

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\
 Data File : BG029179.D
 Acq On : 12 Oct 2017 00:01
 Operator : SJ/JU
 Sample : I5668-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB3H1

Manual Integrations
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Sohil
 10/13/2017 12:08:15 PM

Quant Time: Oct 12 09:53:21 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	53811	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	232059	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	158281	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	367531	20.00	ng/ul	0.00
18) Chrysene-d12	21.85	240	394166	20.00	ng/ul	0.00
23) Perylene-d12	25.19	264	396954	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.64	165	87238	19.67	ng/ul	0.00
7) Acenaphthylene-d8	14.53	160	338962	21.36	ng/ul	0.00
10) Fluorene-d10	15.81	176	248359	19.95	ng/ul	0.00
15) Anthracene-d10	17.66	188	370892	20.42	ng/ul	0.00
19) Pyrene-d10	19.93	212	441930	21.34	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.96	264	411389	20.72	ng/ul	0.00
Target Compounds				Qvalue		
4) Naphthalene	11.08	128	13081	1.072	ng/ul	97
9) Acenaphthene	14.89	153	20418	1.913	ng/ul	91
11) Fluorene	15.87	166	21033	1.710	ng/ul#	98
14) Phenanthrene	17.60	178	207049	10.400	ng/ul	99
16) Anthracene	17.70	178	47800	2.342	ng/ul	97
17) Fluoranthene	19.60	202	269971	11.524	ng/ul	98
20) Pyrene	19.96	202	215939	9.036	ng/ul	99
21) Benzo(a)anthracene	21.82	228	125205	5.214	ng/ul	99
22) Chrysene	21.89	228	120689	5.568	ng/ul	99
24) Benzo(b)fluoranthene	24.13	252	144717	5.917	ng/ul	94
25) Benzo(k)fluoranthene	24.19	252	55467m	2.302	ng/ul	
27) Benzo(a)pyrene	25.03	252	95849	4.015	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	29.02	276	43915	1.930	ng/ul#	84
30) Benzo(a,h,i)perylene	30.21	276	30370	1.914	ng/ul	96

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

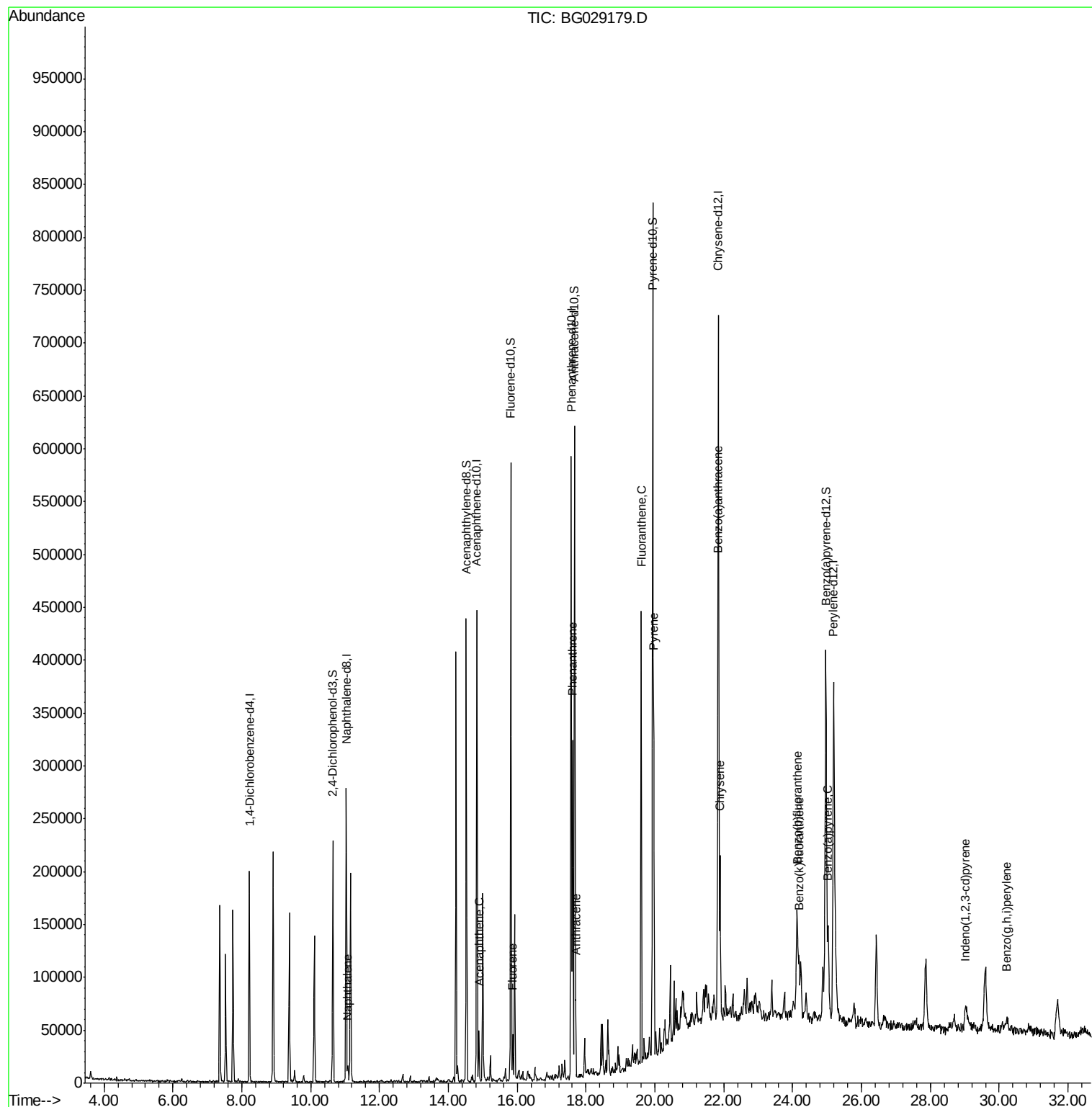
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\
Data File : BG029179.D
Acq On : 12 Oct 2017 00:01
Operator : SJ/JU
Sample : I5668-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

