

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101117\
 Data File : BG029161.D
 Acq On : 11 Oct 2017 6:02
 Operator : SJ/JU
 Sample : I5668-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB3G5

Manual Integrations
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Quant Time: Oct 11 08:17:25 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101117.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 11 04:24:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	55951	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	247550	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	166066	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	392488	20.00	ng/ul	0.00
18) Chrysene-d12	21.85	240	415990	20.00	ng/ul	0.00
23) Perylene-d12	25.20	264	427396	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.64	165	13828	2.92	ng/ul	0.00
7) Acenaphthylene-d8	14.52	160	227872	13.69	ng/ul	0.00
10) Fluorene-d10	15.81	176	179417	13.74	ng/ul	0.00
15) Anthracene-d10	17.66	188	261737	13.49	ng/ul	0.00
19) Pyrene-d10	19.93	212	311752	14.26	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.97	264	277715	12.99	ng/ul	0.00
Target Compounds						
						Qvalue
4) Naphthalene	11.09	128	14254	1.095	ng/ul	97
9) Acenaphthene	14.89	153	13159	1.175	ng/ul	94
11) Fluorene	15.87	166	13420	1.040	ng/ul	94
14) Phenanthrene	17.61	178	248932	11.709	ng/ul	99
16) Anthracene	17.70	178	54061	2.481	ng/ul	95
17) Fluoranthene	19.60	202	446927	17.865	ng/ul	99
20) Pyrene	19.96	202	376661	14.934	ng/ul	99
21) Benzo(a)anthracene	21.82	228	220960	8.718	ng/ul	100
22) Chrysene	21.89	228	199763	8.732	ng/ul	98
24) Benzo(b)fluoranthene	24.14	252	278271	10.566	ng/ul	100
25) Benzo(k)fluoranthene	24.19	252	84431	3.255	ng/ul	97
27) Benzo(a)pyrene	25.04	252	170935	6.651	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	29.03	276	88097	3.596	ng/ul	96
30) Benzo(g,h,i)perylene	30.22	276	64654m	3.785	ng/ul	

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

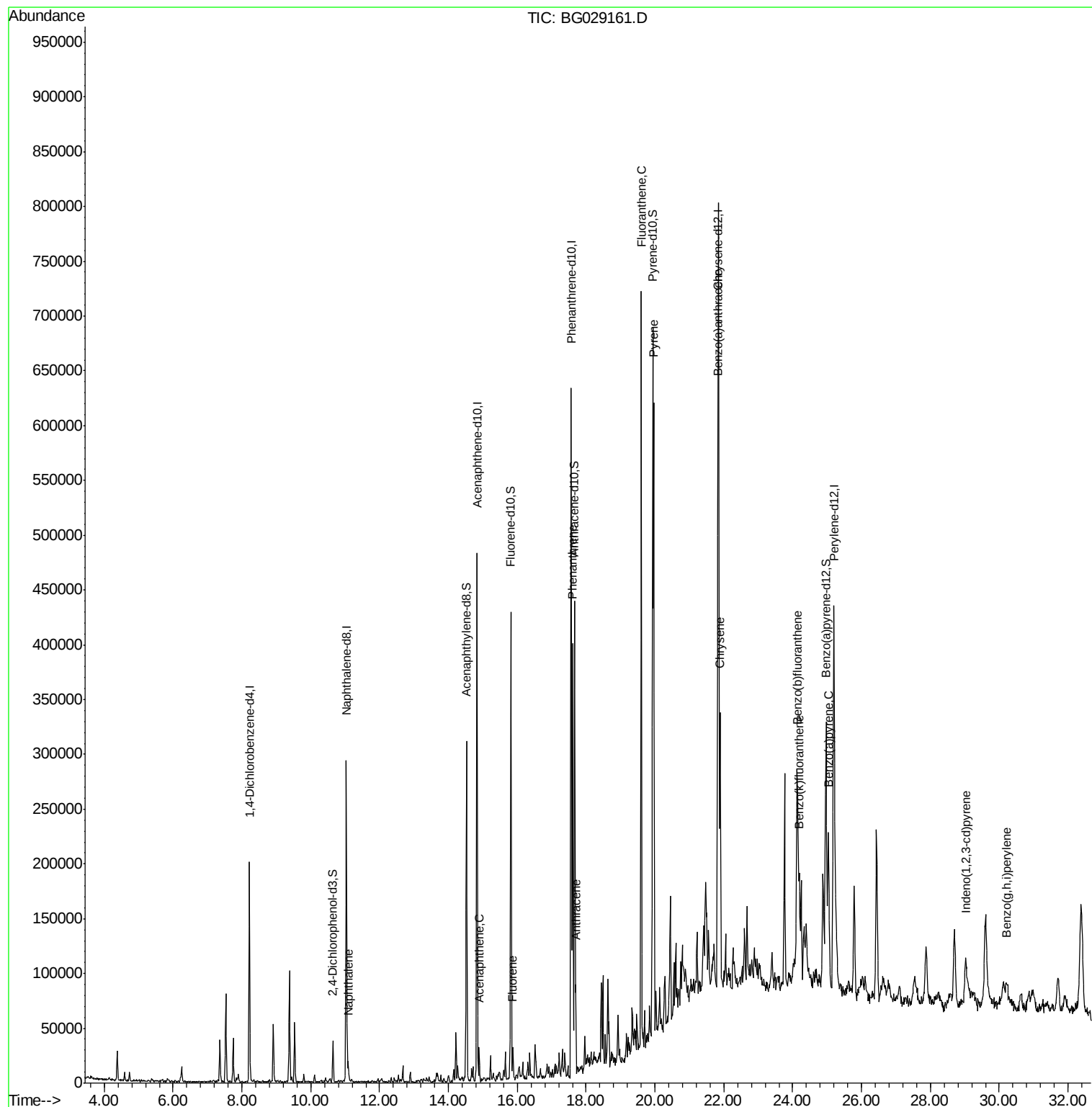
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101117\
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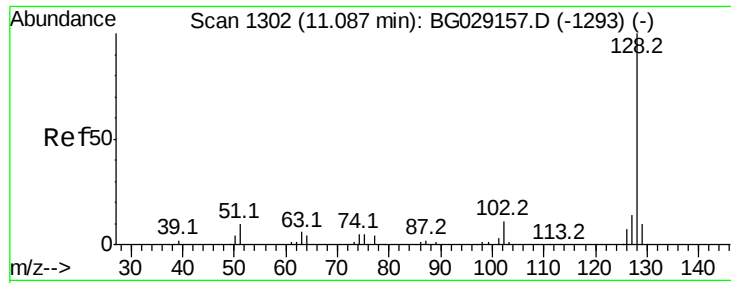
Instrument :
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ClientSampleId :
CB3G5

