

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020416\
 Data File : BG020789.D
 Acq On : 4 Feb 2016 16:30
 Operator : SJ/IZ
 Sample : H1334-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBG11

Manual Integrations
 APPROVED

mohammad
 2/5/2016 3:39:03 PM

Quant Time: Feb 05 10:45:37 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG012716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 05 04:10:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	20918	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	105671	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	58862	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	109147	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	93025	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	91033	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	954	2.19	ng/uL	0.00
5) Phenol-d5	7.41	99	26609	12.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	15990	14.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	22981	14.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	21994	11.91	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	11453	17.76	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	9804	17.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	22366	14.49	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	28287	13.03	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	76579	15.23	ng/ul	0.00
47) Acenaphthylene-d8	14.59	160	102180	16.68	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	6798	7.64	ng/ul	0.00
58) Fluorene-d10	15.87	176	67558	15.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	3569	9.90	ng/ul	0.00
71) Anthracene-d10	17.72	188	93569	17.43	ng/ul	0.00
79) Pyrene-d10	19.98	212	88485	17.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	86292	17.69	ng/ul	0.02

Target Compounds

						Ovalue
28) Naphthalene	11.16	128	11869	2.01	ng/ul	97
45) Dimethylphthalate	14.33	163	30266	5.77	ng/ul#	97
50) Acenaphthene	14.95	153	14123	3.00	ng/ul	96
54) Dibenzofuran	15.28	168	10443	1.70	ng/ul	99
59) Fluorene	15.93	166	13815	2.57	ng/ul	99
70) Phenanthrene	17.66	178	170514	24.88	ng/ul	99
72) Anthracene	17.75	178	30054	4.38	ng/ul	100
75) Carbazole	18.02	167	17642	2.90	ng/ul	93
76) Di-n-butylphthalate	18.56	149	22891	3.14	ng/ul	98
77) Fluoranthene	19.66	202	173384	24.62	ng/ul#	79
80) Pyrene	20.01	202	146105	20.77	ng/ul#	73
81) Butylbenzylphthalate	20.88	149	99619m	36.08	ng/ul	
83) Benzo(a)anthracene	21.88	228	62224	10.38	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.78	149	564881	132.12	ng/ul#	97
85) Chrysene	21.95	228	59474	10.69	ng/ul	96
87) Di-n-octyl phthalate	23.05	149	19002	2.59	ng/ul	100
88) Benzo(b)fluoranthene	24.21	252	67101	11.25	ng/ul#	85
89) Benzo(k)fluoranthene	24.27	252	24592	4.21	ng/ul#	88
91) Benzo(a)pyrene	25.13	252	47888	8.39	ng/ul#	85
92) Indeno(1,2,3-cd)pyrene	29.17	276	28007	4.20	ng/ul#	78
93) Dibenzo(a,h)anthracene	29.21	278	9842m	1.79	ng/ul	
94) Benzo(a,h,i)perylene	30.37	276	32256m	5.89	ng/ul	

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

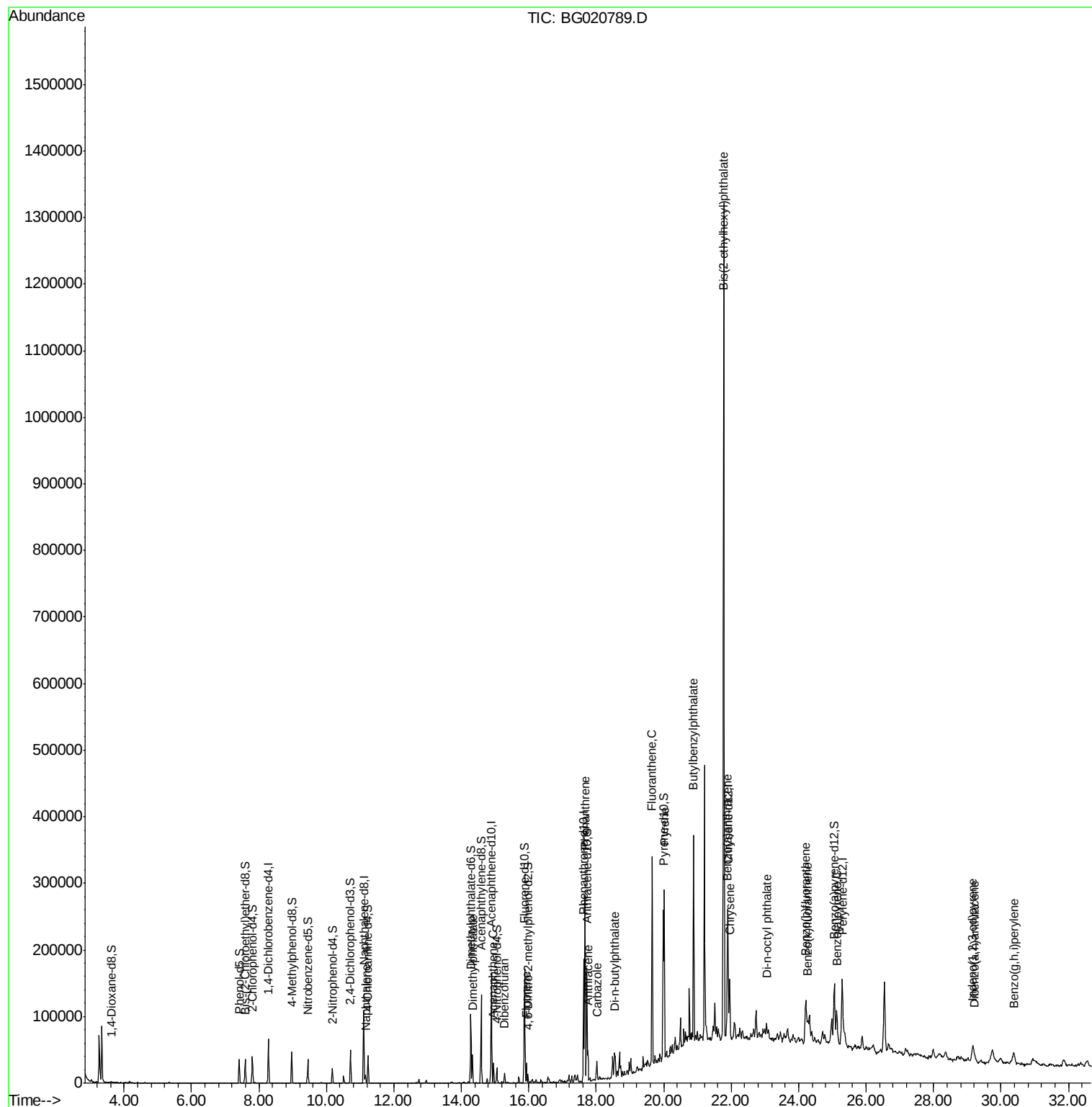
Data Path : Z:\HPCHEM1\BNA G\DATA\BG020416\
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Sample : H1334-14
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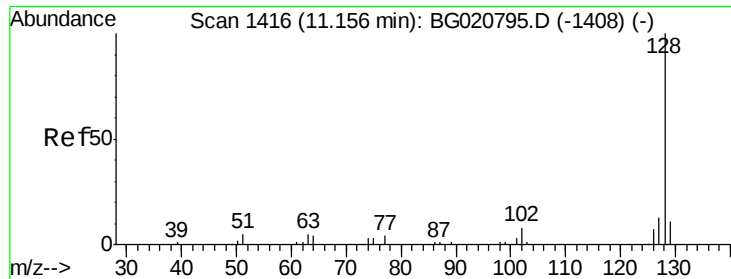
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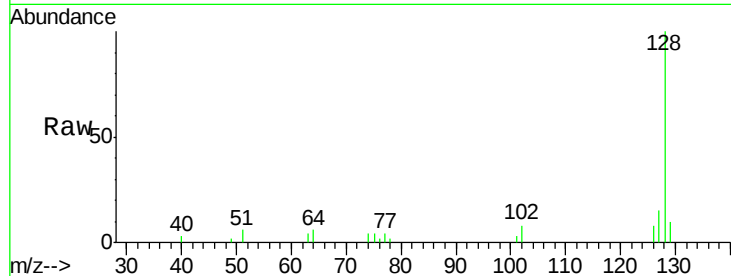
#28
Naphthalene
Concen: 2.01 ng/ul
RT: 11.16 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BG020789.D
Acq: 4 Feb 2016 16:30