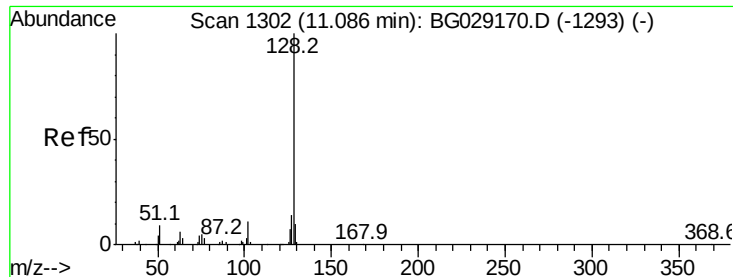
Instrument :
BNA_G
ClientSampled :
CB3H1

Manual Integrations
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Sohil
10/13/2017 12:08:15 PM

Quant Time: Oct 12 09:53:21 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: 1.072 ng/ul

RT: 11.08 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BG029179.D

Acq: 12 Oct 2017 00:01

Instrument :

BNA_G

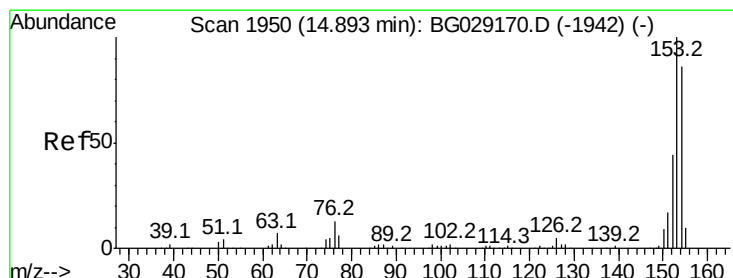
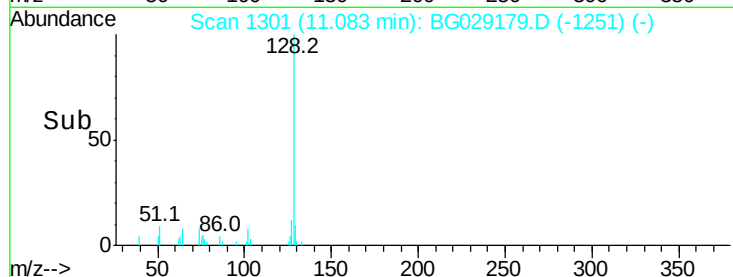
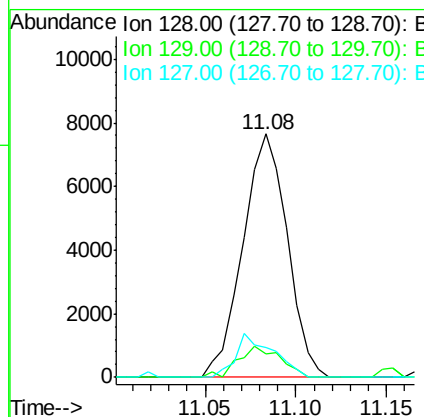
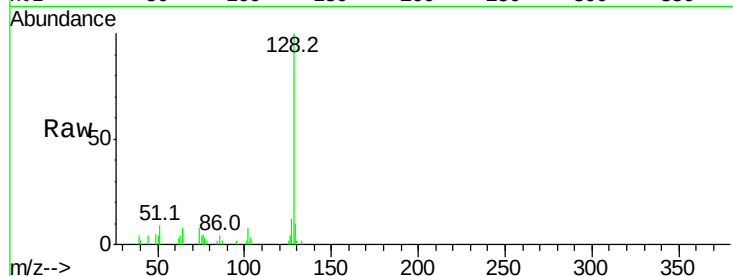
ClientSampled :

CB3H1

Tot Ion:	128	Resp:	13081
Ion Ratio	Lower	Upper	
128	100		
129	9.7	9.0	13.4
127	12.3	10.6	15.8

Manual Integrations
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#9

Acenaphthene

Concen: 1.913 ng/ul

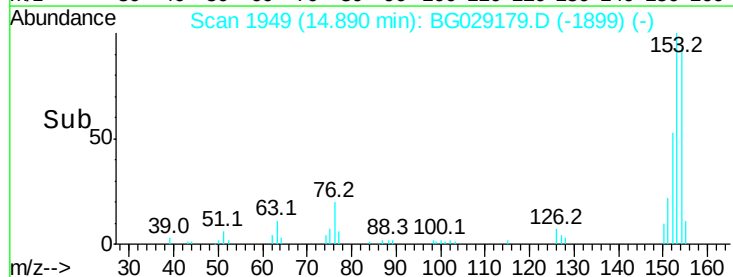
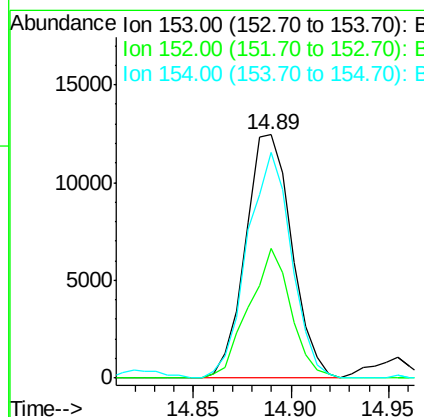
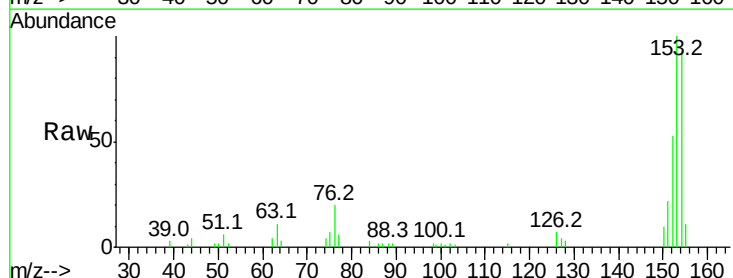
RT: 14.89 min Scan# 1949