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Quant Time: Oct 11 08:17:25 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101117.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 04:24:22 2017
Response via : Initial Calibration





#4

Naphthalene

Concen: 1.095 ng/ul

RT: 11.09 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BG029161.D

Acq: 11 Oct 2017 6:02

Instrument :

BNA_G

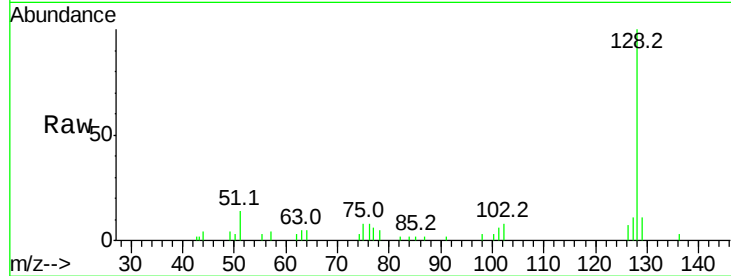
ClientSampled :

CB3G5

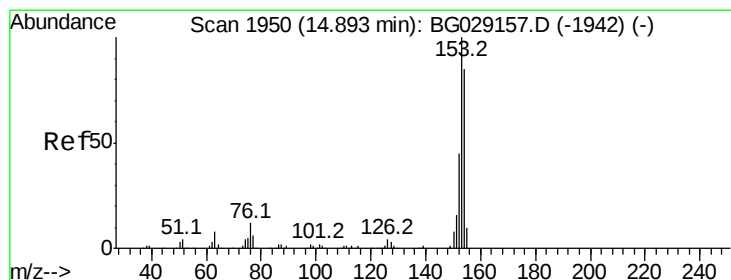
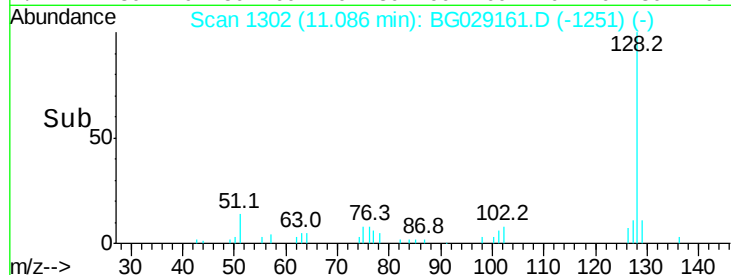
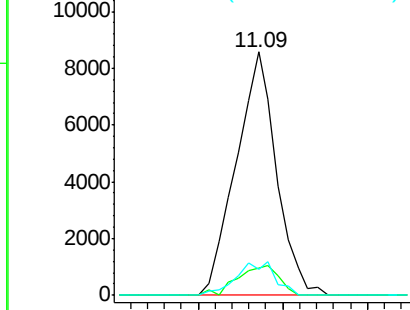
Tot Ion:	128	Resp:	14254
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.0	13.4
127	10.8	10.6	15.8

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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



#9

Acenaphthene

Concen: 1.175 ng/ul

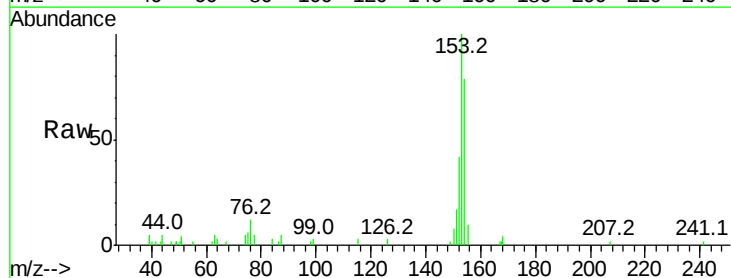
RT: 14.89 min Scan# 1950

Delta R.T. -0.00 min

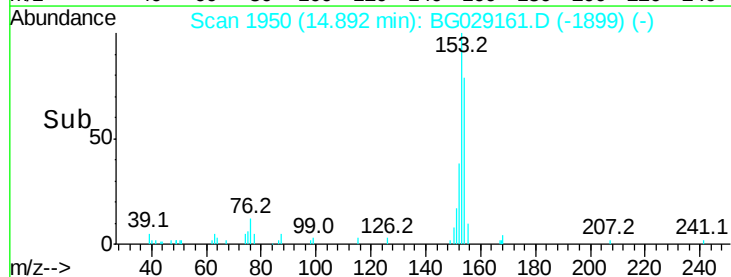
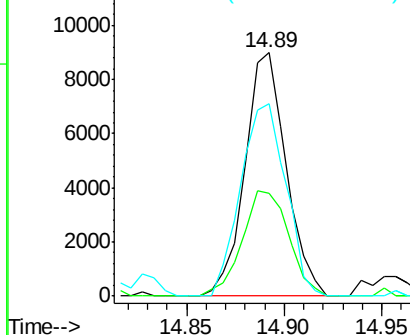
Lab File: BG029161.D