Instrument :
BNA_G
ClientSampleId :
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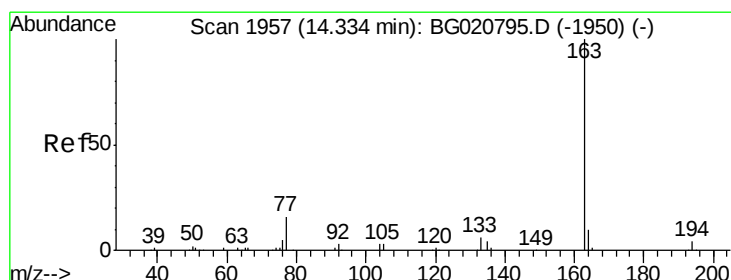
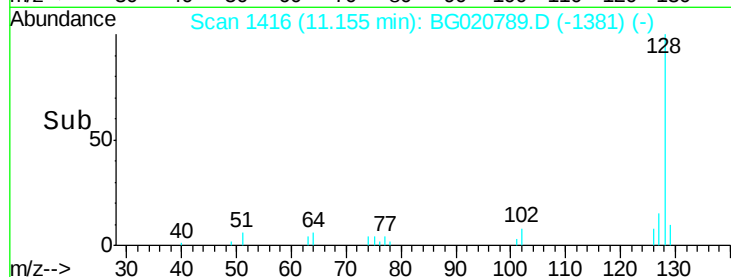
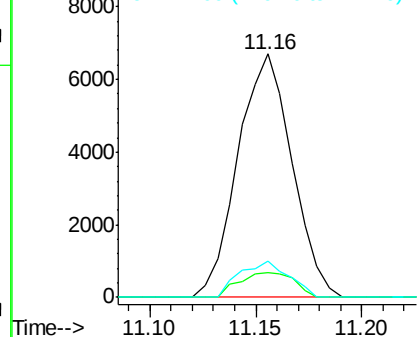
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.3	12.5
127	15.1	10.8	16.2

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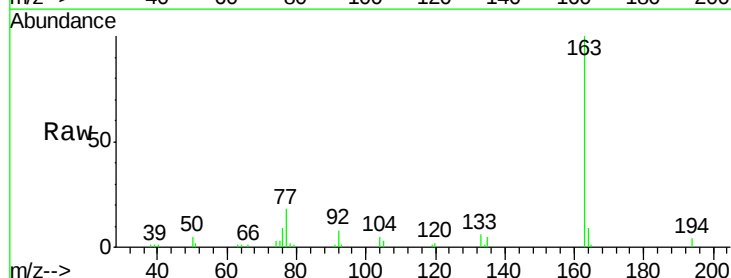


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

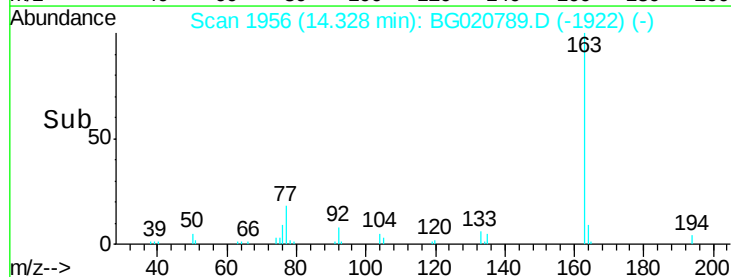
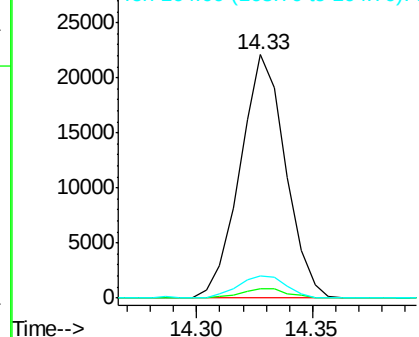


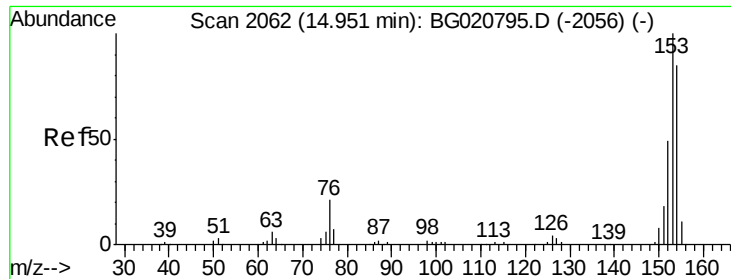
#45
Dimethylphthalate
Concen: 5.77 ng/ul
RT: 14.33 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BG020789.D
Acq: 4 Feb 2016 16:30

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	4.0	6.0#
164	9.4	8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#50

Acenaphthene

Concen: 3.00 ng/ul

RT: 14.95 min Scan# 2062

Delta R.T. 0.00 min

Lab File: BG020789.D

Acq: 4 Feb 2016 16:30

Instrument :

BNA_G

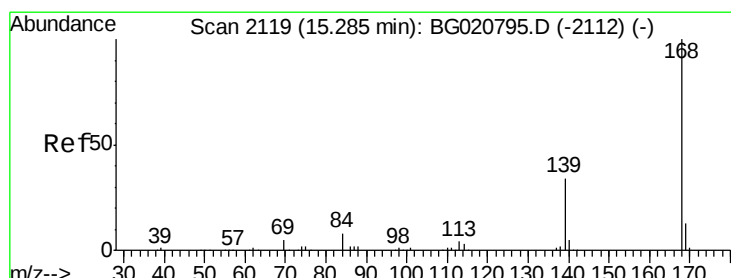
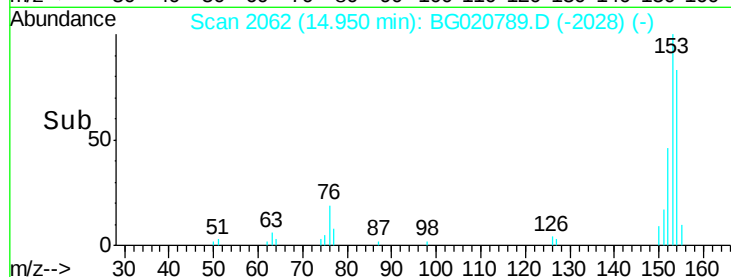
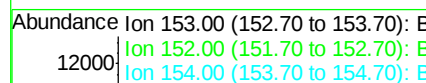
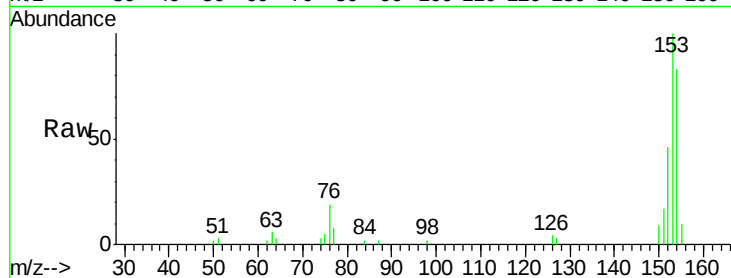
ClientSampleId :

BBG11

Tot Ion:	153	Resp:	14123
Ion Ratio	Lower	Upper	
153	100		
152	45.9	37.9	56.9
154	82.9	69.8	104.6

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#54

Dibenzofuran

Concen: 1.70 ng/ul

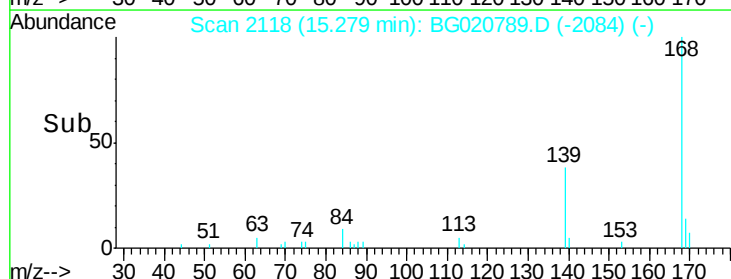
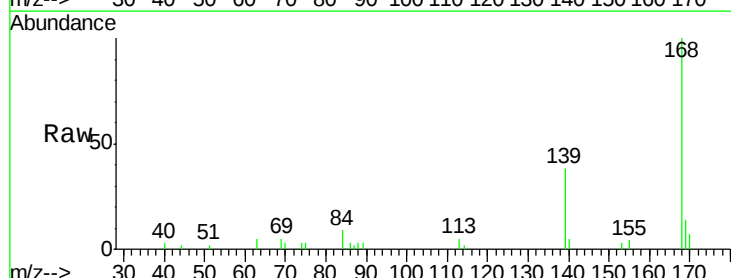
RT: 15.28 min Scan# 2118