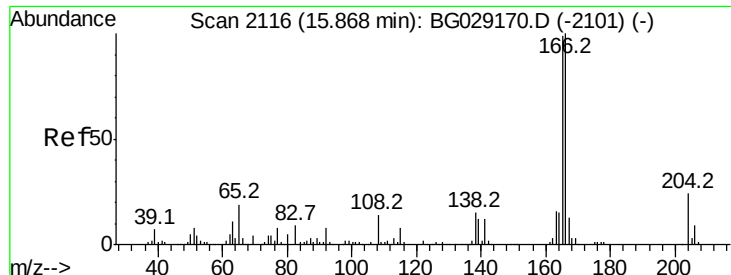
Delta R.T. -0.00 min

Lab File: BG029179.D

Acq: 12 Oct 2017 00:01

Tgt Ion:	153	Resp:	20418
Ion Ratio	Lower	Upper	
153	100		
152	53.2	36.2	54.4
154	92.8	68.4	102.6





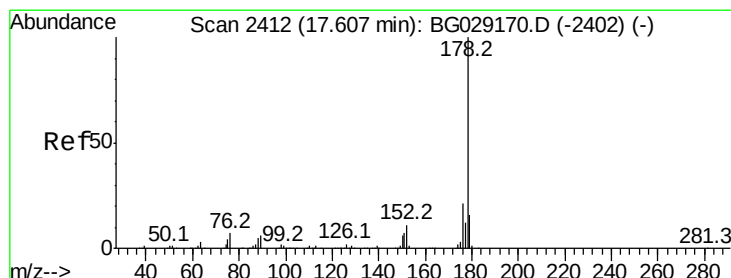
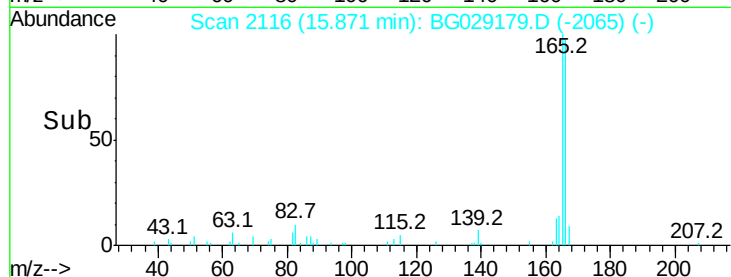
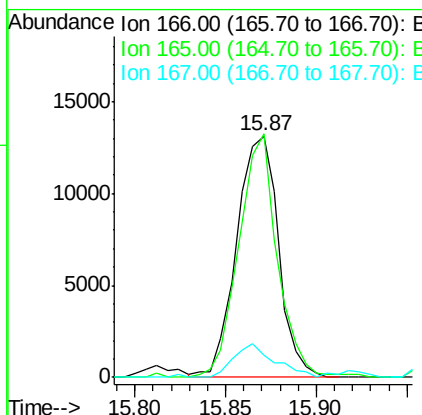
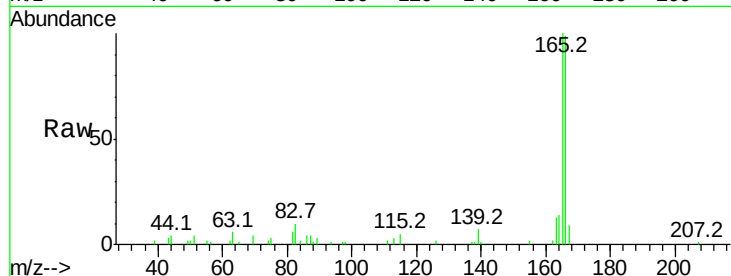
#11
Fluorene
Concen: 1.710 ng/ul
RT: 15.87 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BG029179.D
Acq: 12 Oct 2017 00:01

Instrument :
BNA_G
ClientSampled :
CB3H1

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.4	119.0
167	9.2	10.2	15.4

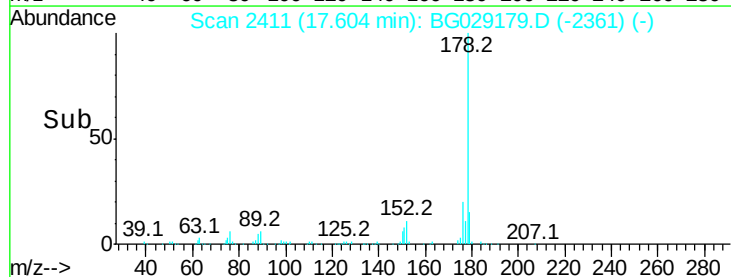
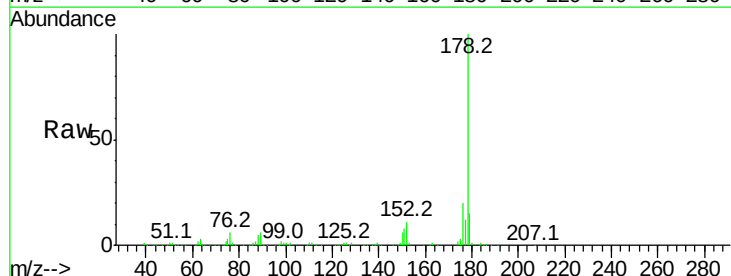
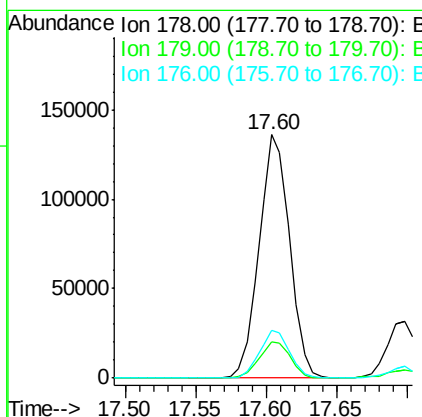
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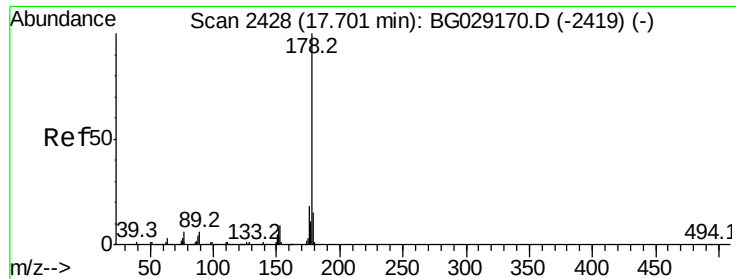
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#14
Phenanthrene
Concen: 10.400 ng/ul
RT: 17.60 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BG029179.D
Acq: 12 Oct 2017 00:01