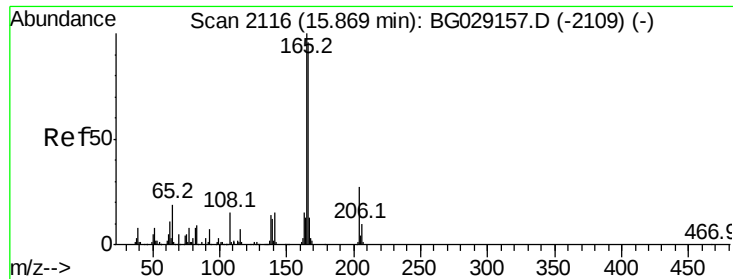
Acq: 11 Oct 2017 6:02

Tgt Ion:	153	Resp:	13159
Ion Ratio	Lower	Upper	
153	100		
152	42.2	36.2	54.4
154	79.2	68.4	102.6



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 1.040 ng/ul

RT: 15.87 min Scan# 2116

Delta R.T. -0.00 min

Lab File: BG029161.D

Acq: 11 Oct 2017 6:02

Instrument :

BNA_G

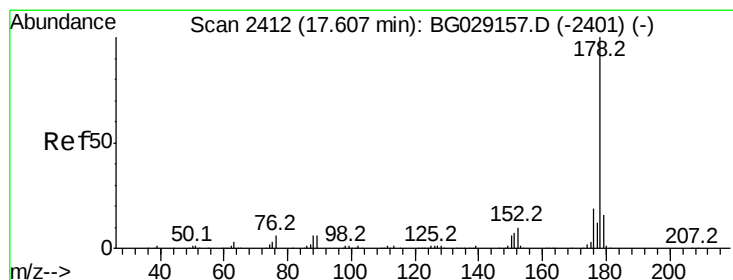
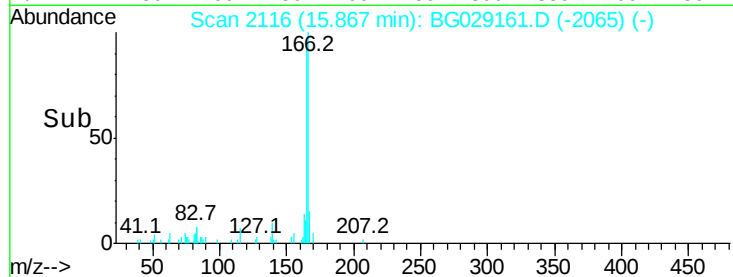
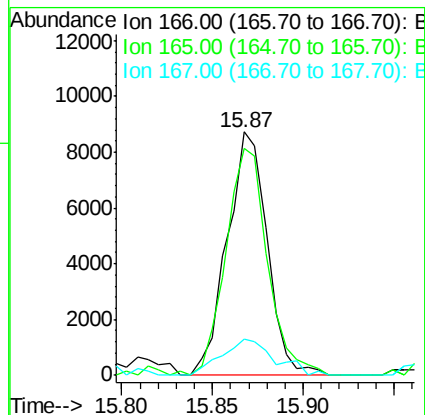
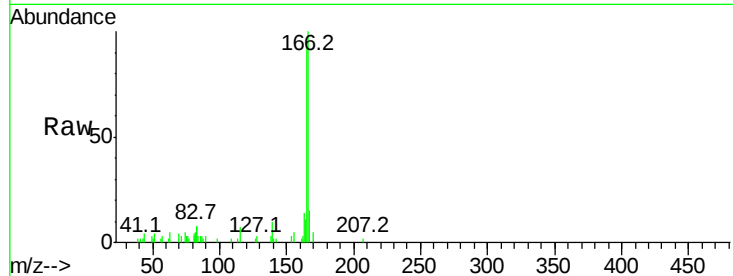
ClientSampled :

CB3G5

Tot Ion:	166	Resp:	13420
Ion Ratio	Lower	Upper	
166	100		
165	93.2	79.4	119.0
167	14.8	10.2	15.4

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#14

Phenanthrene

Concen: 11.709 ng/ul

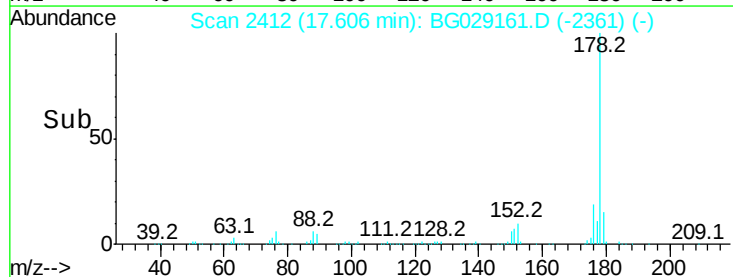
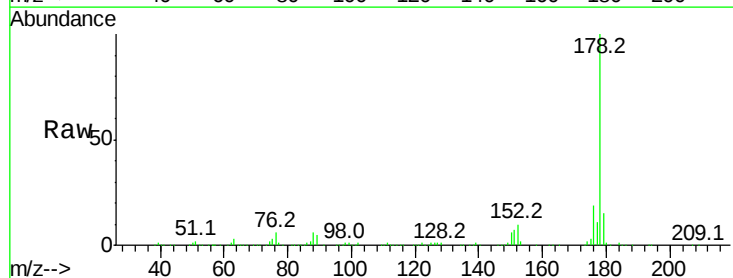
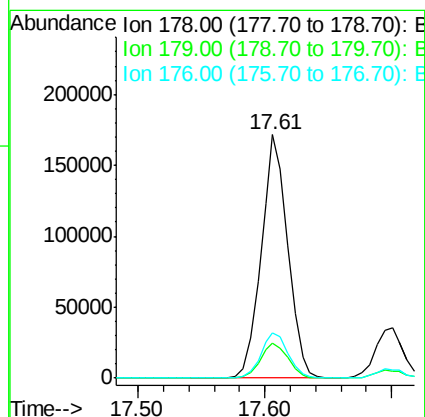
RT: 17.61 min Scan# 2412

