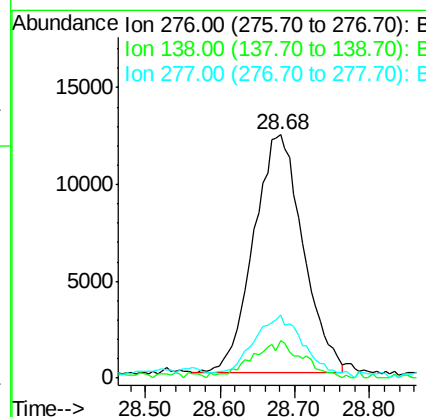
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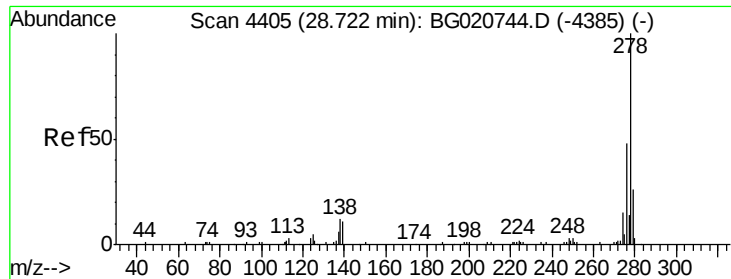
Delta R.T. 0.01 min

Lab File: BG020754.D

Acq: 15 Jan 2016 16:01

Tgt Ion:	276	Resp:	56569
Ion Ratio	Lower	Upper	
276	100		
138	15.5	10.9	16.3
277	25.9	18.9	28.3





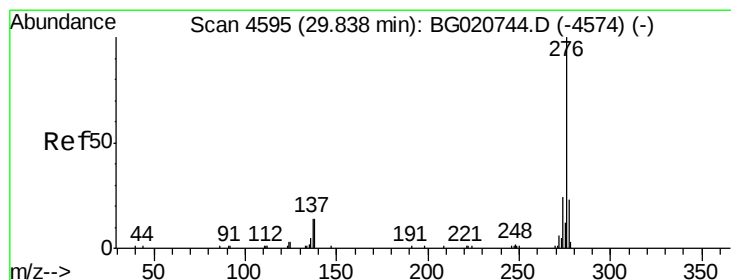
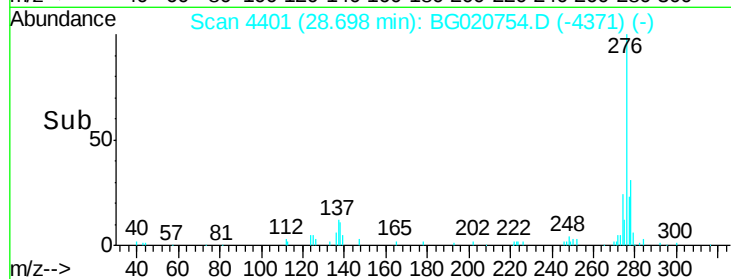
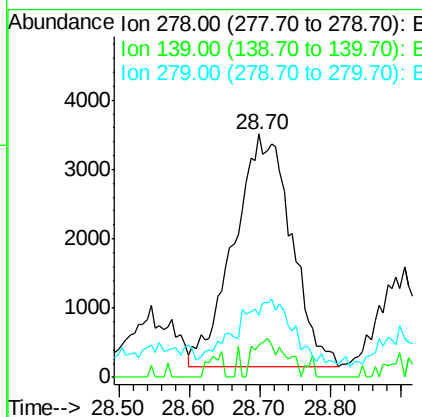
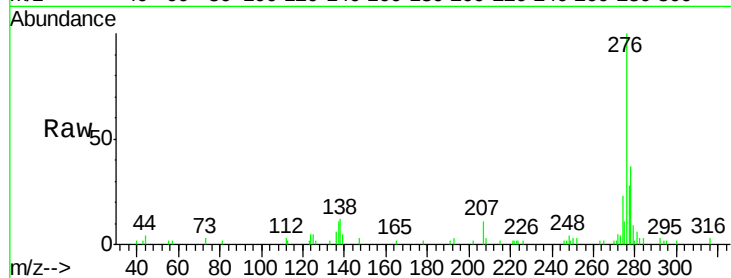
#93
Dibenzo(a,h)anthracene
Concen: 2.07 ng/ul m
RT: 28.70 min Scan# 4401
Delta R.T. -0.02 min
Lab File: BG020754.D
Acq: 15 Jan 2016 16:01

Instrument :
BNA_G
ClientSampleId :
BC9F7

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.2	9.0	13.4
279	25.2	19.1	28.7

Manual Integrations
APPROVED

Sohil
1/16/2016 3:03:20 AM



#94
Benzo(g,h,i)perylene
Concen: 6.42 ng/ul
RT: 29.84 min Scan# 4596
Delta R.T. 0.01 min
Lab File: BG020754.D
Acq: 15 Jan 2016 16:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.5	11.2	16.8
277	27.0	19.0	28.6