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.2
176	19.7	15.0	22.6





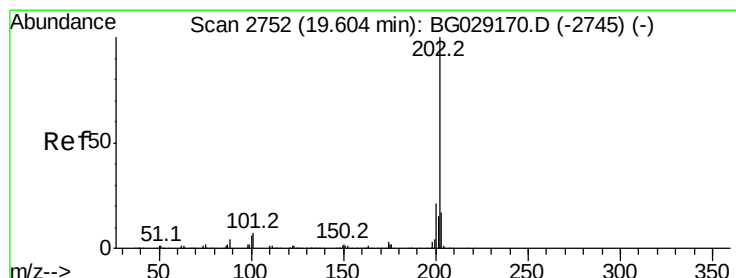
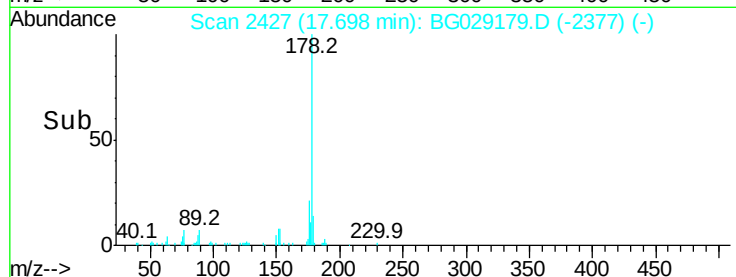
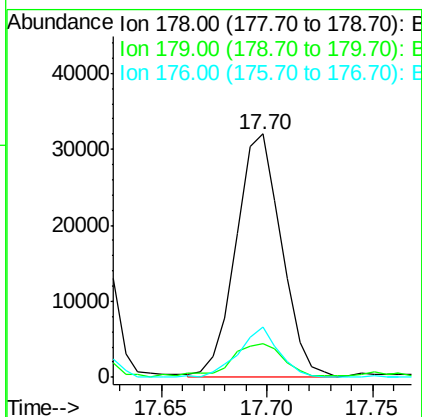
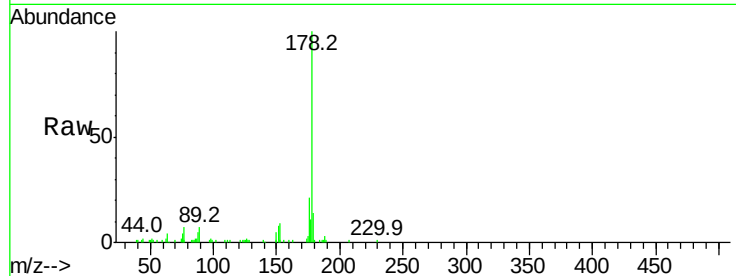
#16
 Anthracene
 Concen: 2.342 ng/ul
 RT: 17.70 min Scan# 2427
 Delta R.T. -0.00 min
 Lab File: BG029179.D
 Acq: 12 Oct 2017 00:01

Instrument :
 BNA_G
 ClientSampled :
 CB3H1

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.0	12.5	18.7
176	20.6	15.7	23.5