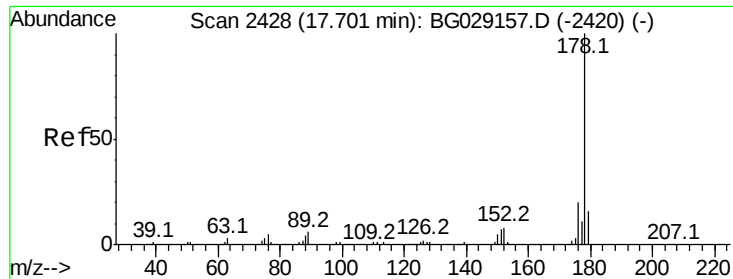
Delta R.T. -0.00 min

Lab File: BG029161.D

Acq: 11 Oct 2017 6:02

Tgt Ion:	178	Resp:	248932
Ion Ratio	Lower	Upper	
178	100		
179	14.6	12.2	18.2
176	18.7	15.0	22.6





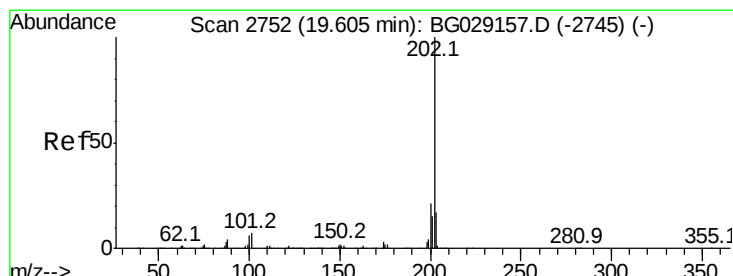
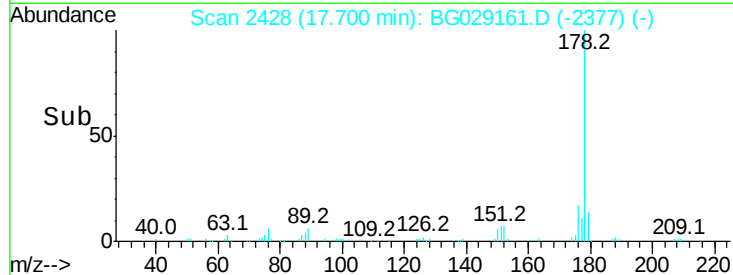
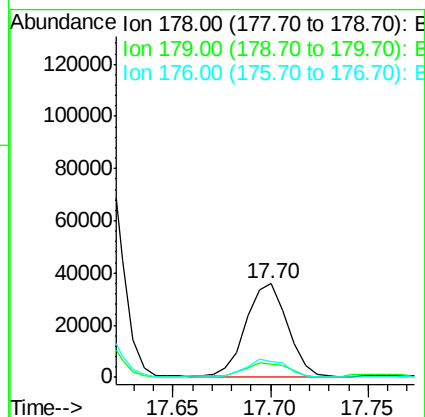
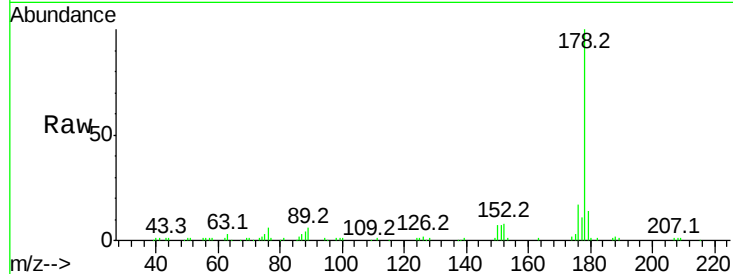
#16
 Anthracene
 Concen: 2.481 ng/ul
 RT: 17.70 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG029161.D
 Acq: 11 Oct 2017 6:02

Instrument :
 BNA_G
 ClientSampleId :
 CB3G5

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.2	12.5	18.7
176	17.0	15.7	23.5

