

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060216\
 Data File : BG022150.D
 Acq On : 2 Jun 2016 12:48
 Operator : UM/SJ
 Sample : H3302-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB203

Manual Integrations
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Quant Time: Jun 03 01:31:52 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 03 01:08:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	44432	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	222175	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	127540	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	249414	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	257610	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	254289	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	935	1.10	ng/uL	0.00
5) Phenol-d5	7.29	99	51453	12.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	28063	13.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	44827	13.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	40413	11.87	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	23463	14.32	ng/ul	0.00
22) 2-Nitrophenol-d4	10.03	143	23647	13.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	41074	13.12	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	65004	19.06	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	140712	14.69	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	190583	14.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	9649	5.85	ng/ul	0.00
57) Fluorene-d10	15.75	176	126637	14.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	11070	8.49	ng/ul	0.00
70) Anthracene-d10	17.60	188	176711	14.76	ng/ul	0.00
76) Pyrene-d10	19.88	212	189280	13.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	160633	13.61	ng/ul	0.01

Target Compounds

						Ovalue
27) 2,4-Dichlorophenol	10.61	162	3084	1.00	ng/ul	94
28) Naphthalene	11.01	128	320074	28.41	ng/ul	99
34) 2-Methylnaphthalene	12.60	142	473570	58.81	ng/ul	97
40) 1,1'-Biphenyl	13.60	154	179529	17.10	ng/ul	98
44) Dimethylphthalate	14.20	163	44064	4.58	ng/ul	96
49) Acenaphthene	14.82	153	334244	35.51	ng/ul	98
53) Dibenzofuran	15.16	168	241988	20.79	ng/ul	97
58) Fluorene	15.81	166	77602	7.90	ng/ul#	99
69) Phenanthrene	17.55	178	167902	12.10	ng/ul	99
71) Anthracene	17.64	178	33655m	2.40	ng/ul	
72) Carbazole	17.92	167	18369	1.51	ng/ul#	83
74) Fluoranthene	19.55	202	219696	15.50	ng/ul	97
77) Pyrene	19.91	202	197639	10.90	ng/ul	98
80) Benzo(a)anthracene	21.77	228	129664	8.58	ng/ul	92
81) Bis(2-ethylhexyl)phthalate	21.65	149	629728	51.51	ng/ul	99
82) Chrysene	21.83	228	128127	8.84	ng/ul#	94
84) Di-n-octyl phthalate	22.89	149	76524	3.69	ng/ul	100
85) Benzo(b)fluoranthene	24.06	252	170863	11.48	ng/ul#	93
86) Benzo(k)fluoranthene	24.10	252	72628m	5.01	ng/ul	
88) Benzo(a)pyrene	24.95	252	122725	8.55	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	28.90	276	94861m	5.76	ng/ul	
90) Dibenzo(a,h)anthracene	28.94	278	28388m	2.06	ng/ul	
91) Benzo(g,h,i)perylene	30.08	276	75278	5.71	ng/ul	99

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 03 01:08:24 2016
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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

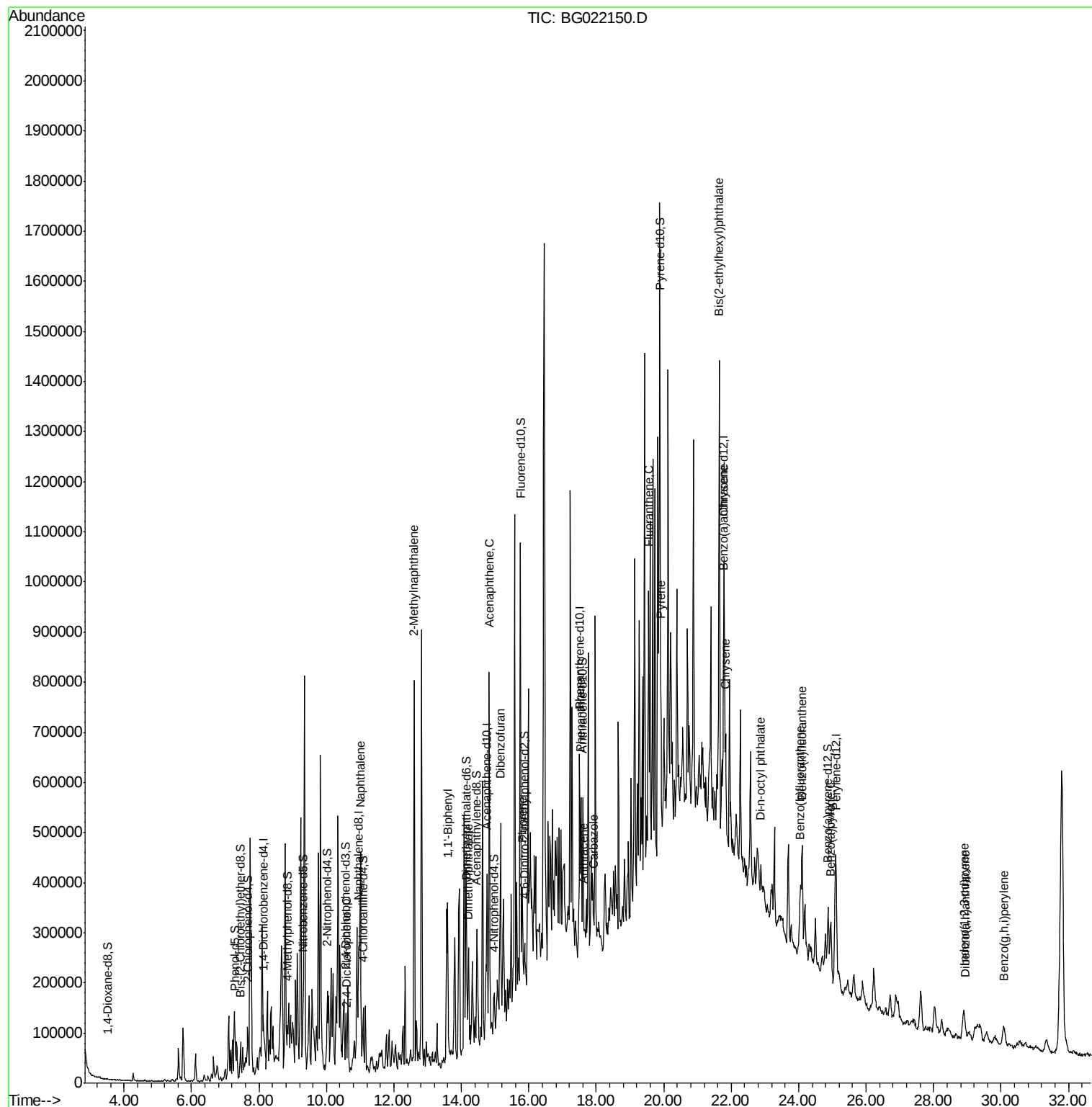
Data Path : Z:\HPCHEM1\BNA G\DATA\BG060216\
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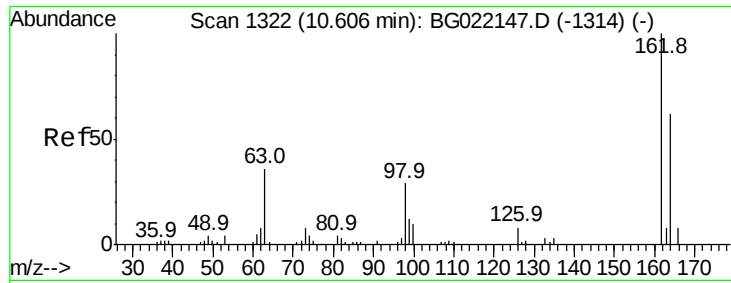
Instrument :
BNA_G
ClientSampled :
CB203

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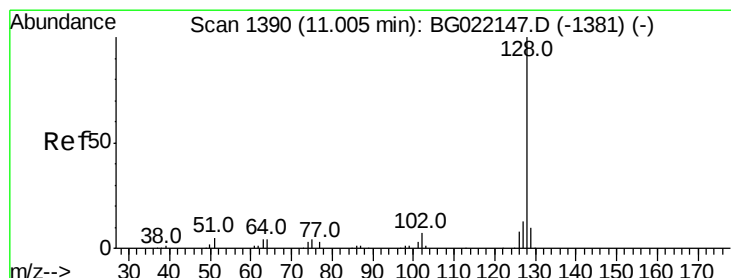
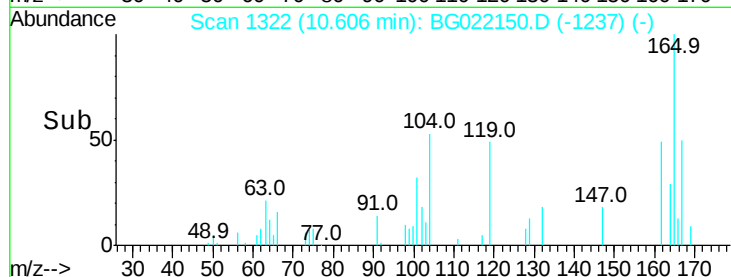
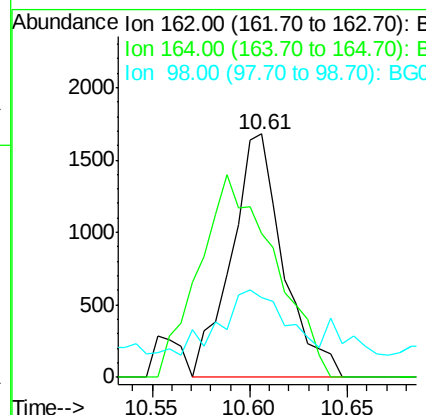
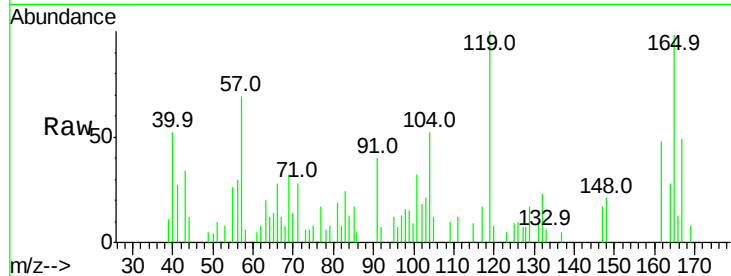
#27
 2,4-Dichlorophenol
 Concen: 1.00 ng/ul
 RT: 10.61 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BG022150.D
 Acq: 2 Jun 2016 12:48