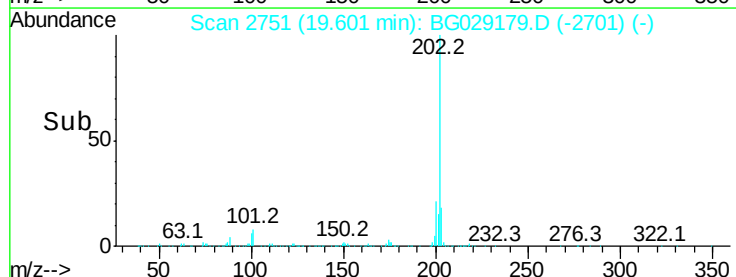
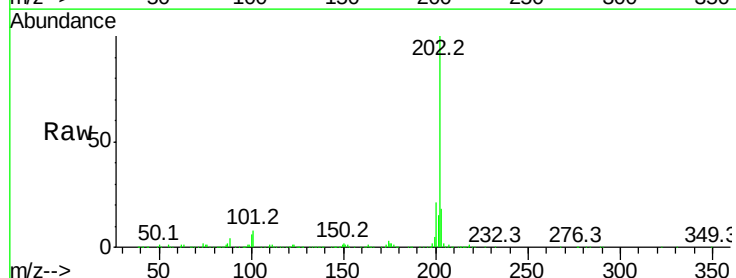
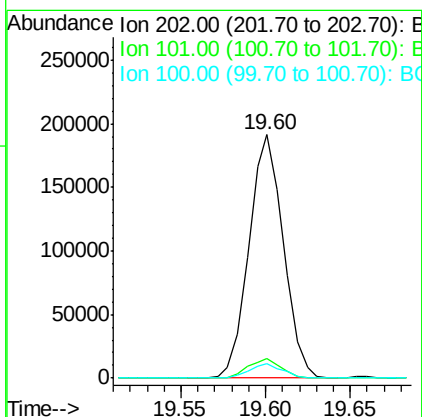
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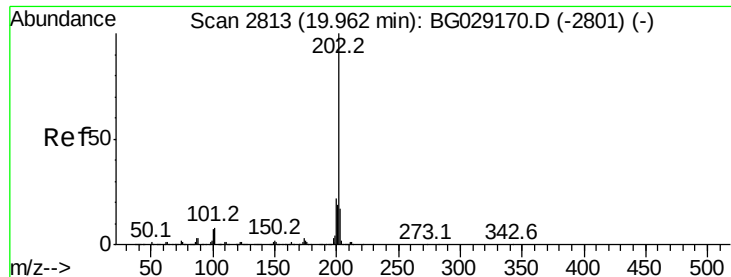
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#17
 Fluoranthene
 Concen: 11.524 ng/ul
 RT: 19.60 min Scan# 2751
 Delta R.T. -0.00 min
 Lab File: BG029179.D
 Acq: 12 Oct 2017 00:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.2	5.6	8.4
100	6.2	4.7	7.1





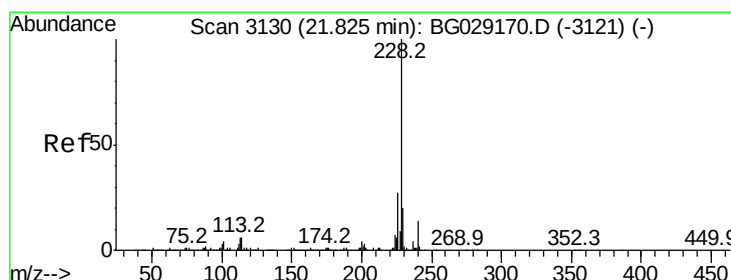
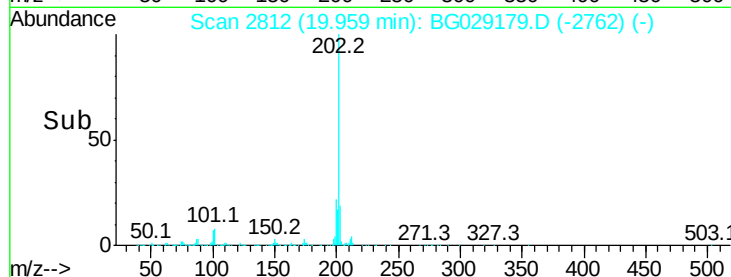
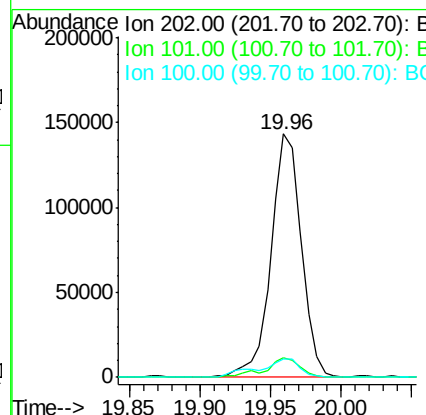
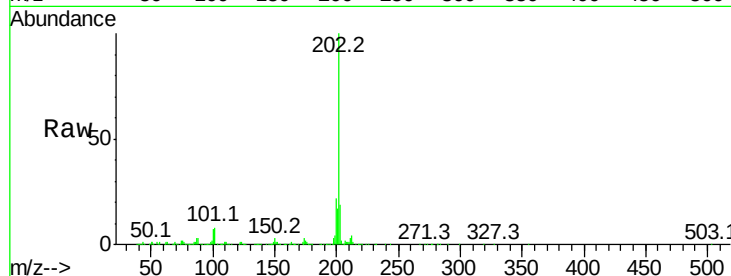
#20
Pvrene
Concen: 9.036 ng/ul
RT: 19.96 min Scan# 2812
Delta R.T. -0.00 min
Lab File: BG029179.D
Acq: 12 Oct 2017 00:01

Instrument :
BNA_G
ClientSampleId :
CB3H1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.0	6.5	9.7
100	7.3	5.5	8.3