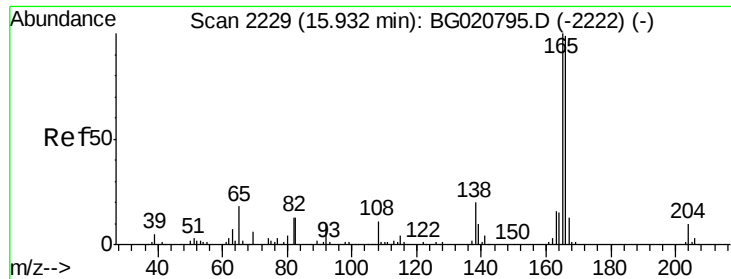
Delta R.T. 0.00 min

Lab File: BG020789.D

Acq: 4 Feb 2016 16:30

Tgt Ion:	168	Resp:	10443
Ion Ratio	Lower	Upper	
168	100		
139	38.4	31.0	46.4





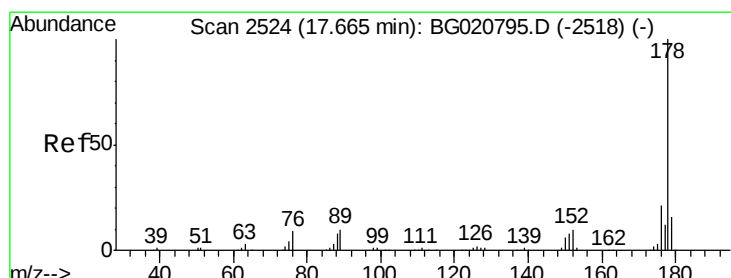
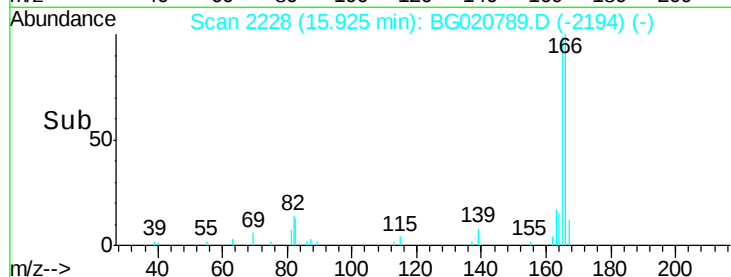
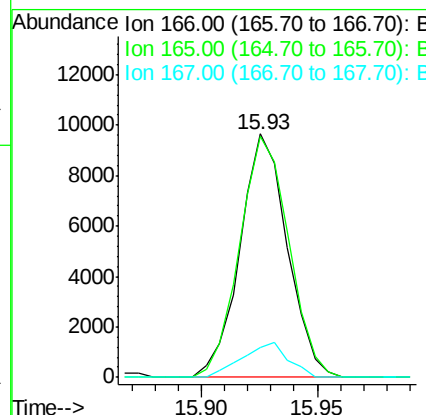
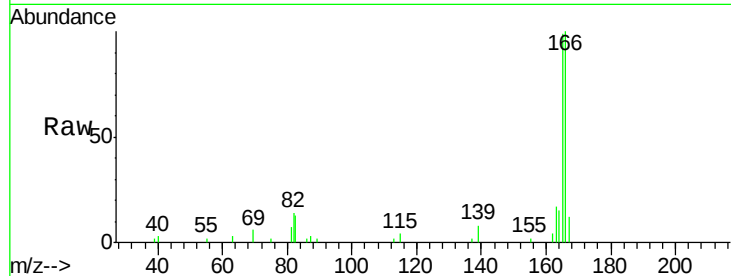
#59
 Fluorene
 Concen: 2.57 ng/ul
 RT: 15.93 min Scan# 2228
 Delta R.T. 0.00 min
 Lab File: BG020789.D
 Acq: 4 Feb 2016 16:30

Instrument :
 BNA_G
 ClientSampleId :
 BBG11

Tot Ion	Ratio	Resp	Lower	Upper
166	100	13815		
165	98.8		78.4	117.6
167	12.2		11.1	16.7

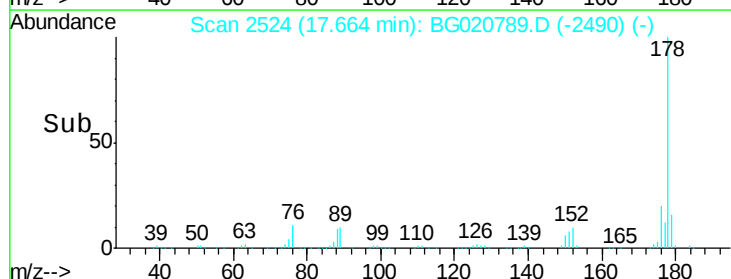
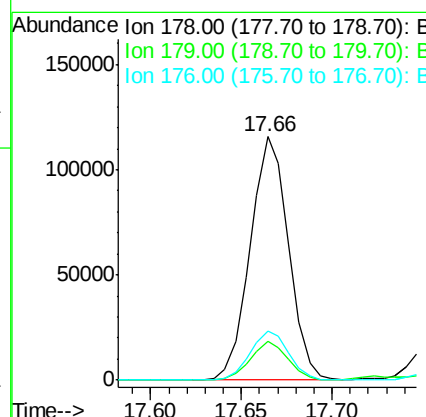
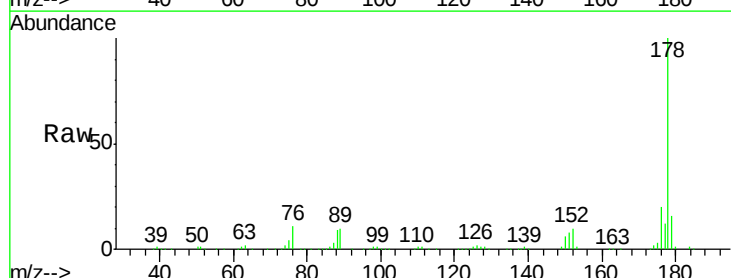
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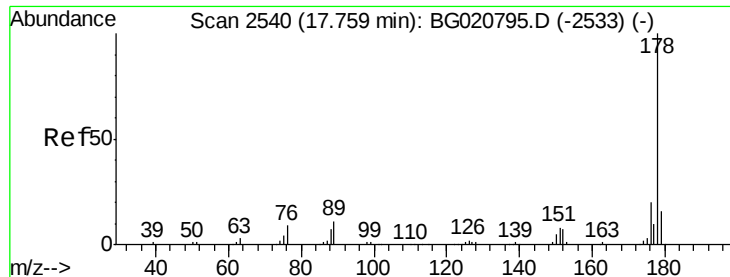
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#70
 Phenanthrene
 Concen: 24.88 ng/ul
 RT: 17.66 min Scan# 2524
 Delta R.T. 0.00 min
 Lab File: BG020789.D
 Acq: 4 Feb 2016 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	170514		
179	15.7		12.3	18.5
176	19.9		15.4	23.0





#72

Anthracene

Concen: 4.38 ng/ul

RT: 17.75 min Scan# 2539

Delta R.T. 0.00 min

Lab File: BG020789.D

Acq: 4 Feb 2016 16:30

Instrument :

BNA_G

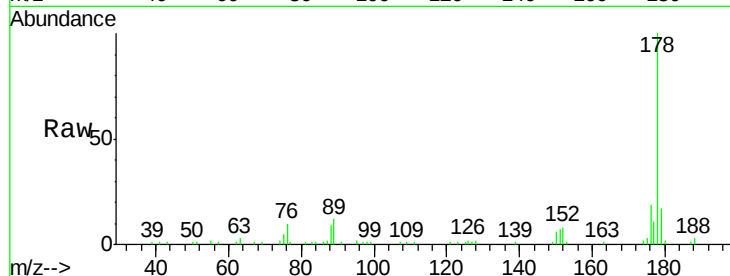
ClientSampleId :