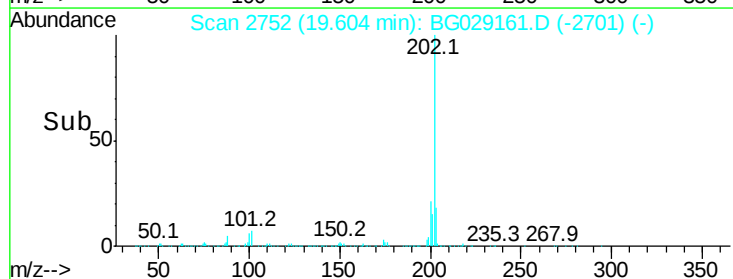
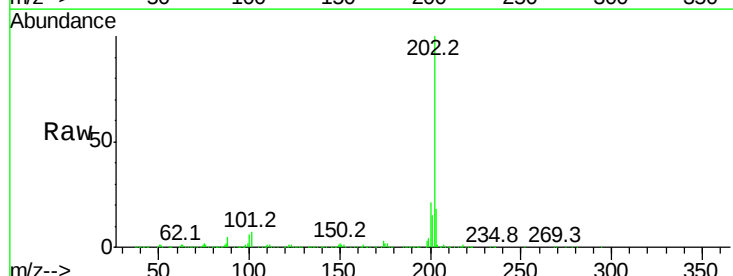
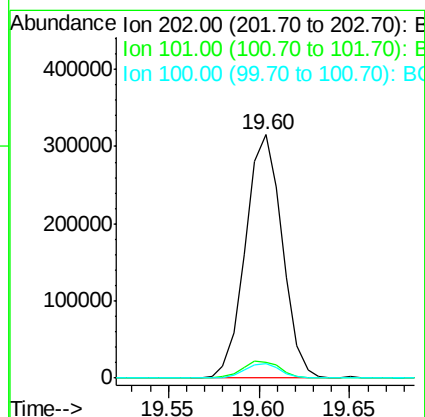
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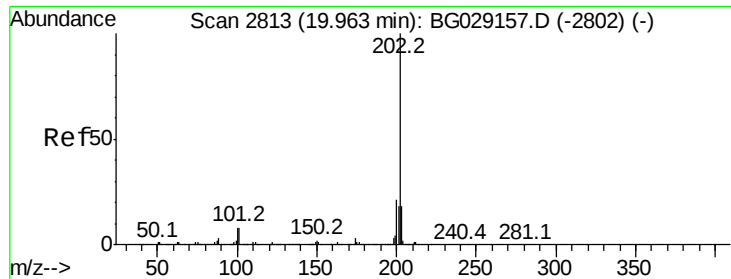
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#17
 Fluoranthene
 Concen: 17.865 ng/ul
 RT: 19.60 min Scan# 2752
 Delta R.T. -0.00 min
 Lab File: BG029161.D
 Acq: 11 Oct 2017 6:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.6	5.6	8.4
100	5.9	4.7	7.1





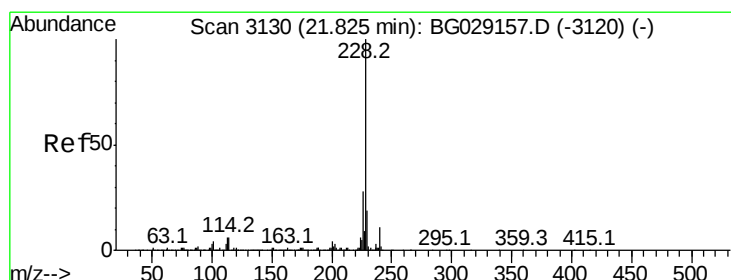
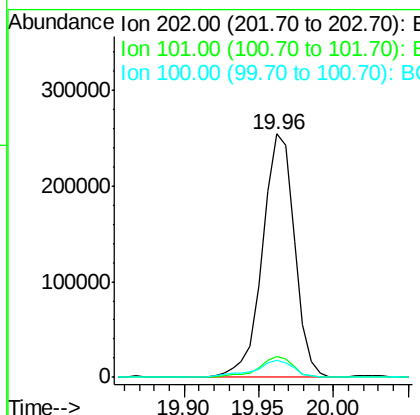
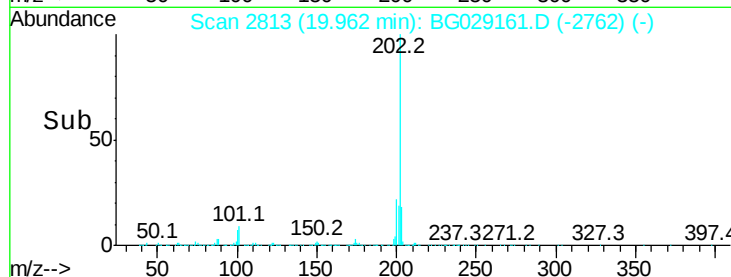
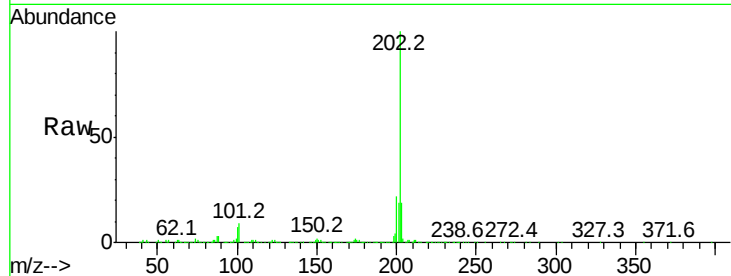
#20
Pvrene
Concen: 14.934 ng/ul
RT: 19.96 min Scan# 2813
Delta R.T. -0.00 min
Lab File: BG029161.D
Acq: 11 Oct 2017 6:02

Instrument :
BNA_G
ClientSampleId :
CB3G5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.7	6.5	9.7
100	7.1	5.5	8.3