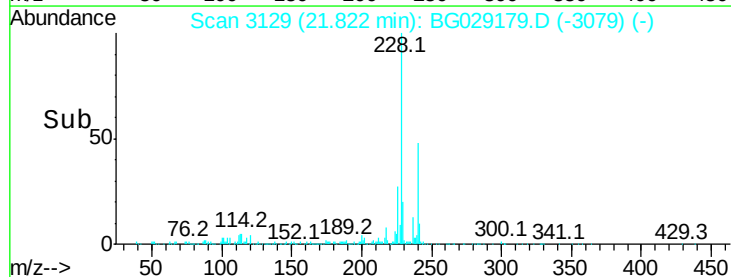
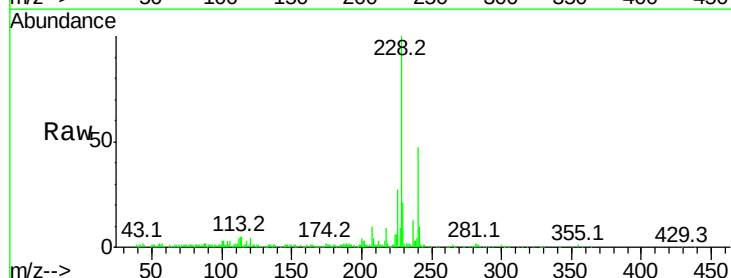
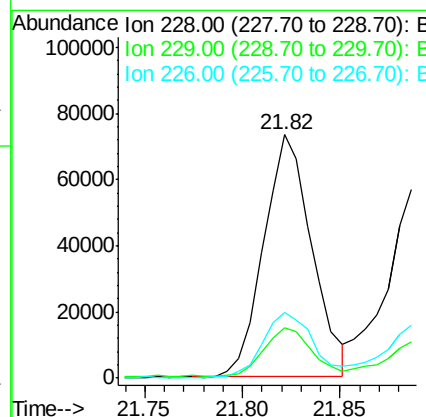
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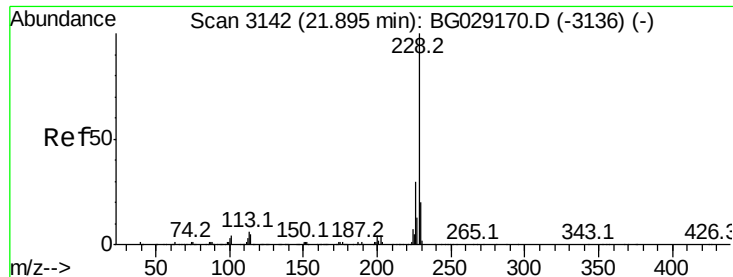
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#21
Benzo(a)anthracene
Concen: 5.214 ng/ul
RT: 21.82 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BG029179.D
Acq: 12 Oct 2017 00:01

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.6	15.8	23.8
226	27.1	21.6	32.4





#22

Chrysene

Concen: 5.568 ng/ul

RT: 21.89 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG029179.D

Acq: 12 Oct 2017 00:01

Instrument :

BNA_G

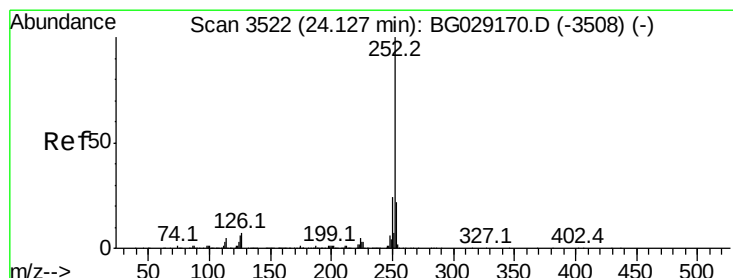
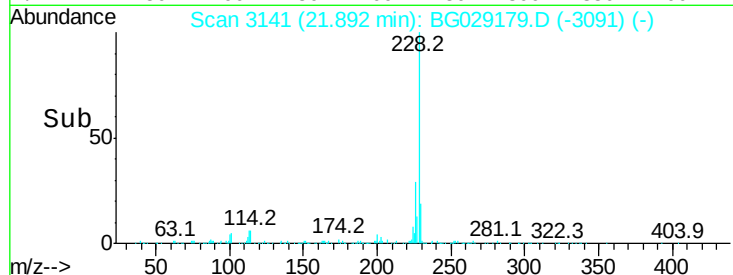
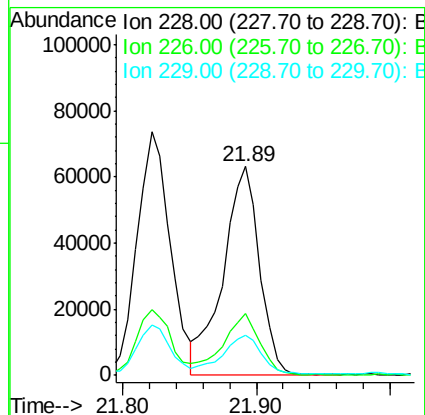
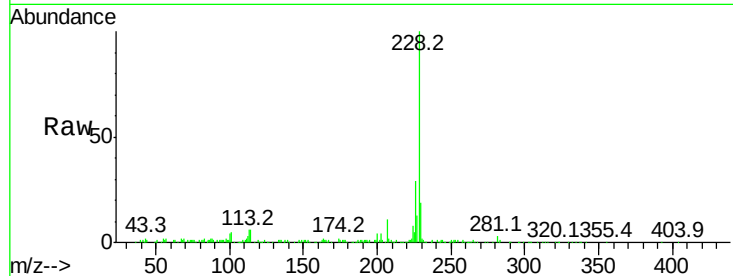
ClientSampleId :

CB3H1

Tot Ion:	228	Resp:	120689
Ion Ratio	Lower	Upper	
228	100		
226	29.4	23.4	35.0
229	19.0	15.7	23.5

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#24

Benzo(b)fluoranthene

Concen: 5.917 ng/ul

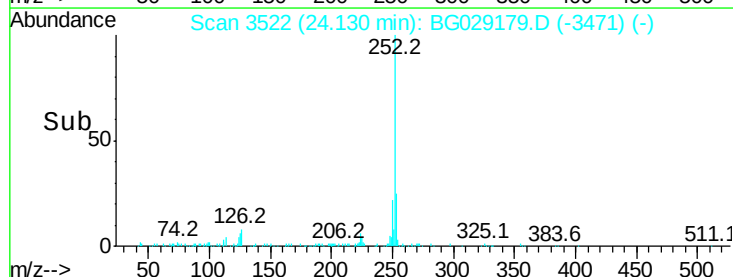
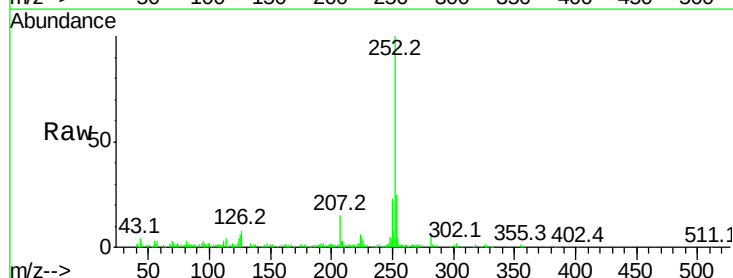
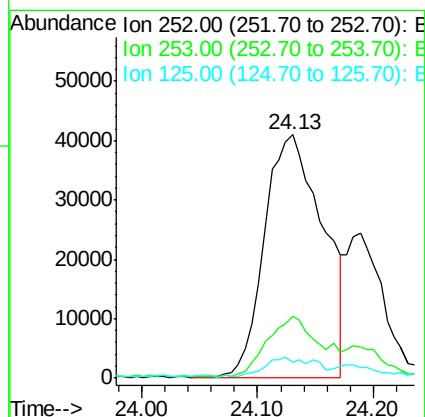
RT: 24.13 min Scan# 3522