Instrument :
 BNA_G
 ClientSampleId :
 CB203

Tot Ion	Ratio	Lower	Upper
162	100		
164	59.2	51.6	77.4
98	32.6	28.3	42.5

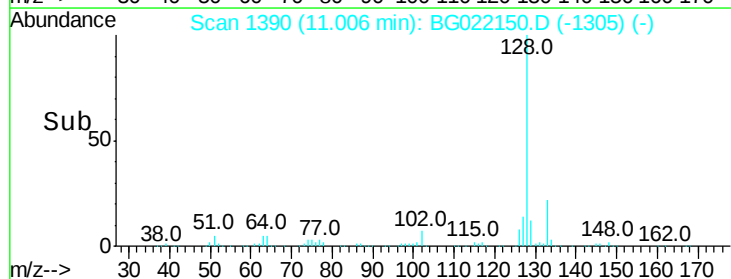
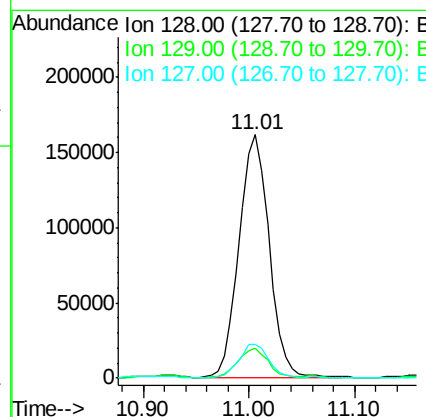
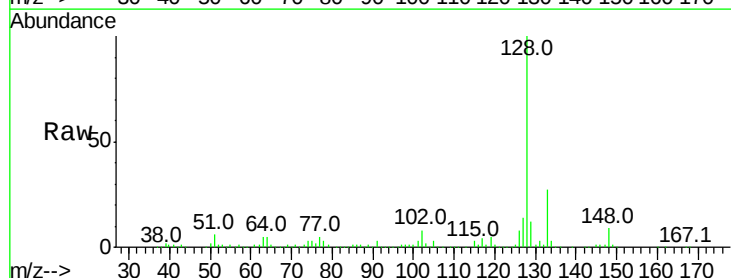
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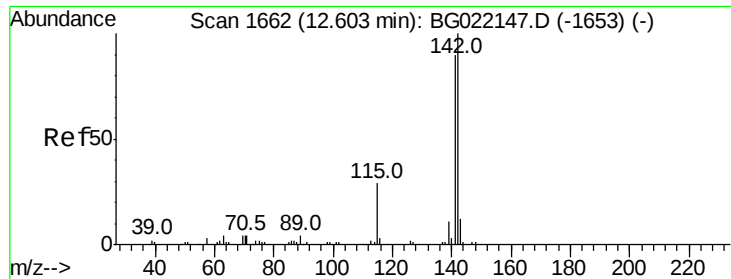
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#28
 Naphthalene
 Concen: 28.41 ng/ul
 RT: 11.01 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: BG022150.D
 Acq: 2 Jun 2016 12:48

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.4	14.2
127	13.9	11.2	16.8





#34

2-Methylnaphthalene

Concen: 58.81 ng/ul

RT: 12.60 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BG022150.D

Acq: 2 Jun 2016 12:48

Instrument :

BNA_G

ClientSampled :

CB203

Tot Ion:142 Resp: 473570

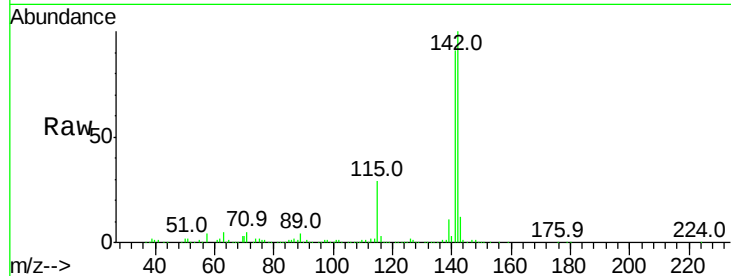
Ion Ratio Lower Upper

142 100

141 91.3 75.2 112.8

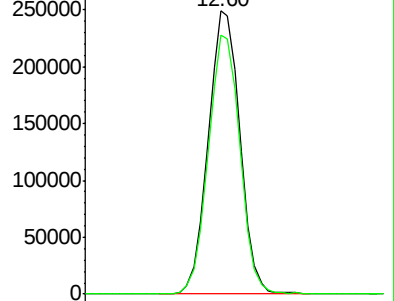
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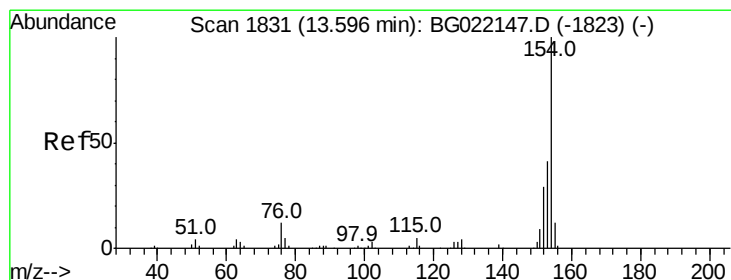
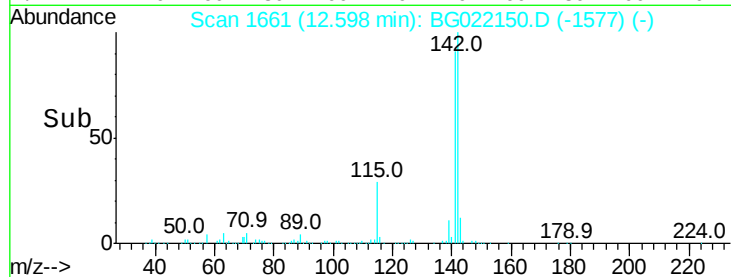


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#40

1,1'-Biphenyl

Concen: 17.10 ng/ul

RT: 13.60 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BG022150.D

Acq: 2 Jun 2016 12:48

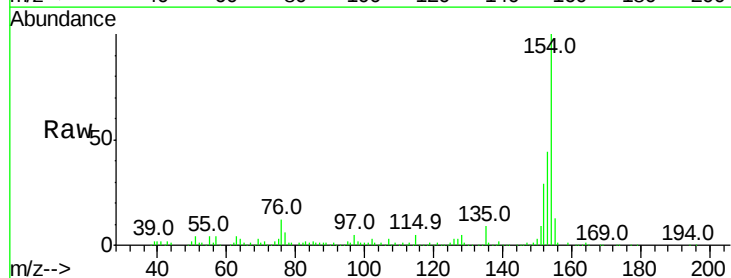
Tgt Ion:154 Resp: 179529

Ion Ratio Lower Upper

154 100

153 43.8 34.6 52.0

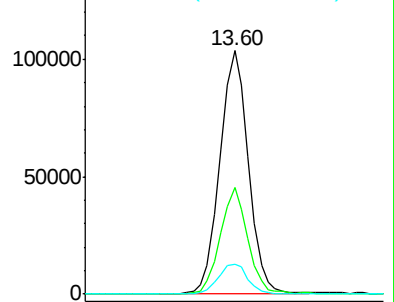
76 12.4 11.9 17.9



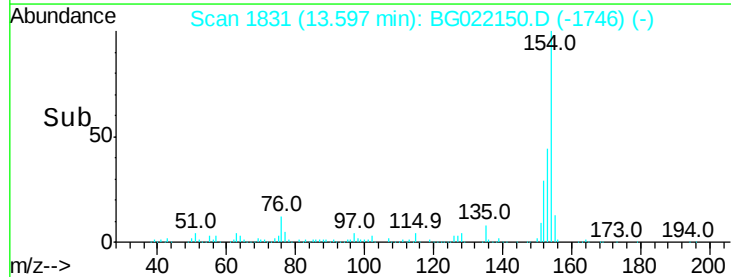
Abundance Ion 154.00 (153.70 to 154.70): E