BBG11

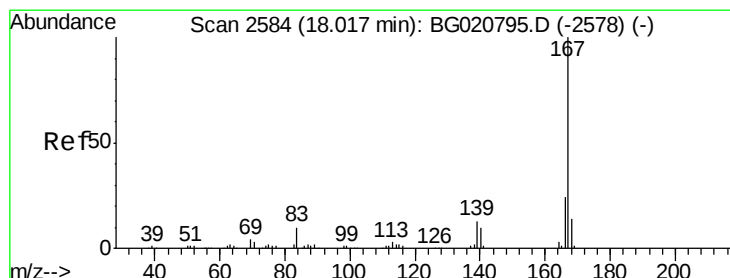
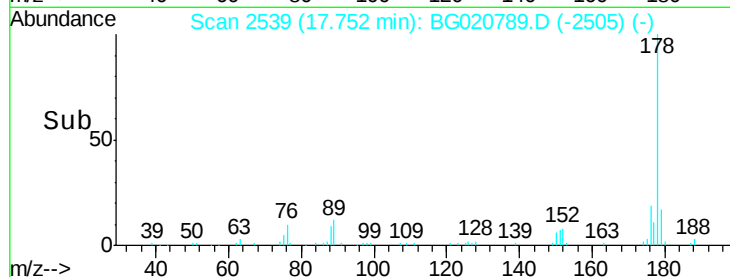
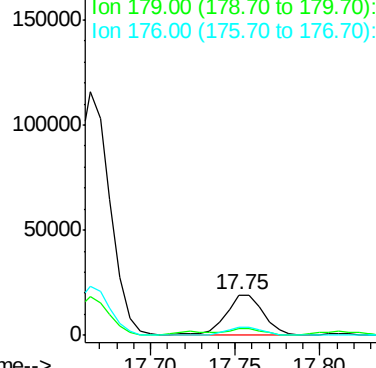
Tot Ion:178	Resp:	30054
Ion Ratio	Lower	Upper
178	100	
179	17.2	13.4 20.2
176	19.2	15.4 23.0

Manual Integrations
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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: 2.90 ng/ul

RT: 18.02 min Scan# 2584

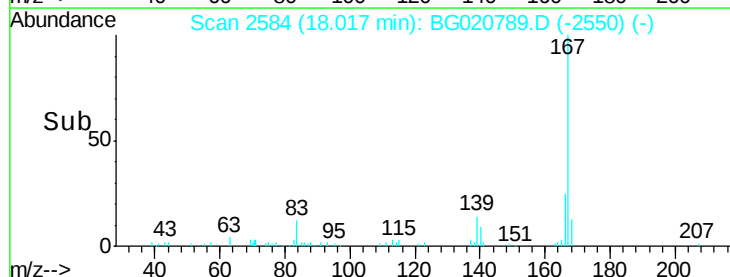
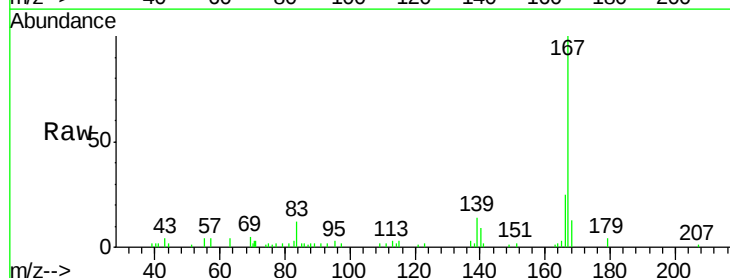
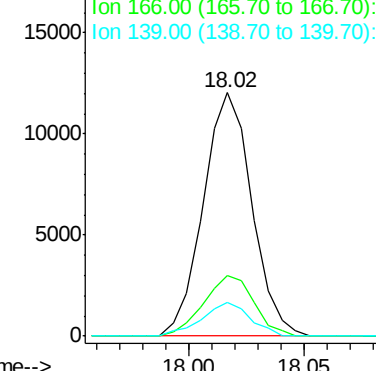
Delta R.T. 0.00 min

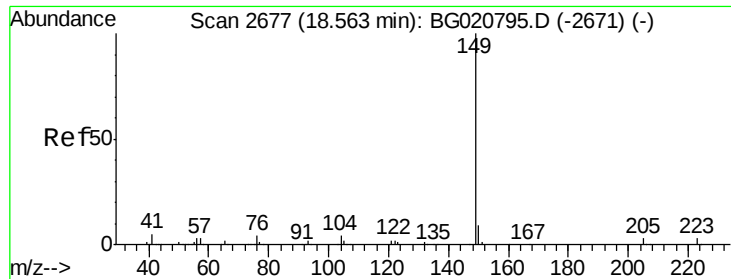
Lab File: BG020789.D

Acq: 4 Feb 2016 16:30

Tgt Ion:167	Resp:	17642
Ion Ratio	Lower	Upper
167	100	
166	24.8	17.0 25.4
139	13.6	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





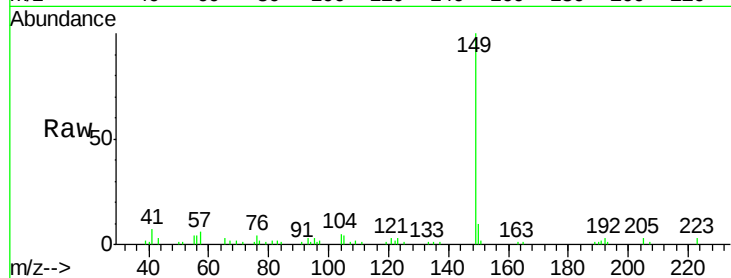
#76
Di-n-butylphthalate
Concen: 3.14 ng/ul
RT: 18.56 min Scan# 2677
Delta R.T. 0.00 min
Lab File: BG020789.D
Acq: 4 Feb 2016 16:30

Instrument :
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ClientSampled :
BBG11

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.5	11.3
104	4.6	4.1	6.1

Manual Integrations
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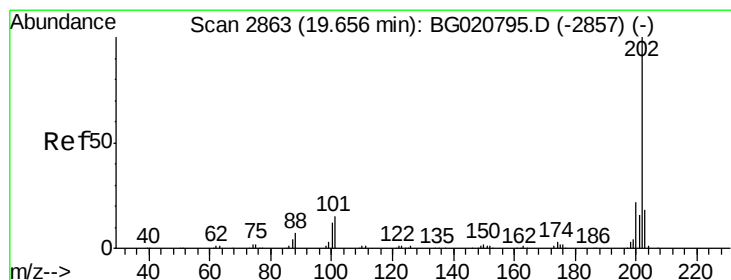
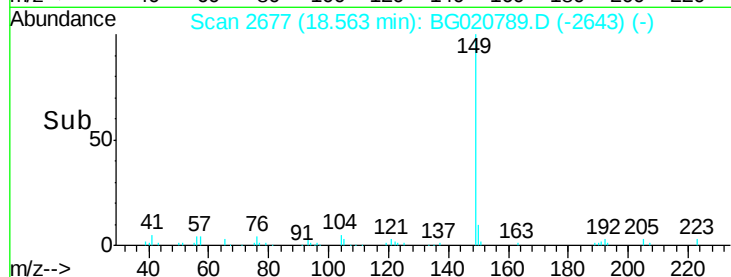
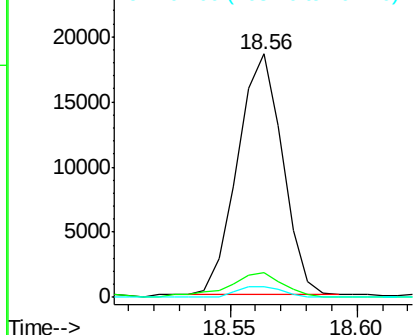


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#77
Fluoranthene
Concen: 24.62 ng/ul
RT: 19.66 min Scan# 2863
Delta R.T. 0.01 min
Lab File: BG020789.D
Acq: 4 Feb 2016 16:30

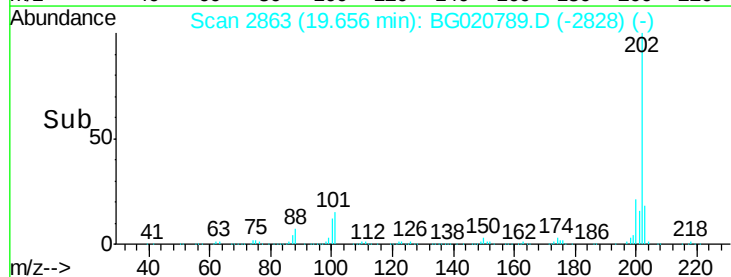
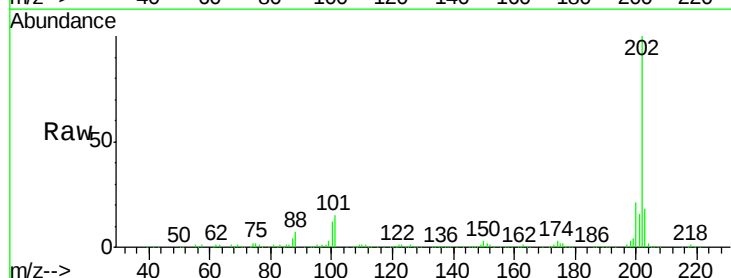
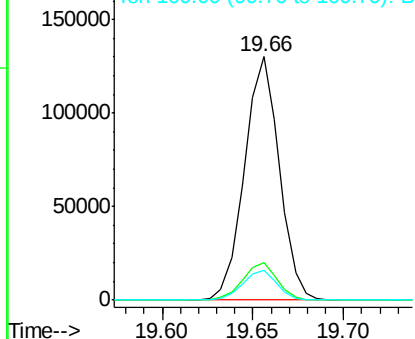
Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.3	6.1	9.1#
100	12.2	4.6	7.0#