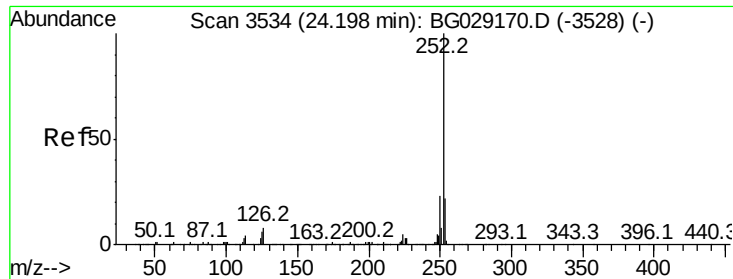
Delta R.T. 0.00 min

Lab File: BG029179.D

Acq: 12 Oct 2017 00:01

Tgt Ion:	252	Resp:	144717
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.6	26.4
125	6.5	4.5	6.7





#25

Benzo(k)fluoranthene

Concen: 2.302 ng/ul

RT: 24.19 min Scan# 3532

Delta R.T. -0.01 min

Lab File: BG029179.D

Acq: 12 Oct 2017 00:01

Instrument :

BNA_G

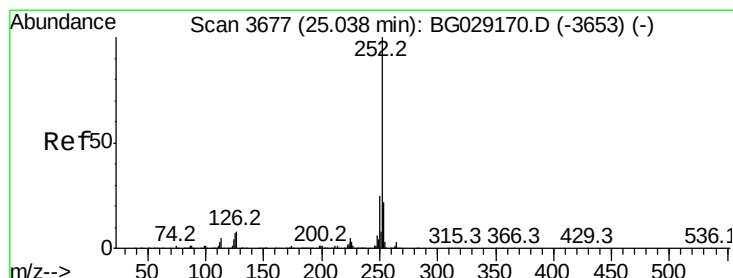
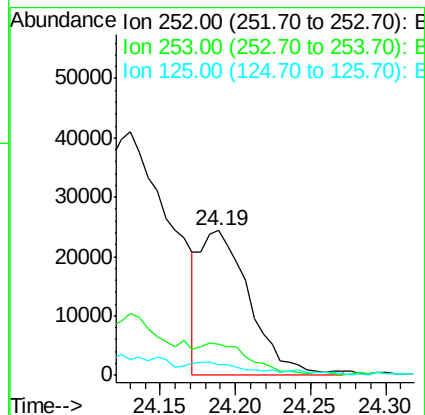
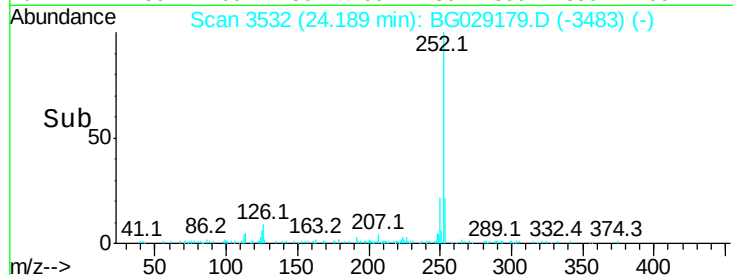
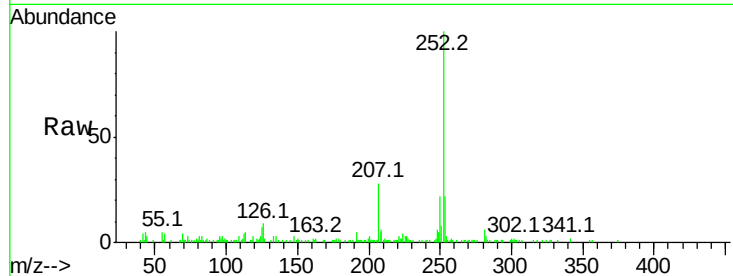
ClientSampled :

CB3H1

Tot Ion:	252	Resp:	55467
Ion Ratio	Lower	Upper	
252	100		
253	21.7	16.8	25.2
125	7.3	5.1	7.7