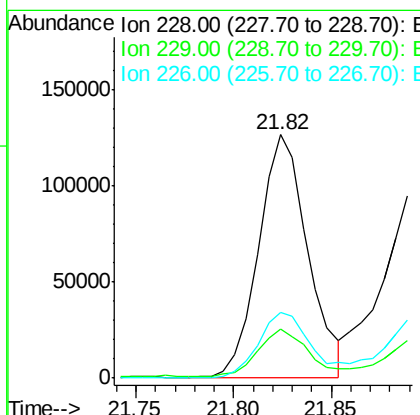
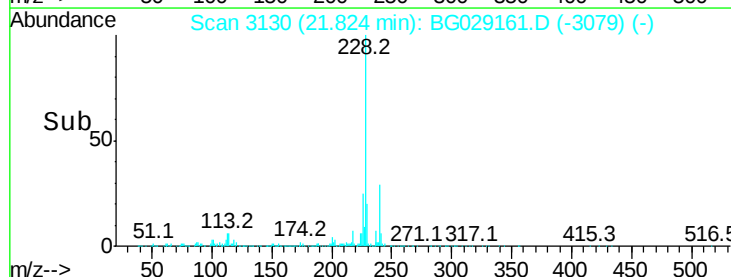
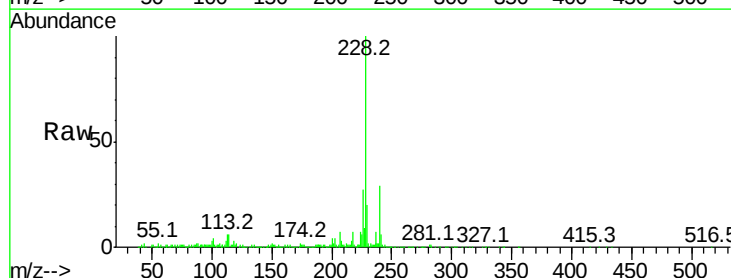
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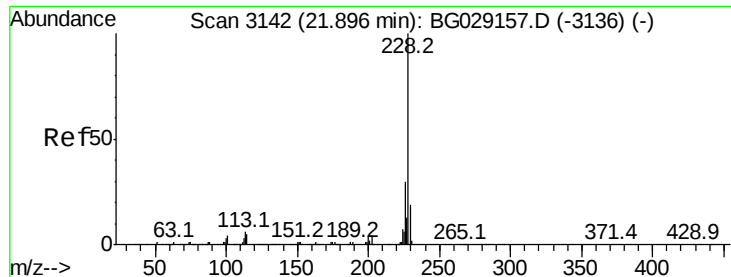
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#21
Benzo(a)anthracene
Concen: 8.718 ng/ul
RT: 21.82 min Scan# 3130
Delta R.T. -0.00 min
Lab File: BG029161.D
Acq: 11 Oct 2017 6:02

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.2	15.8	23.8
226	26.9	21.6	32.4





#22

Chrysene

Concen: 8.732 ng/ul

RT: 21.89 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG029161.D

Acq: 11 Oct 2017 6:02

Instrument :

BNA_G

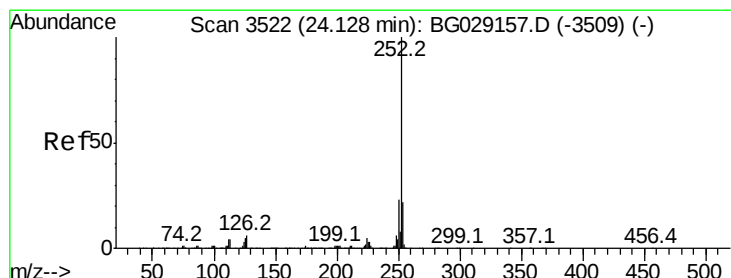
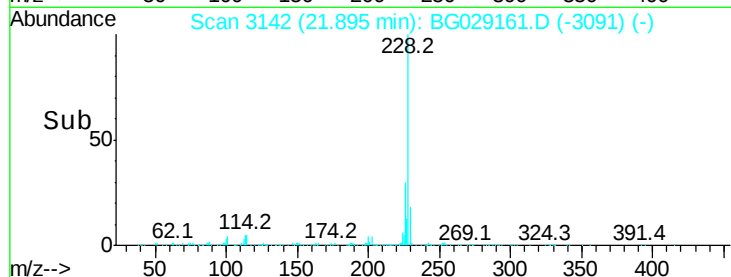
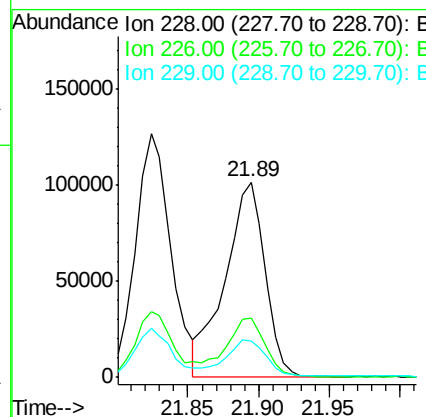
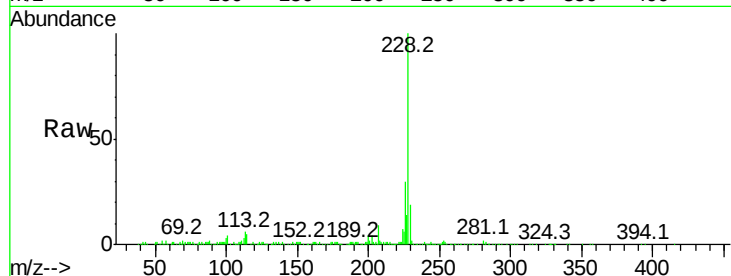
ClientSampleId :

CB3G5

Tot Ion:	228	Resp:	199763
Ion Ratio		Lower	Upper
228	100		
226	30.1	23.4	35.0
229	18.9	15.7	23.5