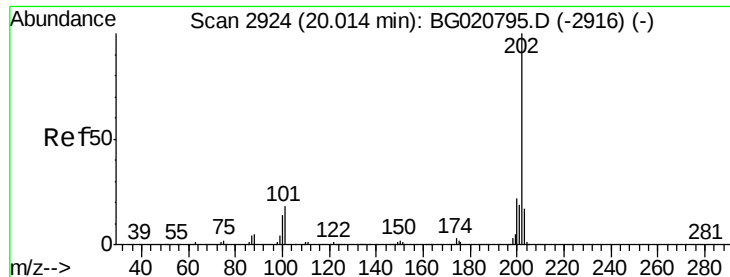
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





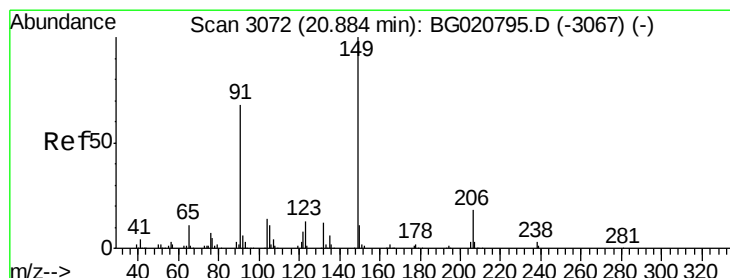
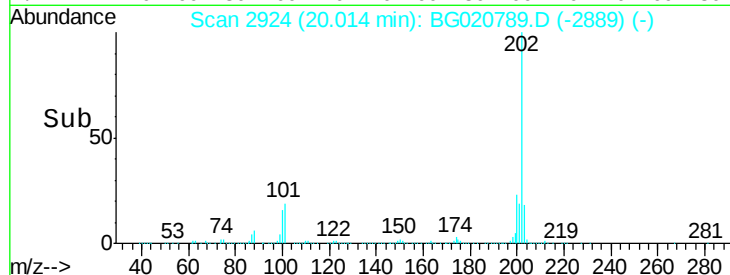
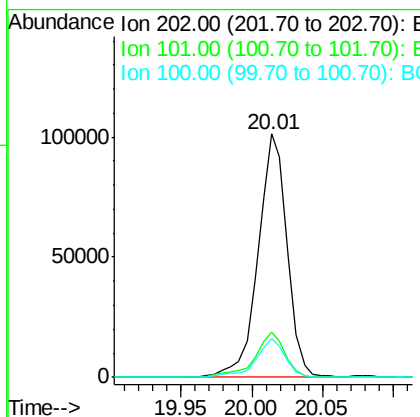
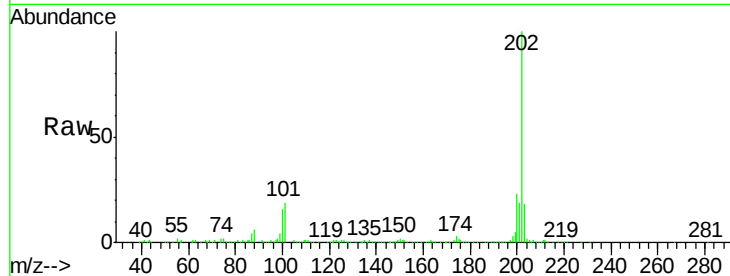
#80
Pvrene
Concen: 20.77 ng/ul
RT: 20.01 min Scan# 2924
Delta R.T. 0.01 min
Lab File: BG020789.D
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	18.7	6.9	10.3#
100	16.1	5.6	8.4#

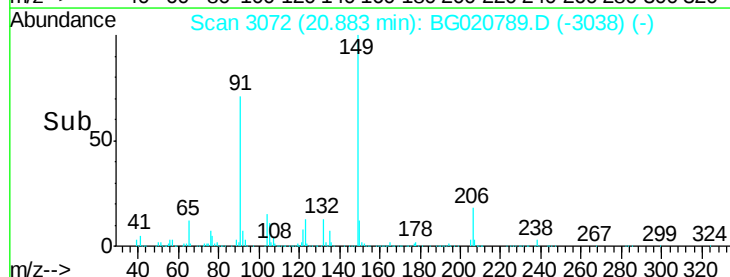
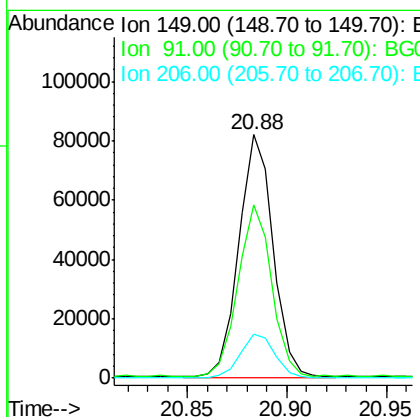
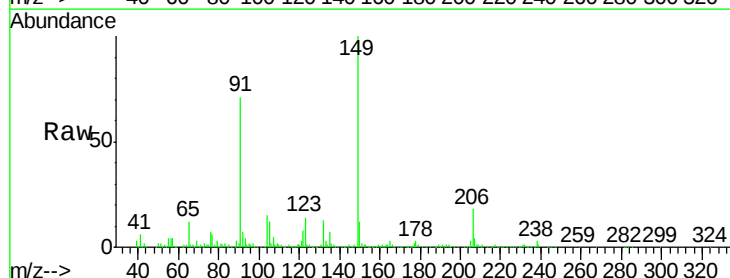
Manual Integrations
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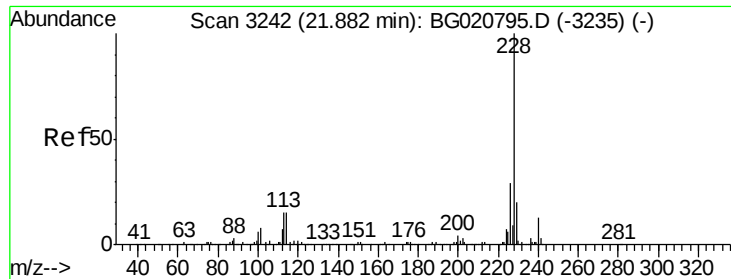
mohammad
2/5/2016 3:39:03 PM



#81
Butylbenzylphthalate
Concen: 36.08 ng/ul m
RT: 20.88 min Scan# 3072
Delta R.T. 0.00 min
Lab File: BG020789.D
Acq: 4 Feb 2016 16:30

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	70.9	53.4	80.0
206	18.1	19.3	28.9#





#83

Benzo(a)anthracene

Concen: 10.38 ng/ul

RT: 21.88 min Scan# 3242

Delta R.T. 0.01 min

Lab File: BG020789.D

Acq: 4 Feb 2016 16:30

Instrument :

BNA_G

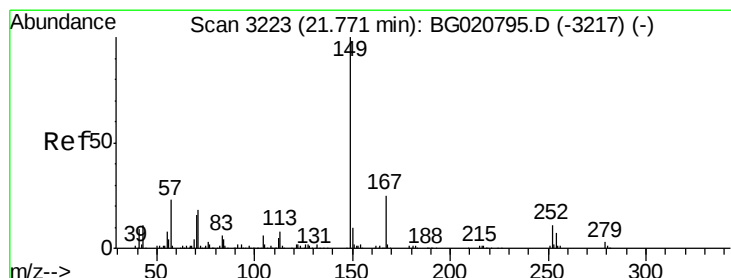
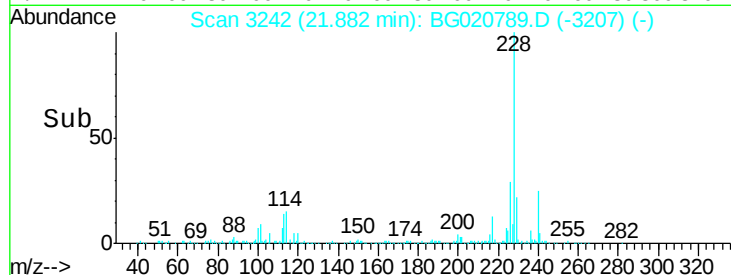
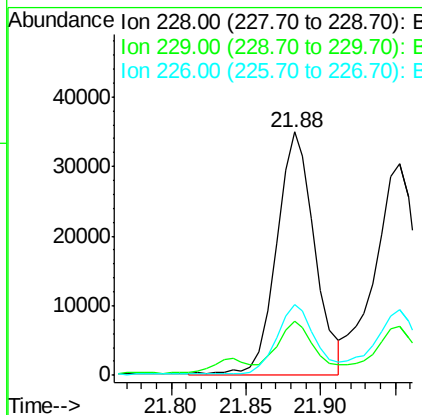
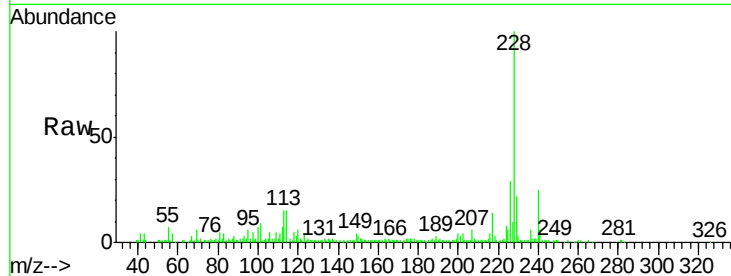
ClientSampleId :