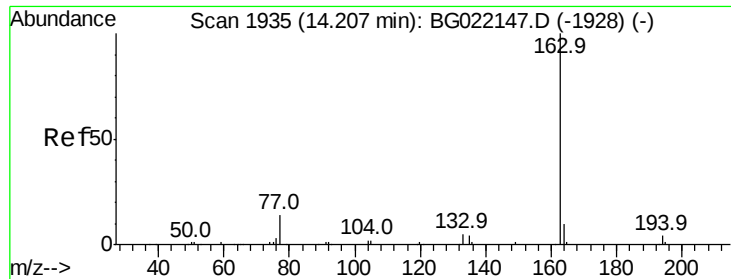
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG



Time-->





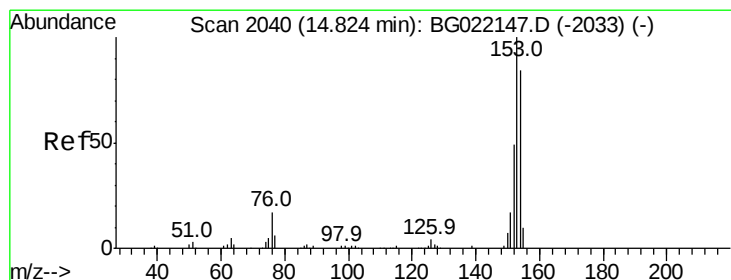
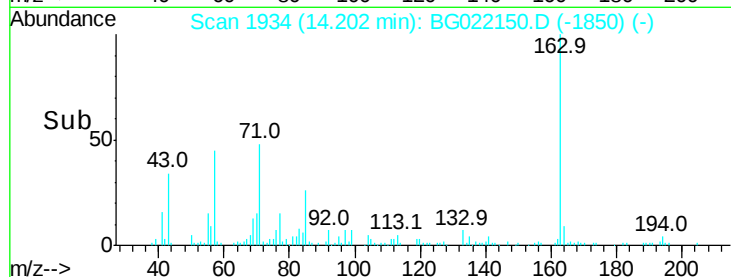
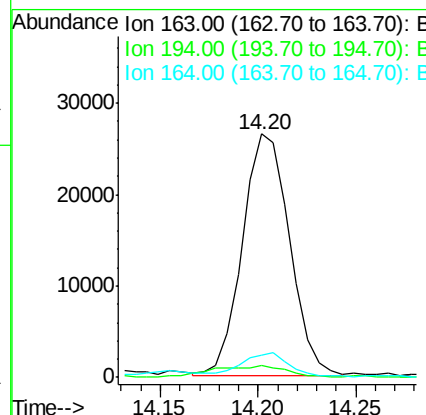
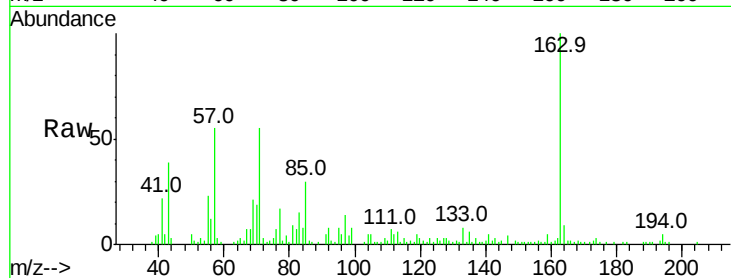
#44
Dimethylphthalate
Concen: 4.58 ng/ul
RT: 14.20 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BG022150.D
Acq: 2 Jun 2016 12:48

Instrument :
BNA_G
ClientSampleId :
CB203

Tot Ion	Ratio	Resp	Lower	Upper
163	100	44064		
194	4.8		3.4	5.2
164	9.3		8.8	13.2

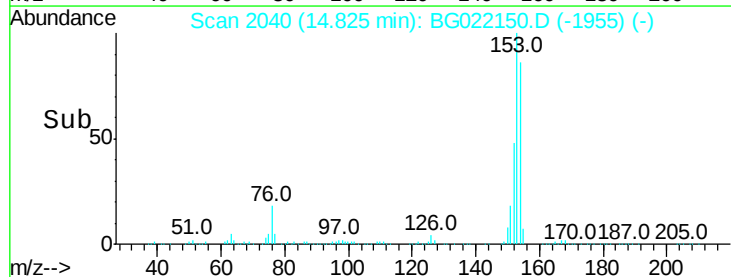
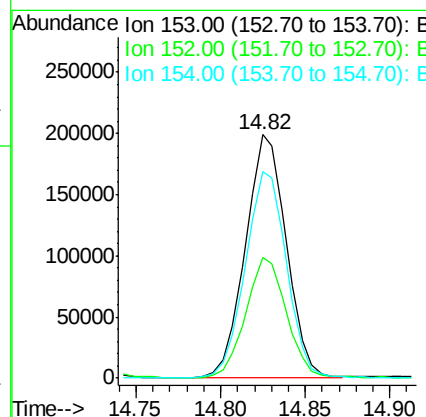
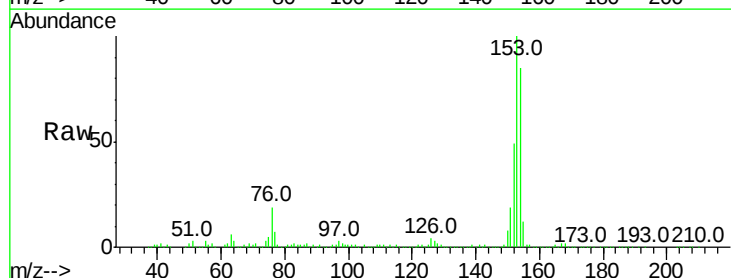
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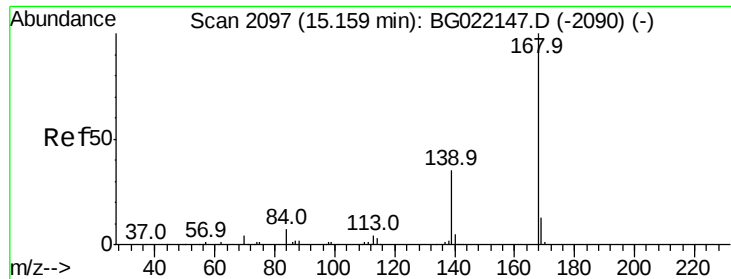
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#49
Acenaphthene
Concen: 35.51 ng/ul
RT: 14.82 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BG022150.D
Acq: 2 Jun 2016 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	334244		
152	49.5		37.3	55.9
154	85.0		68.2	102.2





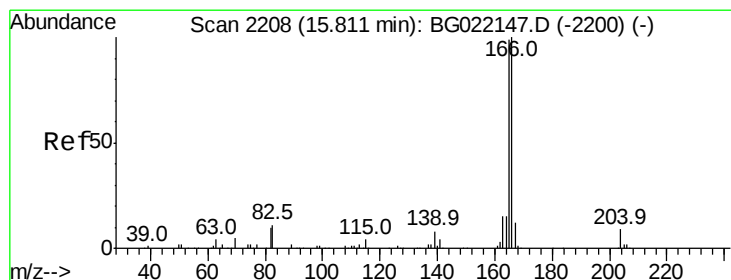
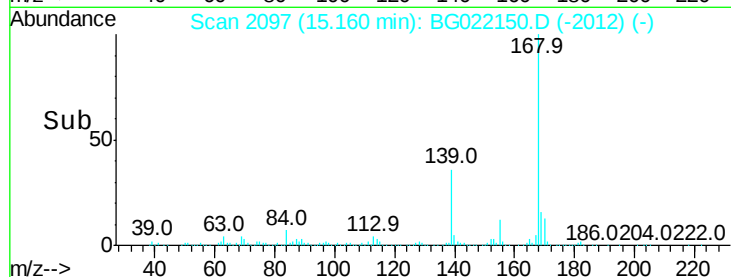
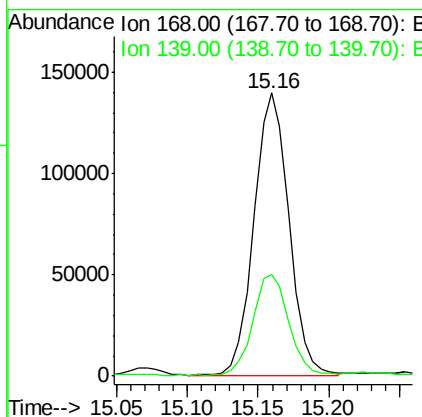
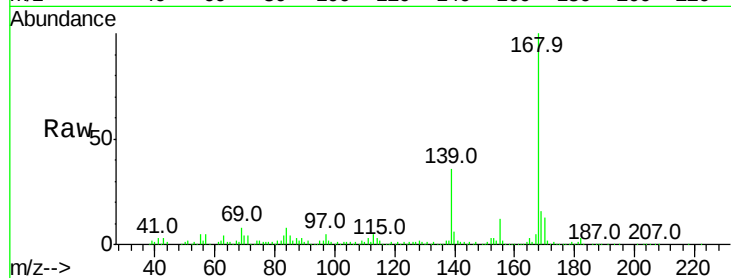
#53
Dibenzo(furan)
Concen: 20.79 ng/ul
RT: 15.16 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BG022150.D
Acq: 2 Jun 2016 12:48