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#24

Benzo(b)fluoranthene

Concen: 10.566 ng/ul

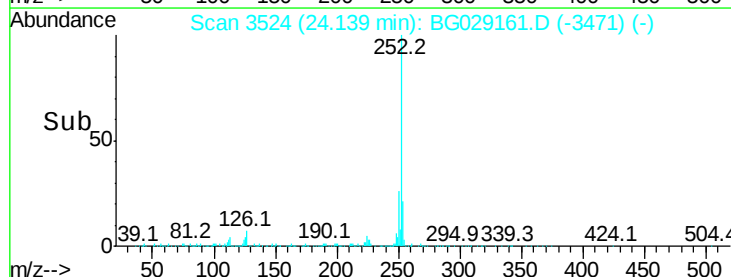
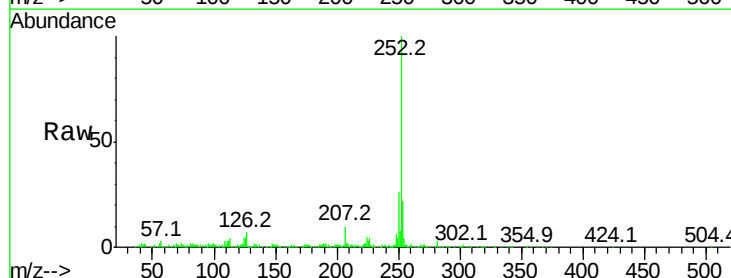
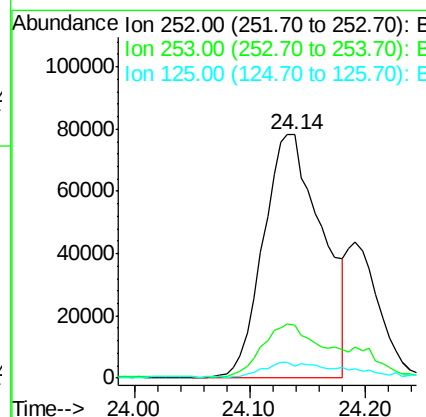
RT: 24.14 min Scan# 3524

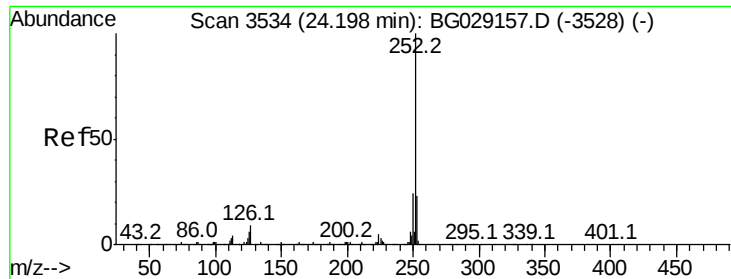
Delta R.T. 0.01 min

Lab File: BG029161.D

Acq: 11 Oct 2017 6:02

Tgt Ion:	252	Resp:	278271
Ion Ratio		Lower	Upper
252	100		
253	21.9	17.6	26.4
125	5.1	4.5	6.7





#25

Benzo(k)fluoranthene

Concen: 3.255 ng/ul

RT: 24.19 min Scan# 3533

Delta R.T. -0.01 min

Lab File: BG029161.D

Acq: 11 Oct 2017 6:02

Instrument :

BNA_G

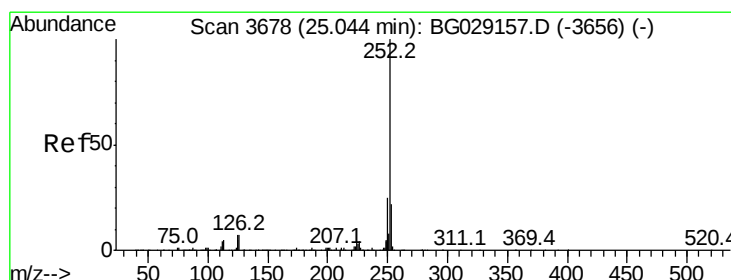
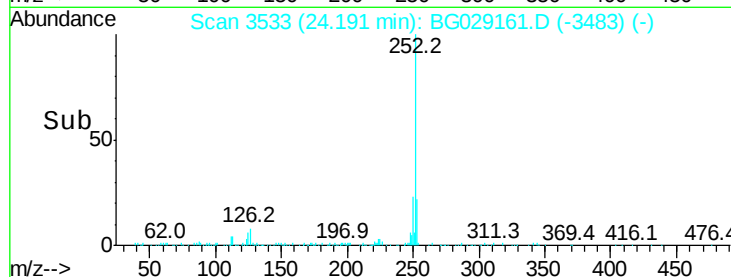
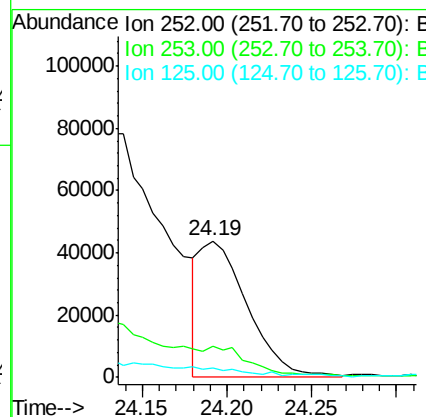
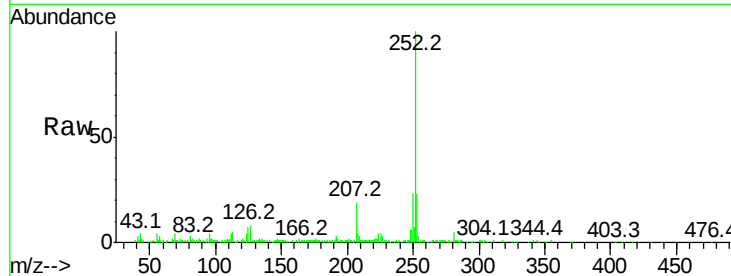
ClientSampled :

CB3G5

Tot Ion:	252	Resp:	84431
Ion Ratio	Lower	Upper	
252	100		
253	22.6	16.8	25.2
125	7.0	5.1	7.7