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#27

Benzo(a)pyrene

Concen: 4.015 ng/ul

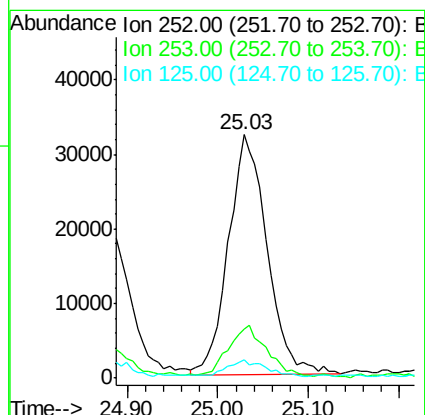
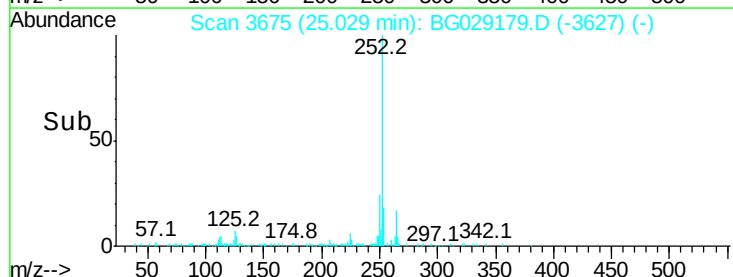
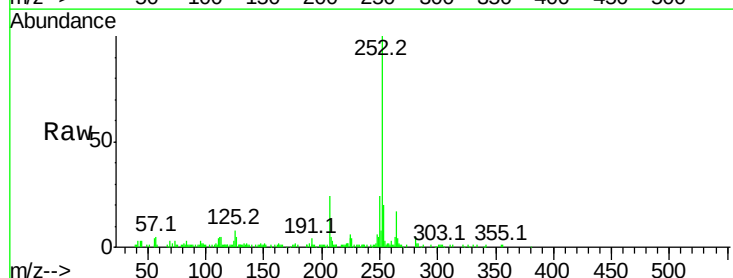
RT: 25.03 min Scan# 3675

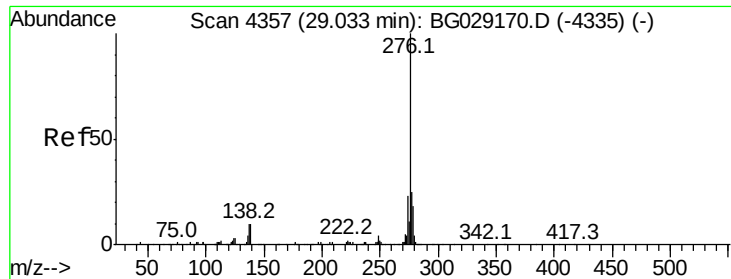
Delta R.T. -0.02 min

Lab File: BG029179.D

Acq: 12 Oct 2017 00:01

Tgt Ion:	252	Resp:	95849
Ion Ratio	Lower	Upper	
252	100		
253	20.3	17.6	26.4
125	7.6	5.4	8.2





#28

Indeno(1,2,3-cd)pyrene

Concen: 1.930 ng/ul

RT: 29.02 min Scan# 4354

Delta R.T. -0.02 min

Lab File: BG029179.D

Acq: 12 Oct 2017 00:01

Instrument :

BNA_G

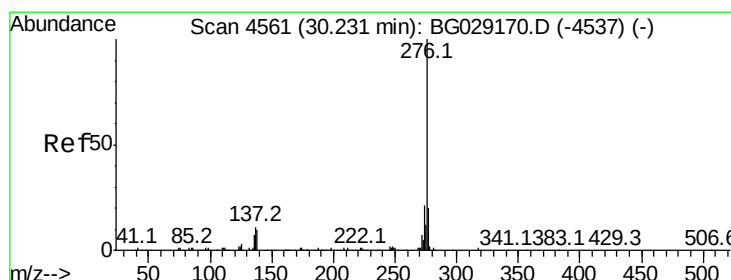
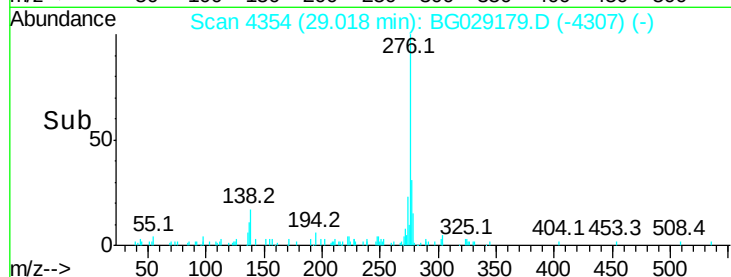
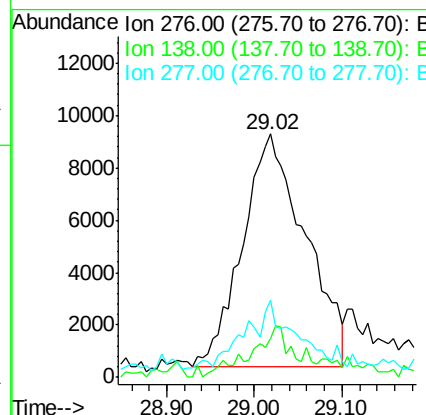
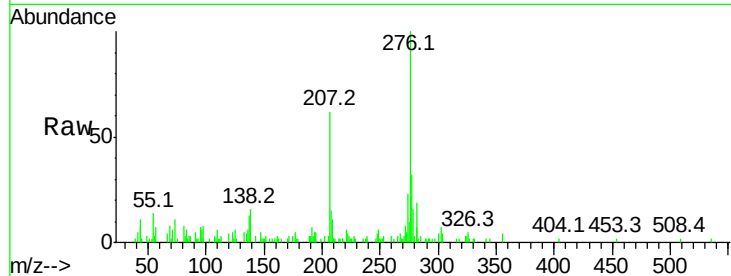
ClientSampleId :

CB3H1

Tot Ion:	276	Resp:	43915
Ion Ratio	Lower	Upper	
276	100		
138	16.0	9.5	14.3#
277	31.5	18.1	27.1#

Manual Integrations
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#30

Benzo(g,h,i)perylene

Concen: 1.914 ng/ul

RT: 30.21 min Scan# 4557

Delta R.T. -0.03 min

Lab File: BG029179.D

Acq: 12 Oct 2017 00:01

Tgt Ion:	276	Resp:	30370
Ion Ratio	Lower	Upper	
276	100		
138	13.8	9.3	13.9
277	24.0	17.9	26.9