Instrument :
BNA_G
ClientSampleId :
CB203

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.0	27.4	41.0

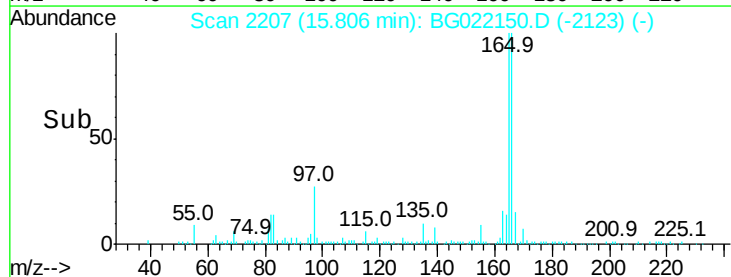
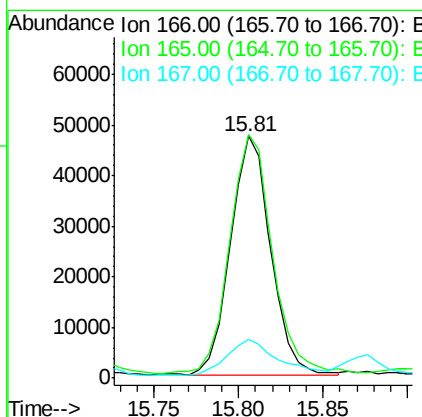
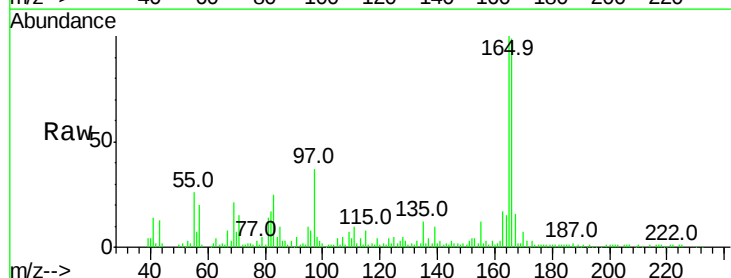
Manual Integrations
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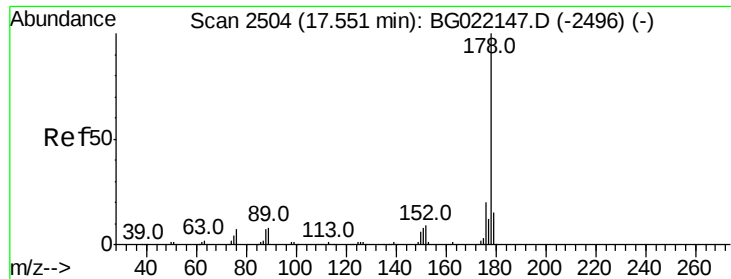
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#58
Fluorene
Concen: 7.90 ng/ul
RT: 15.81 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BG022150.D
Acq: 2 Jun 2016 12:48

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.7	80.3	120.5
167	15.8	10.3	15.5#





#69

Phenanthrene

Concen: 12.10 ng/ul

RT: 17.55 min Scan# 2504

Delta R.T. 0.00 min

Lab File: BG022150.D

Acq: 2 Jun 2016 12:48

Instrument :

BNA_G

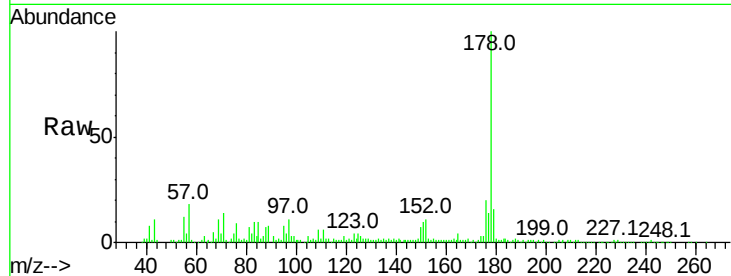
ClientSampled :

CB203

Tot Ion:	178	Resp:	167902
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.9	19.3
176	20.2	15.8	23.8

Manual Integrations
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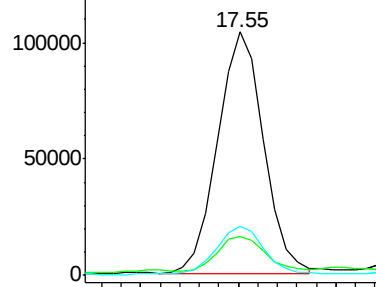
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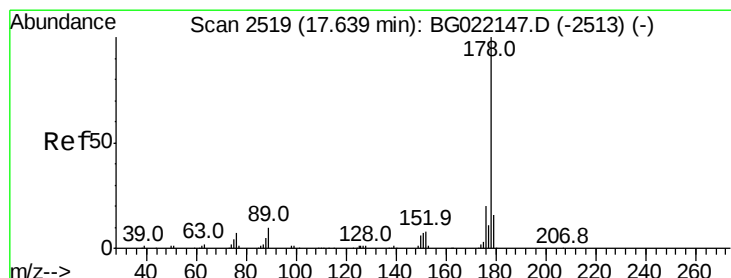
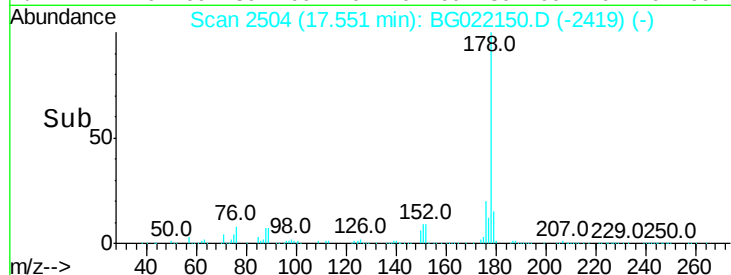
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#71

Anthracene

Concen: 2.40 ng/ul m

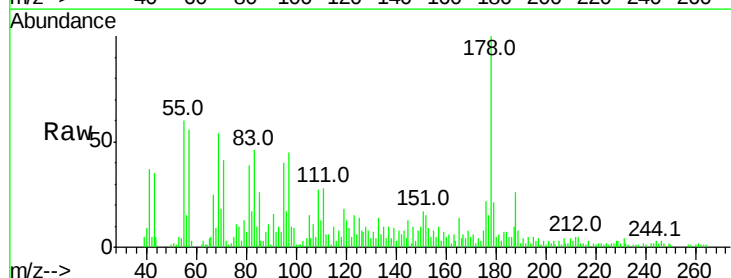
RT: 17.64 min Scan# 2519

Delta R.T. 0.00 min

Lab File: BG022150.D

Acq: 2 Jun 2016 12:48

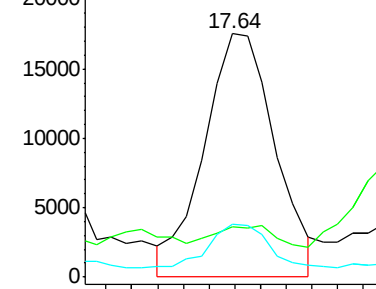
Tgt Ion:	178	Resp:	33655
Ion Ratio	Lower	Upper	
178	100		
179	20.9	12.3	18.5#
176	21.6	16.3	24.5



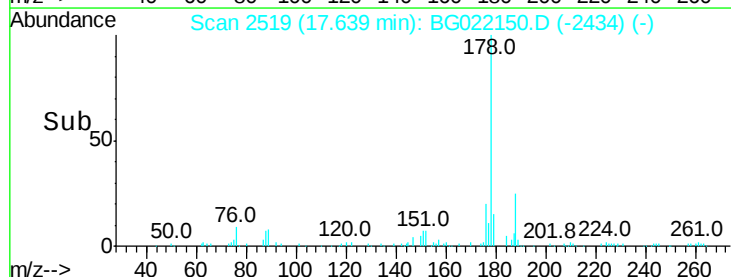
Abundance Ion 178.00 (177.70 to 178.70): E

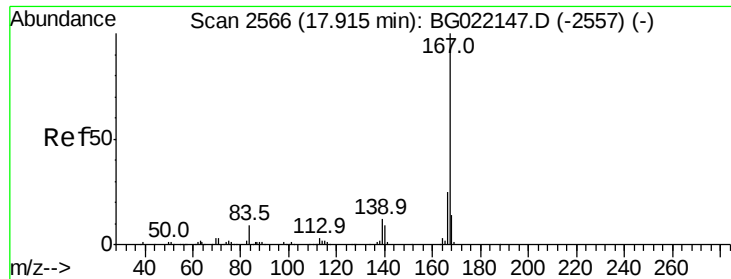
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





#72

Carbazole

Concen: 1.51 ng/ul

RT: 17.92 min Scan# 2566

Delta R.T. 0.00 min

Lab File: BG022150.D

Acq: 2 Jun 2016 12:48

Instrument :