BBG11

Tot Ion:	228	Resp:	62224
Ion Ratio	Lower	Upper	
228	100		
229	22.4	16.0	24.0
226	29.1	21.8	32.8

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#84

Bis(2-ethylhexyl)phthalate

Concen: 132.12 ng/ul

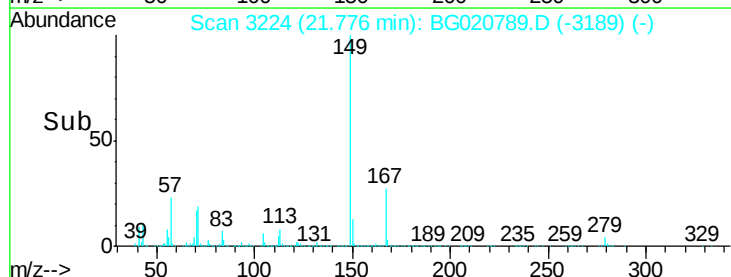
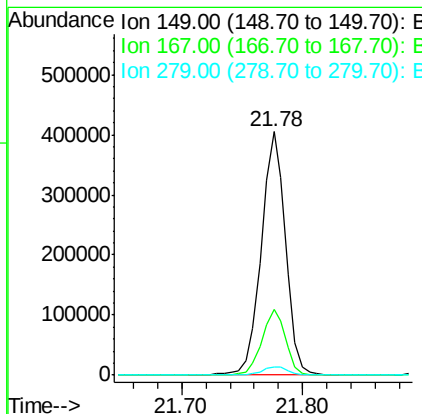
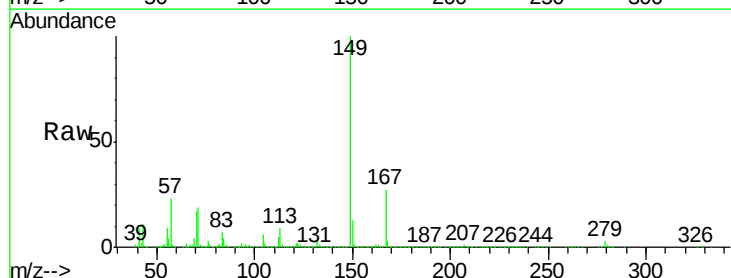
RT: 21.78 min Scan# 3224

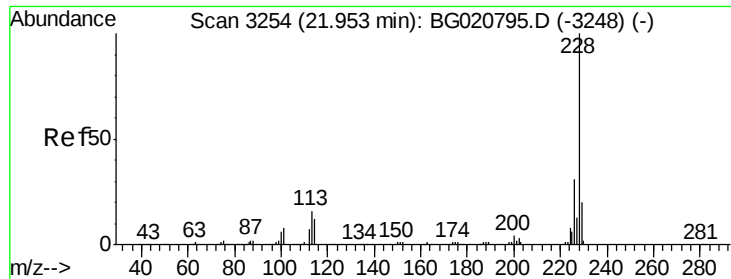
Delta R.T. 0.01 min

Lab File: BG020789.D

Acq: 4 Feb 2016 16:30

Tgt Ion:	149	Resp:	564881
Ion Ratio	Lower	Upper	
149	100		
167	27.2	23.0	34.6
279	3.5	4.3	6.5#





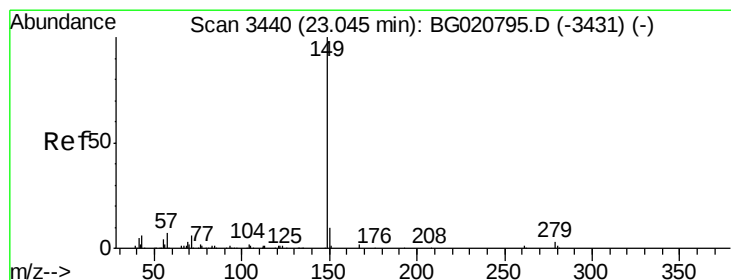
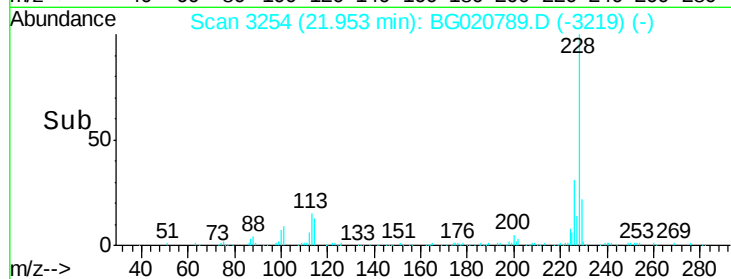
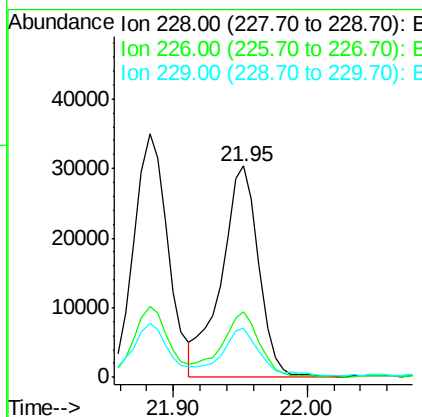
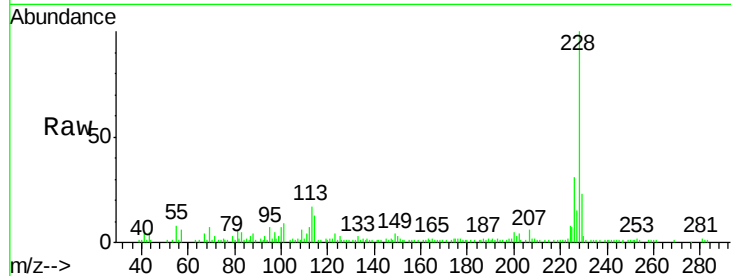
#85
Chrysene
Concen: 10.69 ng/ul
RT: 21.95 min Scan# 3254
Delta R.T. 0.01 min
Lab File: BG020789.D
Acq: 4 Feb 2016 16:30