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#27

Benzo(a)pyrene

Concen: 6.651 ng/ul

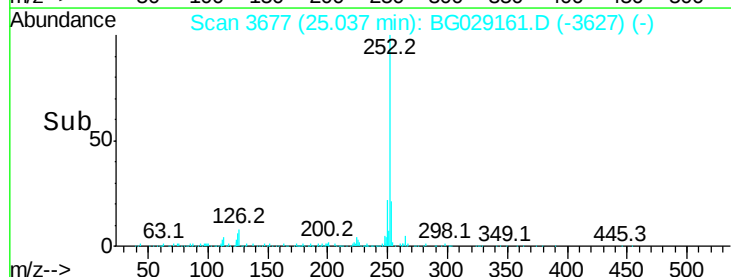
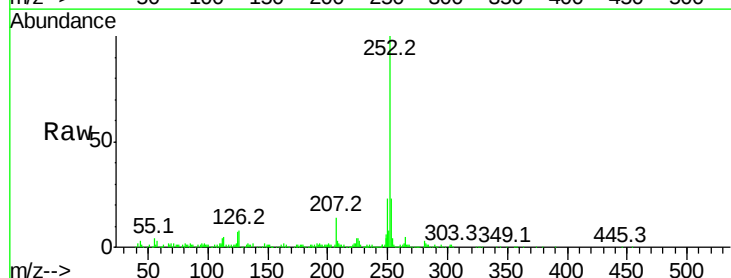
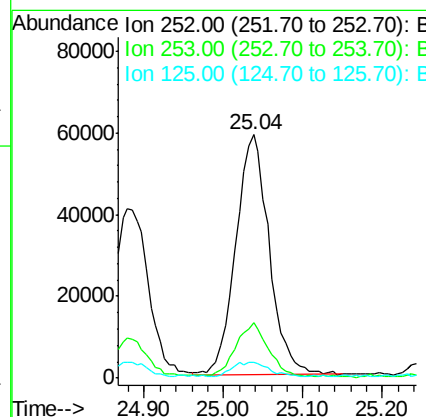
RT: 25.04 min Scan# 3677

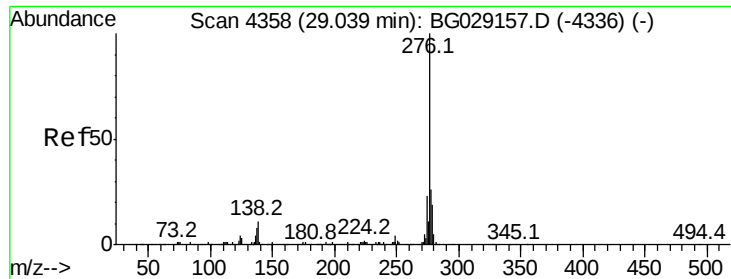
Delta R.T. -0.01 min

Lab File: BG029161.D

Acq: 11 Oct 2017 6:02

Tgt Ion:	252	Resp:	170935
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.6	26.4
125	6.7	5.4	8.2





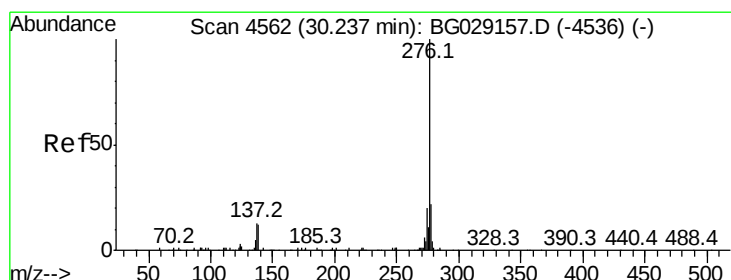
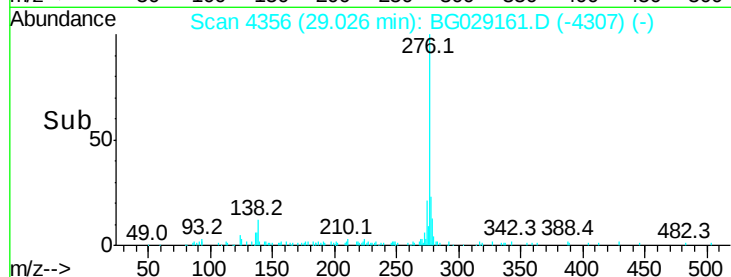
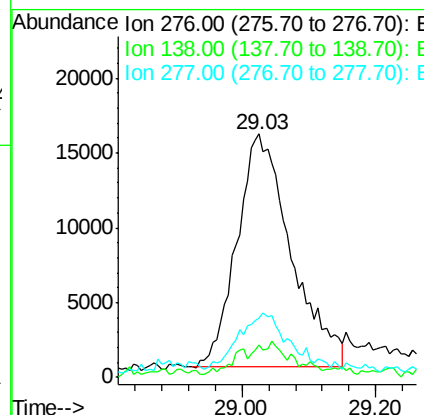
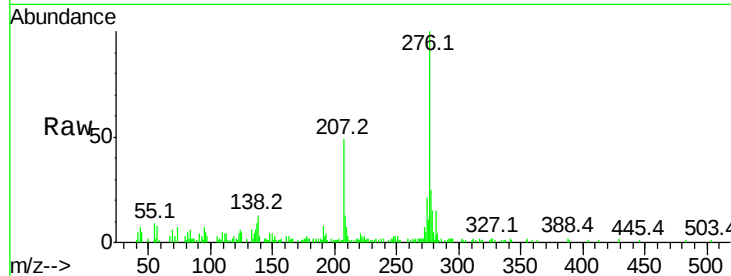
#28
Indeno(1,2,3-cd)pyrene
Concen: 3.596 ng/ul
RT: 29.03 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BG029161.D
Acq: 11 Oct 2017 6:02

Instrument :
BNA_G
ClientSampleId :
CB3G5

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.1	9.5	14.3
277	24.5	18.1	27.1

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#30
Benzo(g,h,i)perylene
Concen: 3.785 ng/ul m
RT: 30.22 min Scan# 4559
Delta R.T. -0.02 min
Lab File: BG029161.D
Acq: 11 Oct 2017 6:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.0	9.3	13.9#
277	21.7	17.9	26.9