BNA_G

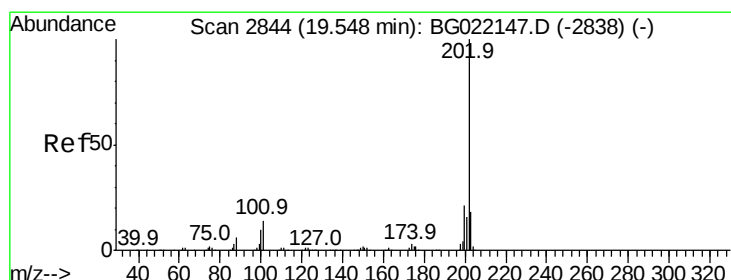
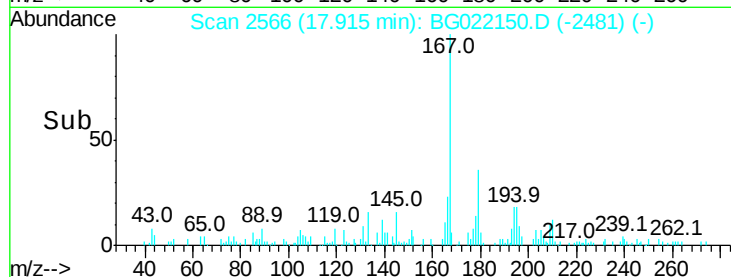
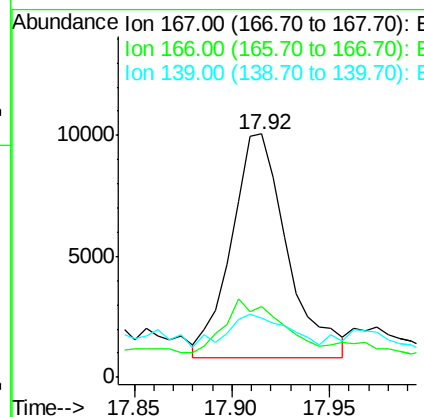
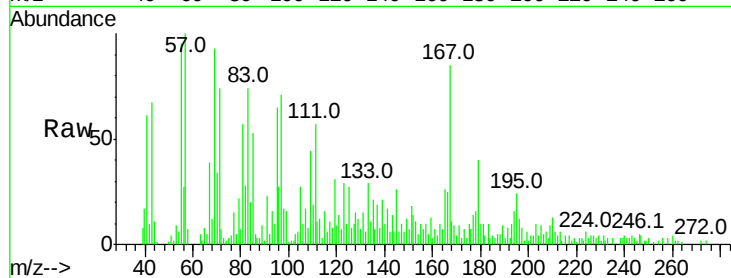
ClientSampled :

CB203

Tot Ion:	167	Resp:	18369
Ion Ratio	Lower	Upper	
167	100		
166	28.9	19.2	28.8#
139	24.5	10.2	15.4#

Manual Integrations
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#74

Fluoranthene

Concen: 15.50 ng/ul

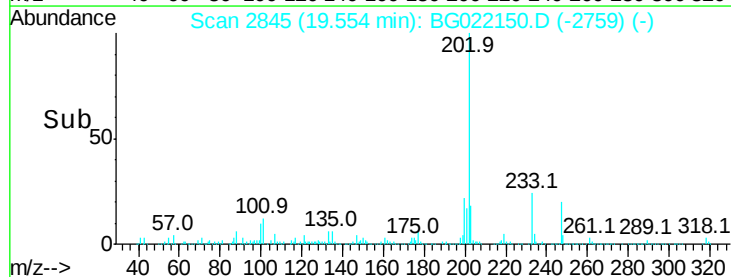
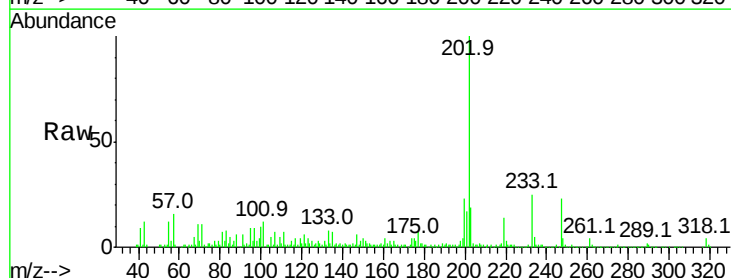
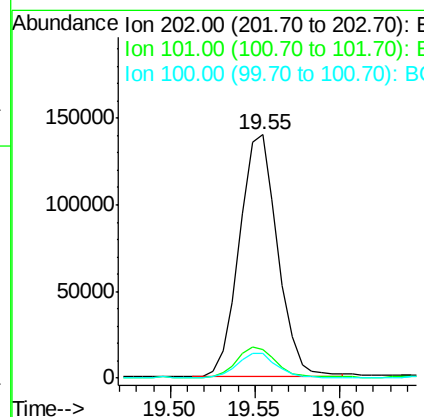
RT: 19.55 min Scan# 2845

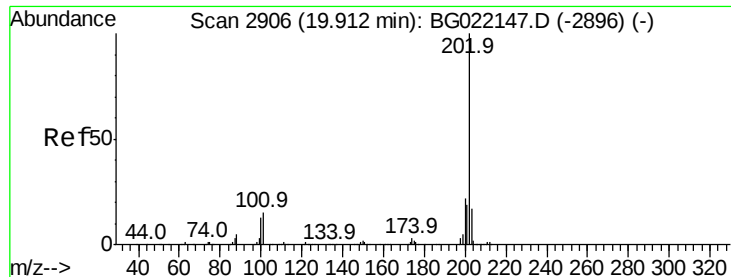
Delta R.T. 0.01 min

Lab File: BG022150.D

Acq: 2 Jun 2016 12:48

Tgt Ion:	202	Resp:	219696
Ion Ratio	Lower	Upper	
202	100		
101	11.7	10.6	16.0
100	10.2	8.7	13.1





#77

Pvrene

Concen: 10.90 ng/ul

RT: 19.91 min Scan# 2906

Delta R.T. 0.00 min

Lab File: BG022150.D

Acq: 2 Jun 2016 12:48

Instrument :

BNA_G

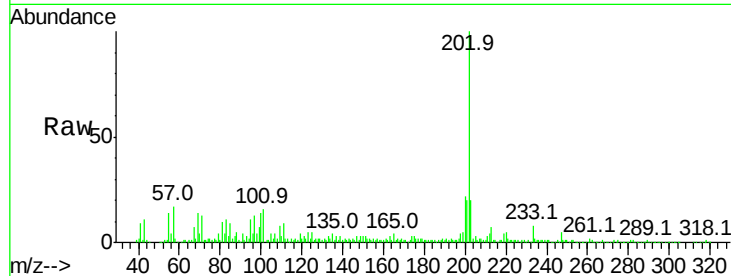
ClientSampleId :

CB203

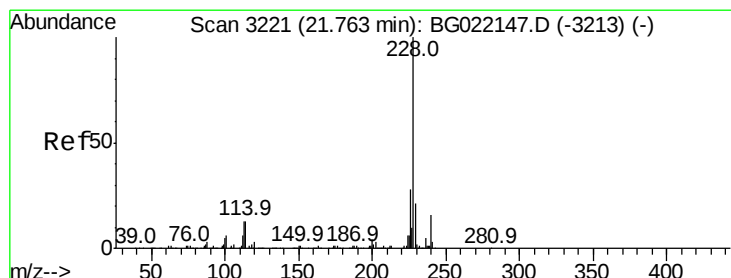
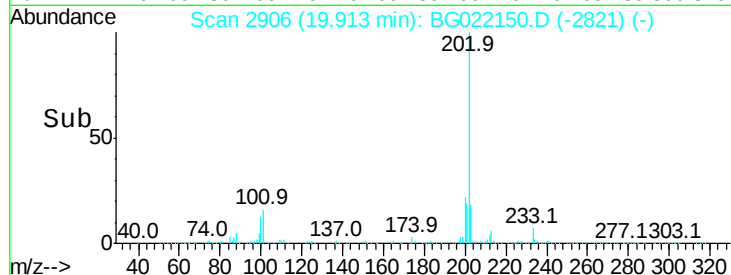
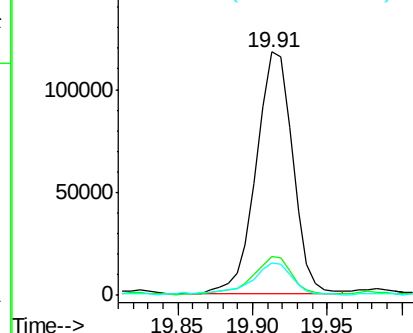
Tot Ion:	202	Resp:	197639
Ion Ratio	Lower	Upper	
202	100		
101	16.1	12.5	18.7
100	13.5	10.2	15.4

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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): E