Instrument :
BNA_G
ClientSampleId :
BBG11

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.1	36.1
229	23.2	16.0	24.0

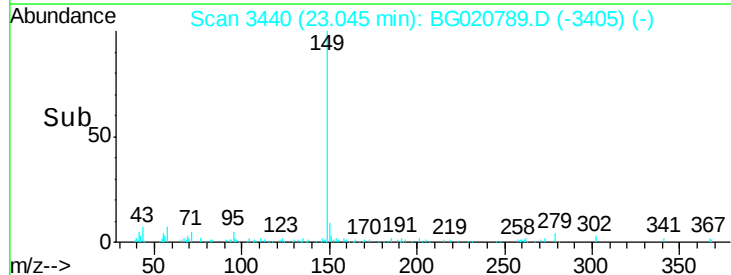
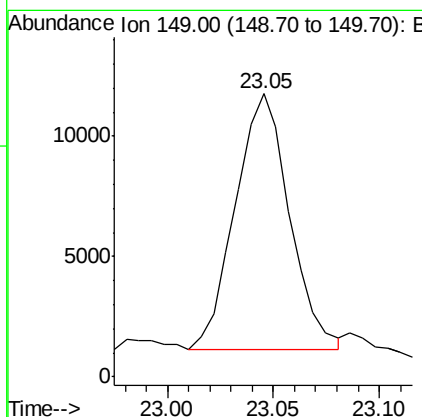
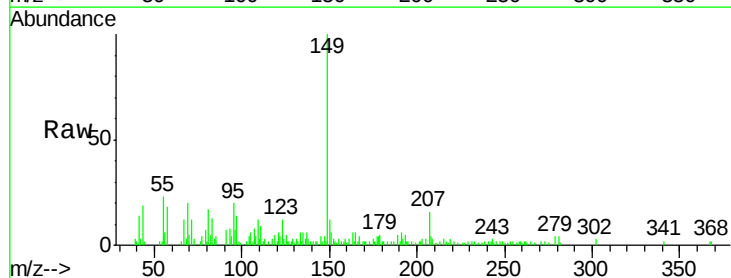
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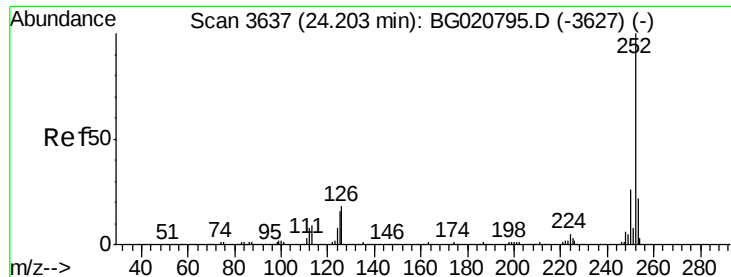
mohammad
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#87
Di-n-octyl phthalate
Concen: 2.59 ng/ul
RT: 23.05 min Scan# 3440
Delta R.T. 0.01 min
Lab File: BG020789.D
Acq: 4 Feb 2016 16:30

Tgt Ion:149 Resp: 19002





#88

Benzo(b)fluoranthene

Concen: 11.25 ng/ul

RT: 24.21 min Scan# 3638

Delta R.T. 0.01 min

Lab File: BG020789.D

Acq: 4 Feb 2016 16:30

Instrument :

BNA_G

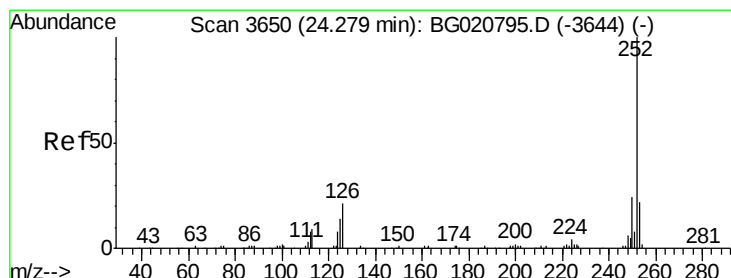
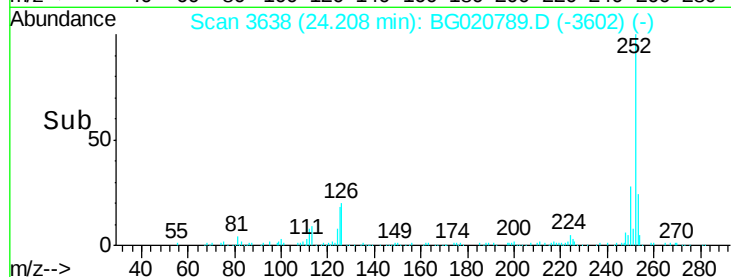
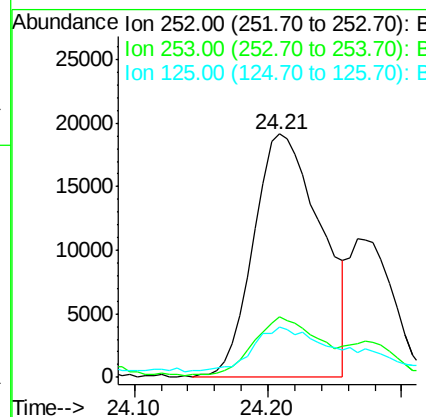
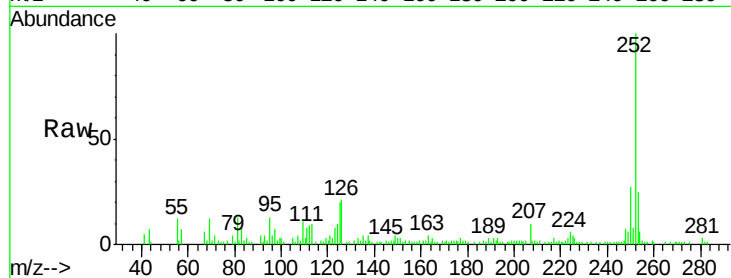
ClientSampled :

BBG11

Tot Ion:	252	Resp:	67101
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.4	26.0
125	20.4	4.9	7.3#

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#89

Benzo(k)fluoranthene

Concen: 4.21 ng/ul

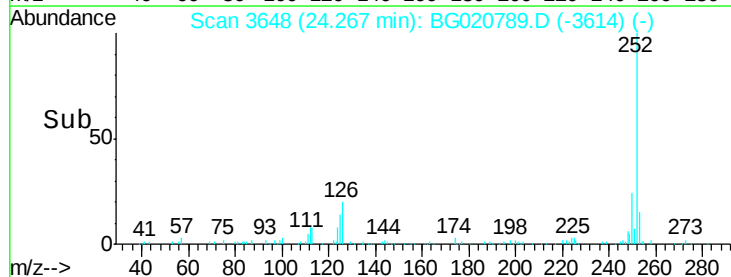
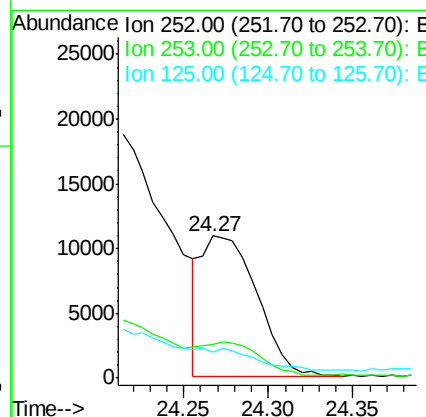
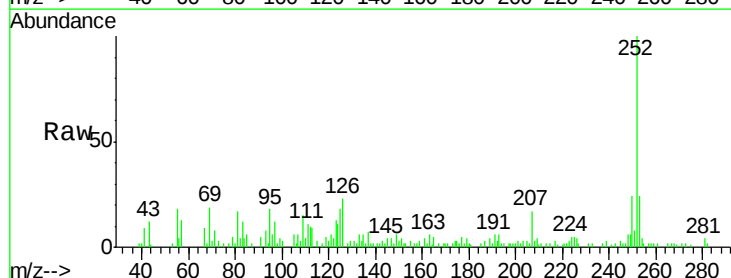
RT: 24.27 min Scan# 3648

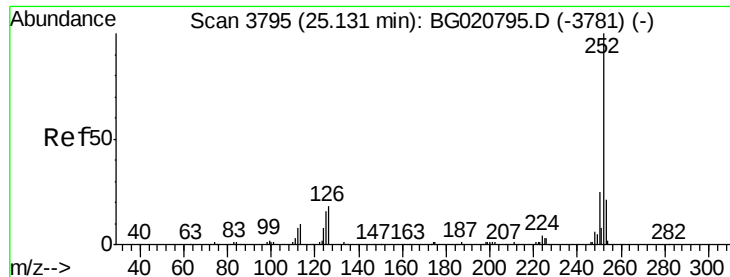
Delta R.T. 0.00 min

Lab File: BG020789.D

Acq: 4 Feb 2016 16:30

Tgt Ion:	252	Resp:	24592
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.1	25.7
125	18.2	5.4	8.0#





#91

Benzo(a)pyrene

Concen: 8.39 ng/ul

RT: 25.13 min Scan# 3795

Delta R.T. 0.01 min

Lab File: BG020789.D

Acq: 4 Feb 2016 16:30

Instrument :