#80

Benzo(a)anthracene

Concen: 8.58 ng/ul

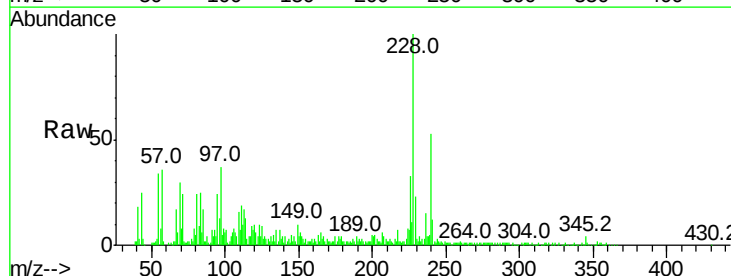
RT: 21.77 min Scan# 3222

Delta R.T. 0.01 min

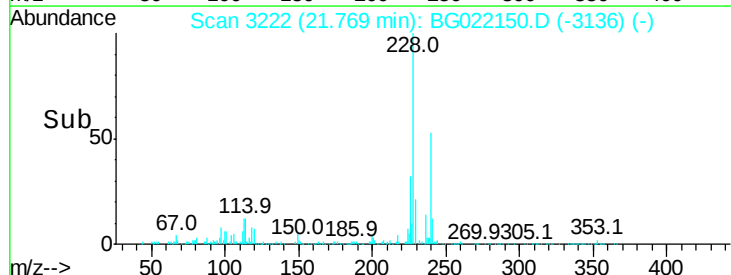
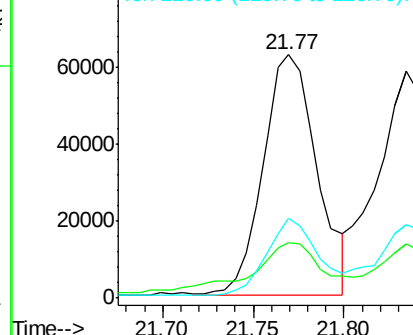
Lab File: BG022150.D

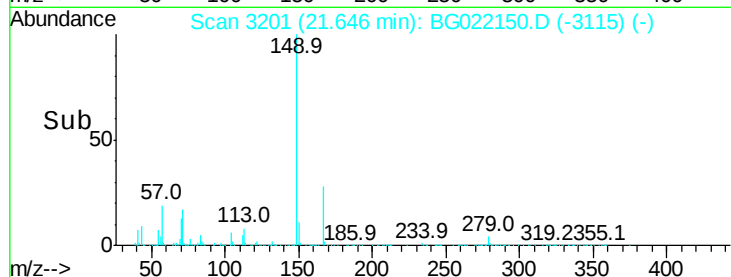
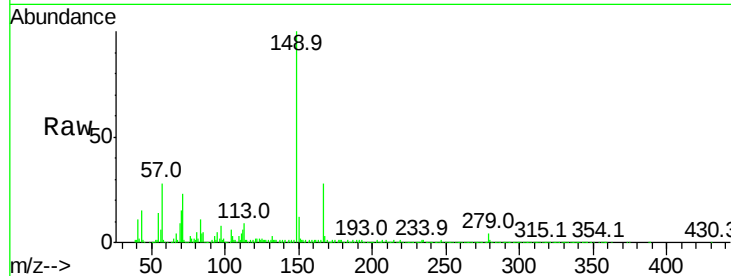
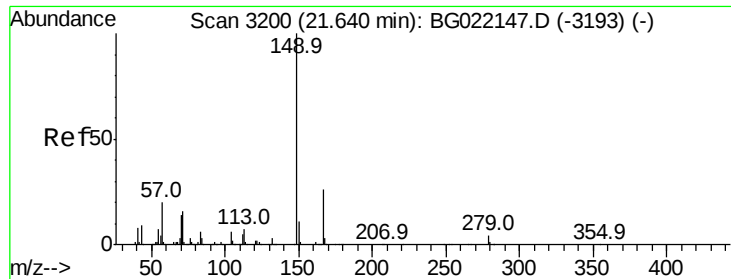
Acq: 2 Jun 2016 12:48

Tgt Ion:	228	Resp:	129664
Ion Ratio	Lower	Upper	
228	100		
229	23.0	15.4	23.2
226	33.0	22.8	34.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





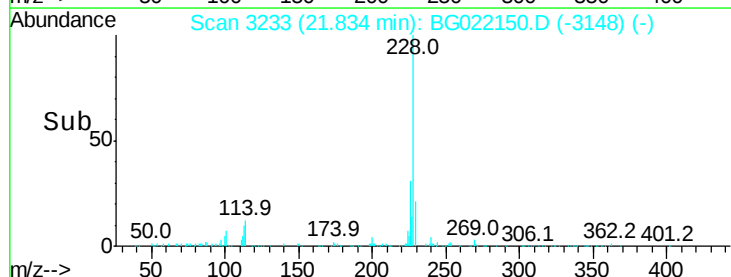
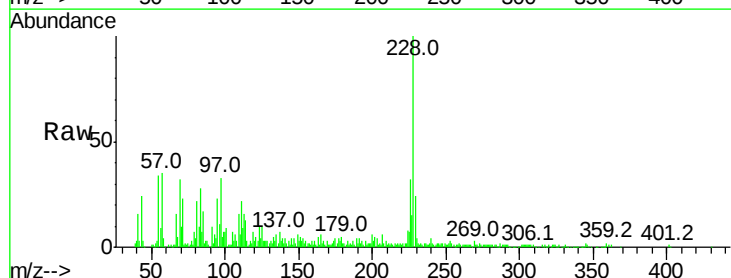
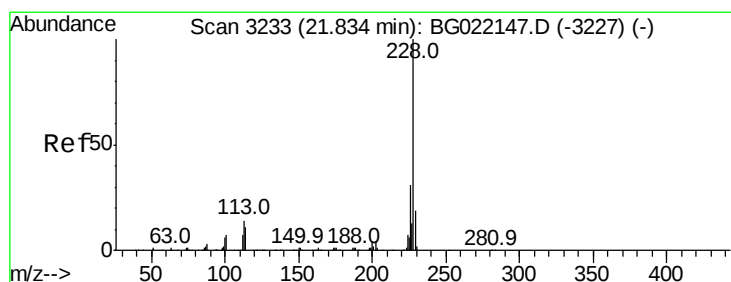
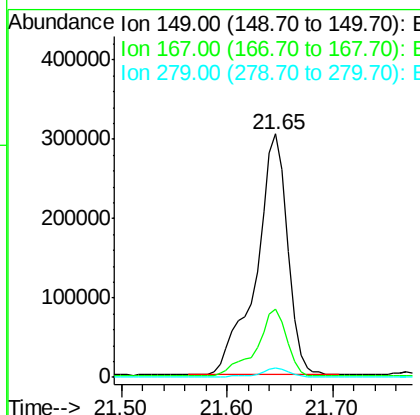
#81
Bis(2-ethylhexyl)phthalate
Concen: 51.51 ng/ul
RT: 21.65 min Scan# 3201
Delta R.T. 0.01 min
Lab File: BG022150.D
Acq: 2 Jun 2016 12:48

Instrument :
BNA_G
ClientSampleId :
CB203

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.8	21.9	32.9	
279	4.1	2.9	4.3	

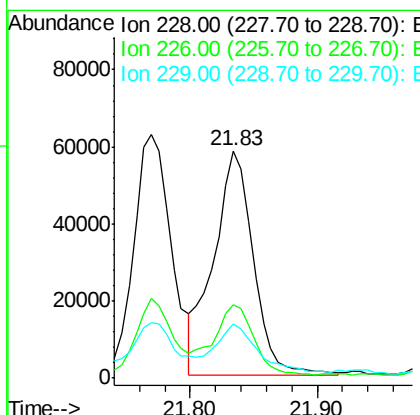
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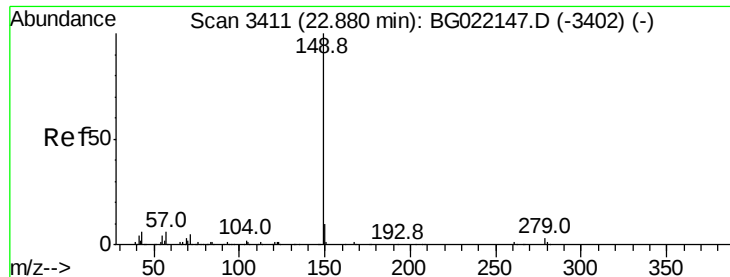
umangi
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#82
Chrysene
Concen: 8.84 ng/ul
RT: 21.83 min Scan# 3233
Delta R.T. 0.00 min
Lab File: BG022150.D
Acq: 2 Jun 2016 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	32.3	24.2	36.4	
229	23.7	15.0	22.6	





#84

Di-n-octyl phthalate

Concen: 3.69 ng/ul

RT: 22.89 min Scan# 3412

Delta R.T. 0.01 min

Lab File: BG022150.D

Acq: 2 Jun 2016 12:48

Instrument :

BNA_G

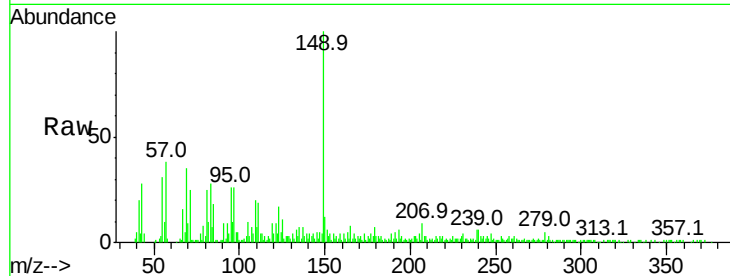
ClientSampleId :

CB203

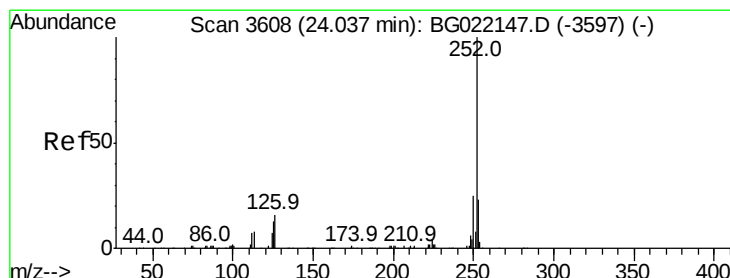
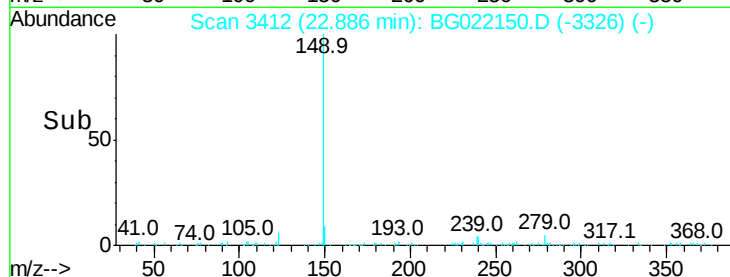
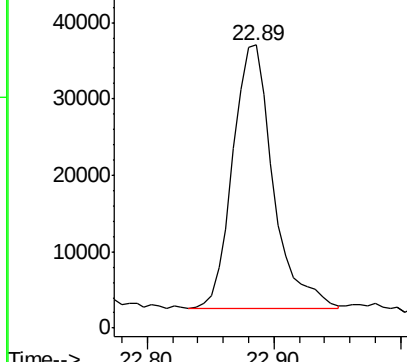
Tgt Ion:149 Resp: 76524

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Abundance Ion 149.00 (148.70 to 149.70): E



#85

Benzo(b)fluoranthene

Concen: 11.48 ng/ul

RT: 24.06 min Scan# 3611

Delta R.T. 0.02 min

Lab File: BG022150.D

Acq: 2 Jun 2016 12:48

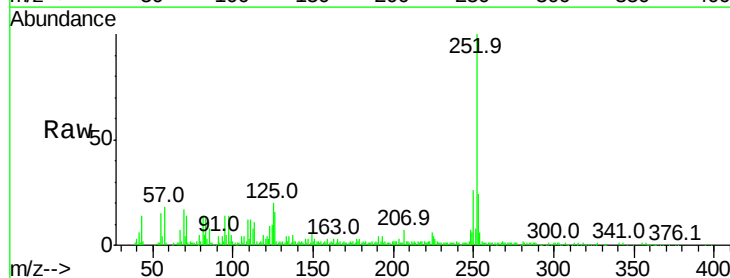
Tgt Ion:252 Resp: 170863

Ion Ratio Lower Upper

252 100

253 23.7 18.2 27.2

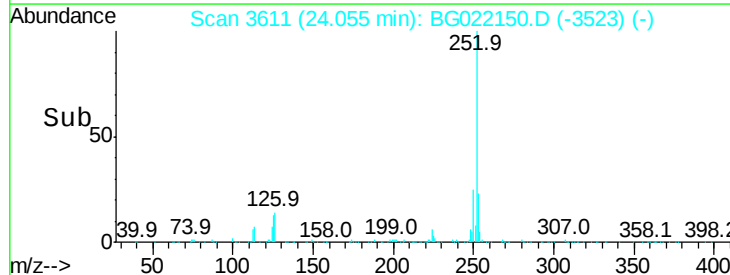
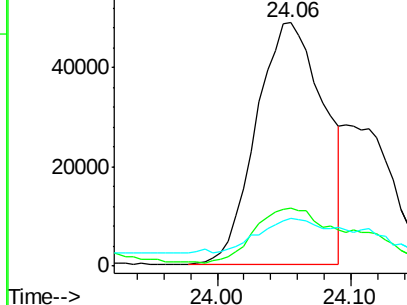
125 19.7 10.8 16.2#

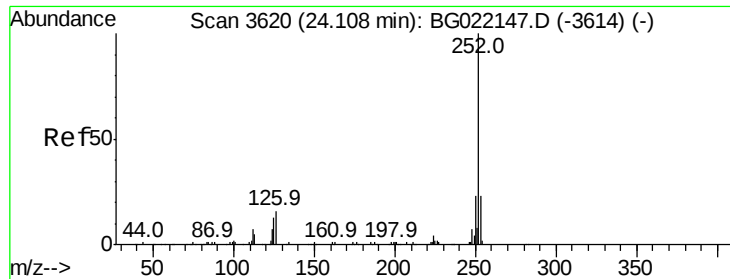


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





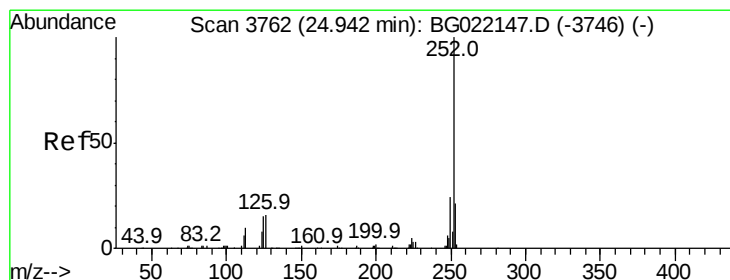
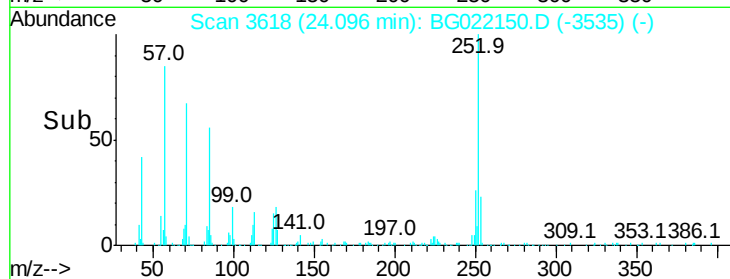
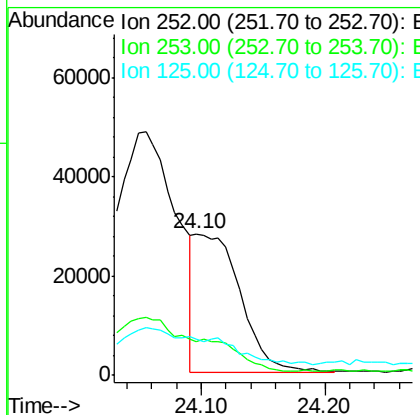
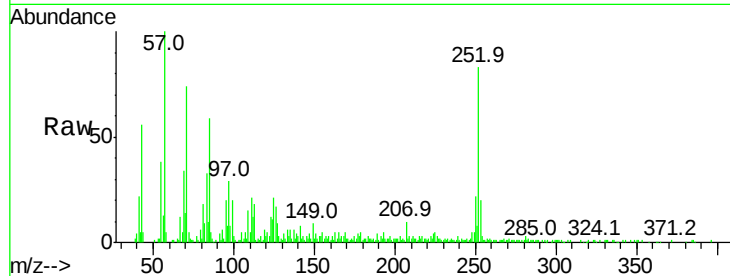
#86
Benzo(k)fluoranthene
Concen: 5.01 ng/ul m
RT: 24.10 min Scan# 3618
Delta R.T. -0.01 min
Lab File: BG022150.D
Acq: 2 Jun 2016 12:48

Instrument :
BNA_G
ClientSampleId :
CB203

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	15.8	23.6#
125	25.3	10.6	16.0#

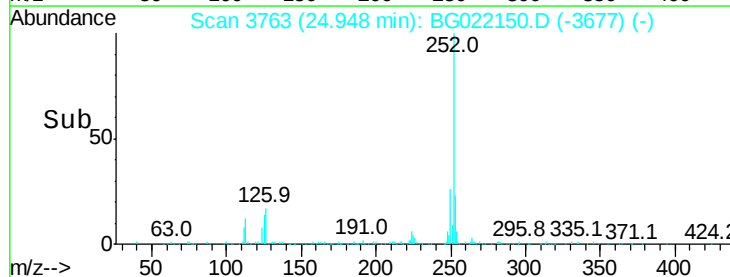
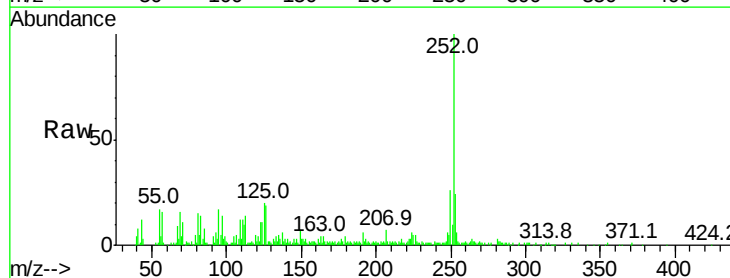
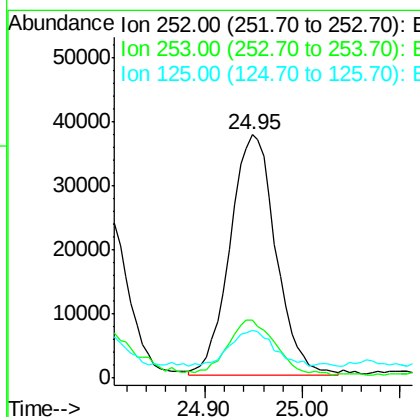
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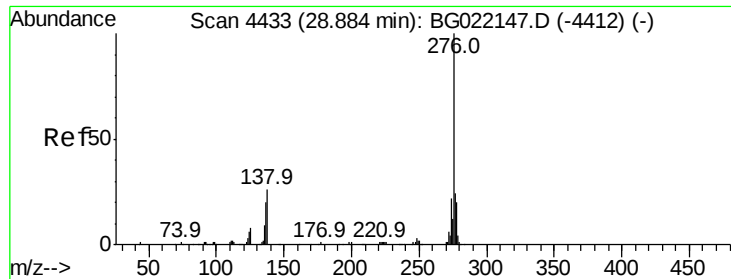
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#88
Benzo(a)pyrene
Concen: 8.55 ng/ul
RT: 24.95 min Scan# 3763
Delta R.T. 0.01 min
Lab File: BG022150.D
Acq: 2 Jun 2016 12:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.0	28.4
125	19.6	12.0	18.0#