BNA_G

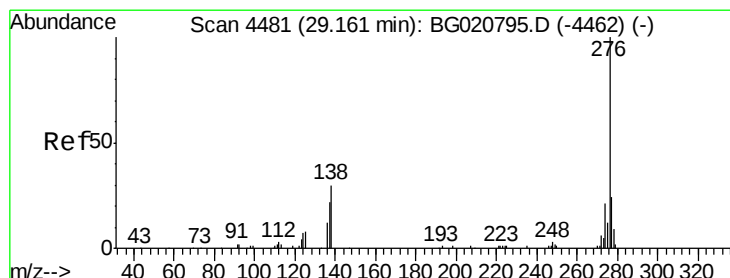
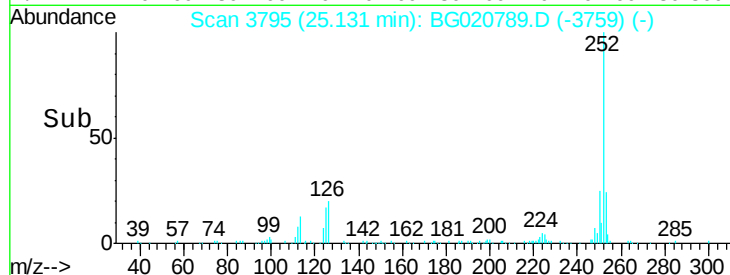
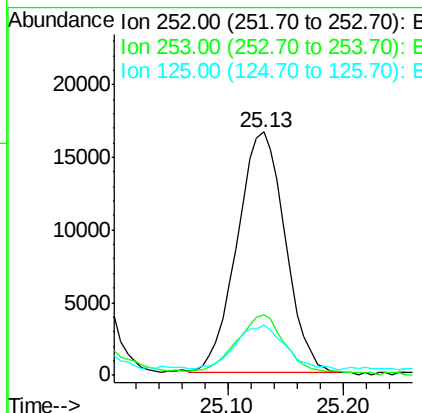
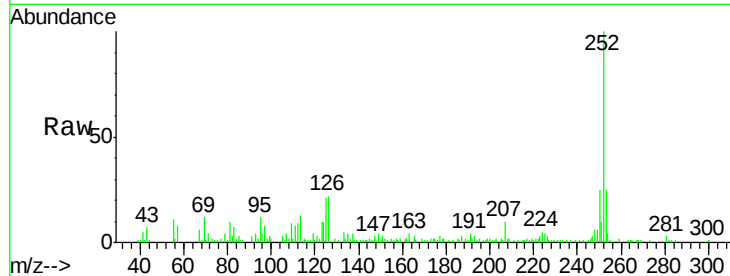
ClientSampleId :

BBG11

Tot Ion:	252	Resp:	47888
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.2	25.8
125	20.7	5.8	8.6#

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#92

Indeno(1,2,3-cd)pyrene

Concen: 4.20 ng/ul

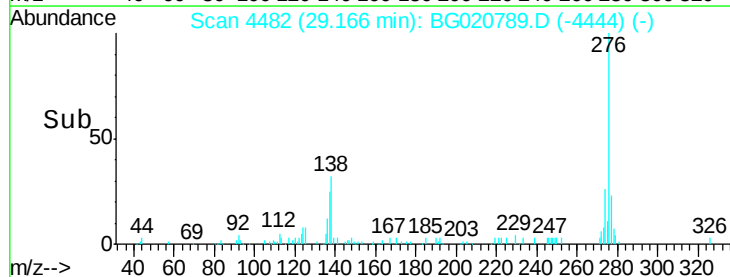
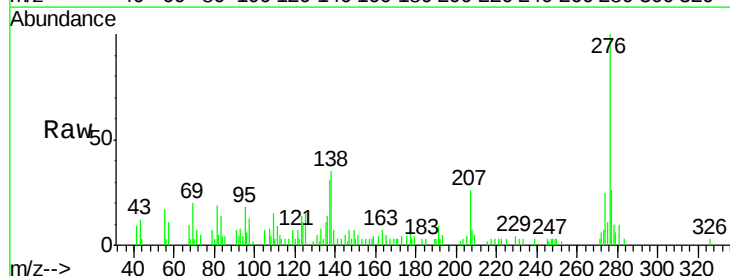
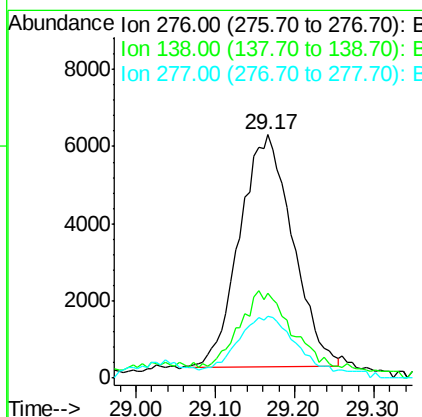
RT: 29.17 min Scan# 4482

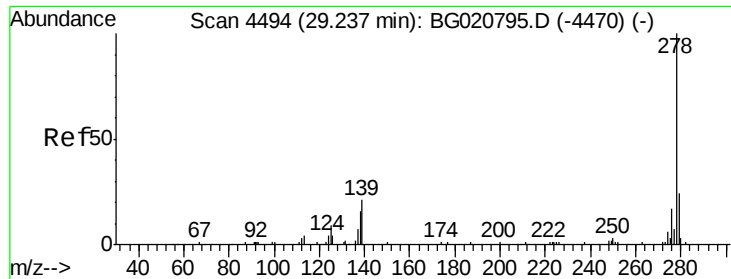
Delta R.T. 0.02 min

Lab File: BG020789.D

Acq: 4 Feb 2016 16:30

Tgt Ion:	276	Resp:	28007
Ion Ratio	Lower	Upper	
276	100		
138	35.0	10.9	16.3#
277	25.5	18.9	28.3





#93

Dibenzo(a,h)anthracene

Concen: 1.79 ng/ul m

RT: 29.21 min Scan# 4489

Delta R.T. 0.00 min

Lab File: BG020789.D

Acq: 4 Feb 2016 16:30

Instrument :

BNA_G

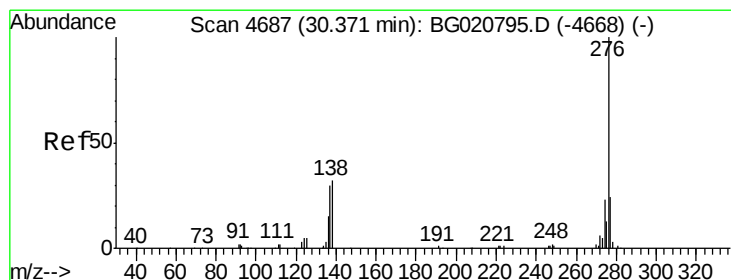
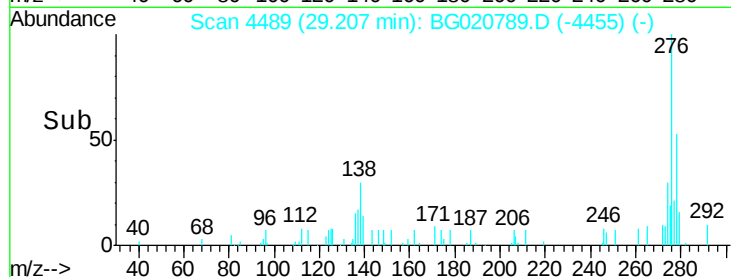
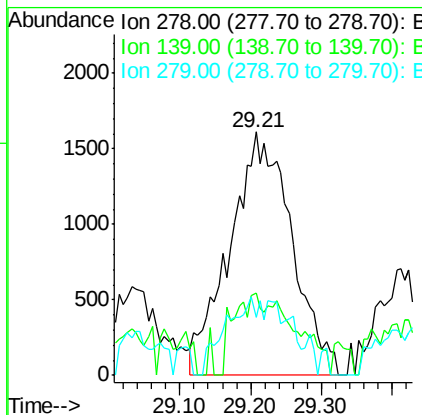
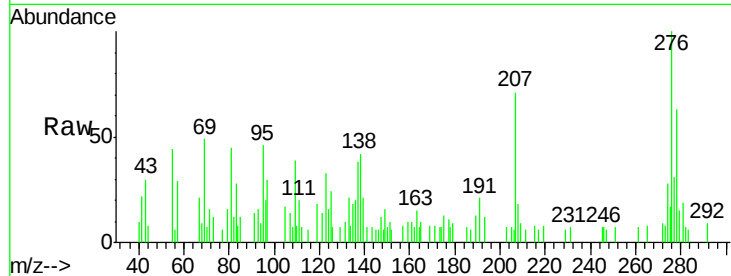
ClientSampled :

BBG11

Tot Ion:	278	Resp:	9842
Ion Ratio	Lower	Upper	
278	100		
139	33.9	9.0	13.4#
279	23.6	19.1	28.7

Manual Integrations
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#94

Benzo(g,h,i)perylene

Concen: 5.89 ng/ul m

RT: 30.37 min Scan# 4687

Delta R.T. 0.02 min

Lab File: BG020789.D

Acq: 4 Feb 2016 16:30

Tgt Ion:	276	Resp:	32256
Ion Ratio	Lower	Upper	
276	100		
138	32.0	11.2	16.8#
277	21.9	19.0	28.6