#89

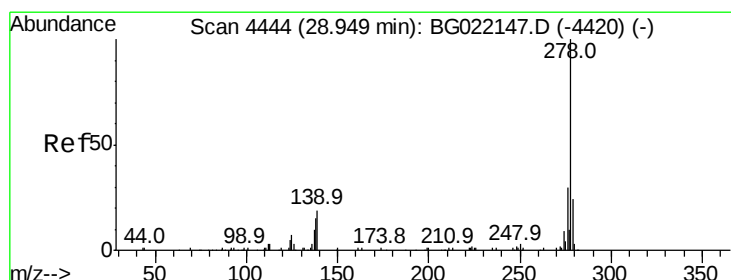
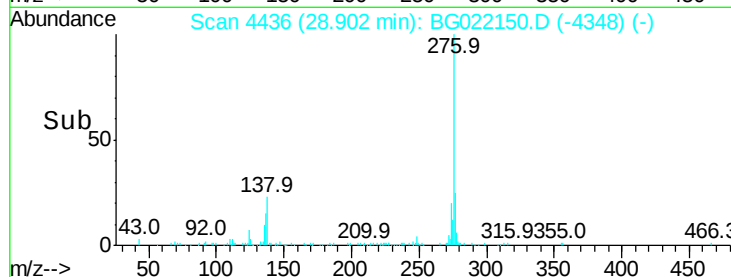
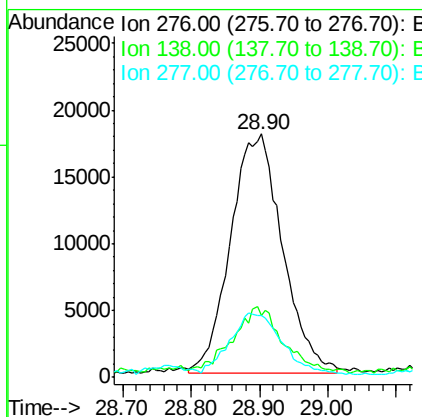
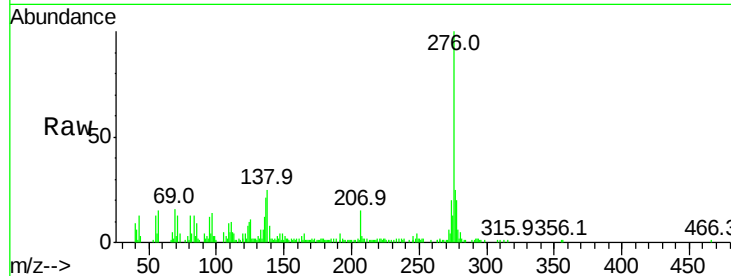
Indeno(1,2,3-cd)pyrene
Concen: 5.76 ng/ul m
RT: 28.90 min Scan# 4436
Delta R.T. 0.02 min
Lab File: BG022150.D
Acq: 2 Jun 2016 12:48

Instrument :
BNA_G
ClientSampleId :
CB203

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.4	20.8	31.2
277	25.4	17.6	26.4

Manual Integrations
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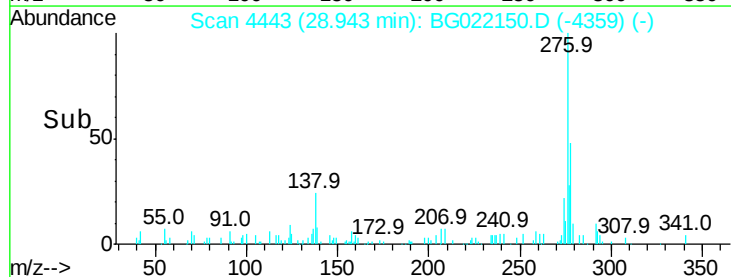
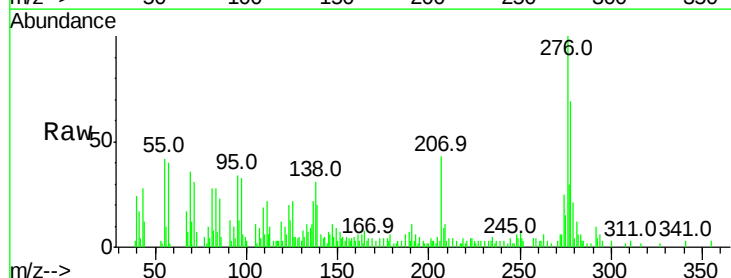
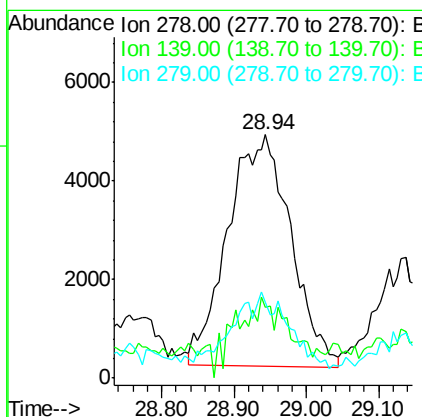
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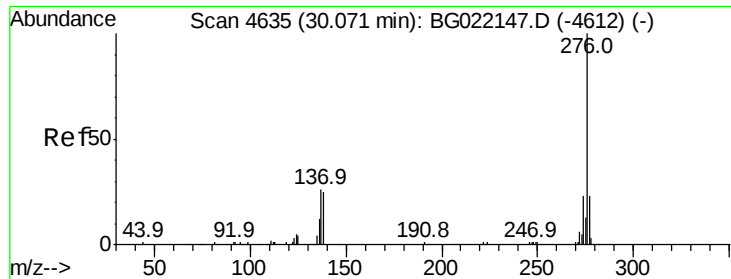


#90

Dibenzo(a,h)anthracene
Concen: 2.06 ng/ul m
RT: 28.94 min Scan# 4443
Delta R.T. -0.01 min
Lab File: BG022150.D
Acq: 2 Jun 2016 12:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.0	16.3	24.5#
279	31.0	19.1	28.7#





#91

Benzo(a,h,i)perylene

Concen: 5.71 ng/ul

RT: 30.08 min Scan# 4637

Delta R.T. 0.01 min

Lab File: BG022150.D

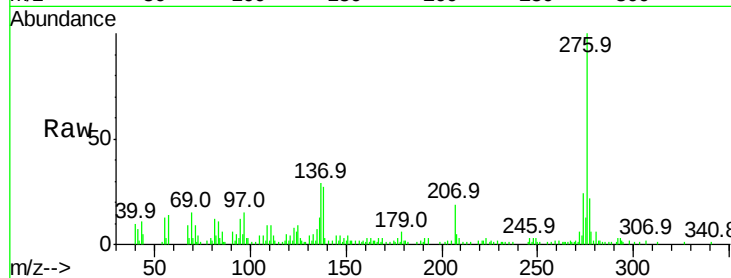
Acq: 2 Jun 2016 12:48

Instrument :

BNA_G

ClientSampleId :

CB203



Tot Ion: 276 Resp: 75278

Ion Ratio Lower Upper

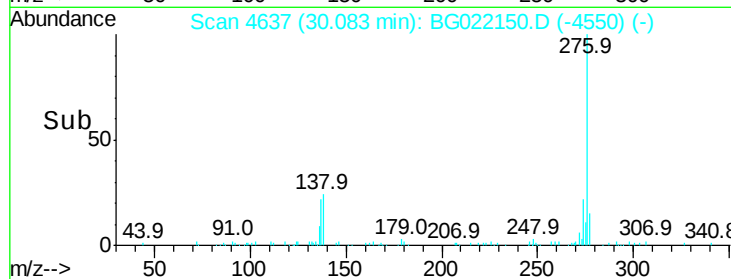
276 100

138 27.0 22.1 33.1

277 22.1 17.0 25.4

Manual Integrations
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

