

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\
 Data File : BG029173.D
 Acq On : 11 Oct 2017 19:59
 Operator : SJ/JU
 Sample : I5668-22
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB3H8

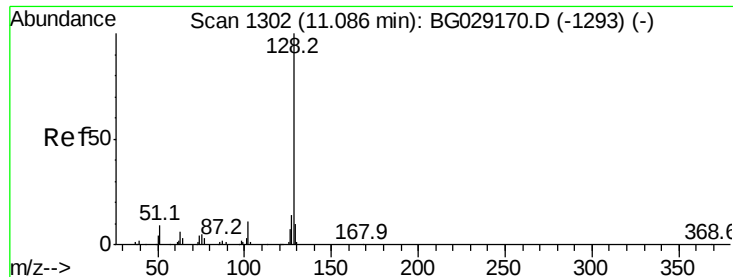
Manual Integrations
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Quant Time: Oct 12 09:10:59 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101117.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 11 04:24:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	46269	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	209137	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	142212	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	323229	20.00	ng/ul	0.00
18) Chrysene-d12	21.84	240	356190	20.00	ng/ul	0.00
23) Perylene-d12	25.20	264	359437	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.65	165	66776	16.70	ng/ul	0.00
7) Acenaphthylene-d8	14.52	160	255036	17.89	ng/ul	0.00
10) Fluorene-d10	15.82	176	187666	16.78	ng/ul	0.00
15) Anthracene-d10	17.66	188	280327	17.55	ng/ul	0.00
19) Pyrene-d10	19.93	212	328051	17.53	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.96	264	309075	17.19	ng/ul	0.00
Target Compounds				Qvalue		
4) Naphthalene	11.09	128	21665	1.971	ng/ul	97
5) 2-Methylnaphthalene	12.67	142	11335	1.348	ng/ul	92
14) Phenanthrene	17.61	178	177009	10.110	ng/ul	97
16) Anthracene	17.70	178	39748	2.215	ng/ul	97
17) Fluoranthene	19.60	202	286379	13.900	ng/ul	100
20) Pyrene	19.96	202	237660	11.005	ng/ul	99
21) Benzo(a)anthracene	21.82	228	145515	6.705	ng/ul	97
22) Chrysene	21.89	228	131728	6.725	ng/ul	98
24) Benzo(b)fluoranthene	24.13	252	160930	7.266	ng/ul#	96
25) Benzo(k)fluoranthene	24.19	252	65077m	2.983	ng/ul	
27) Benzo(a)pyrene	25.04	252	101325	4.688	ng/ul	100
28) Indeno(1,2,3-cd)pyrene	29.03	276	47072	2.285	ng/ul	93
30) Benzo(a,h,i)perylene	30.22	276	40349	2.809	ng/ul#	92

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



#4

Naphthalene

Concen: 1.971 ng/ul

RT: 11.09 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BG029173.D

Acq: 11 Oct 2017 19:59

Instrument :

BNA_G

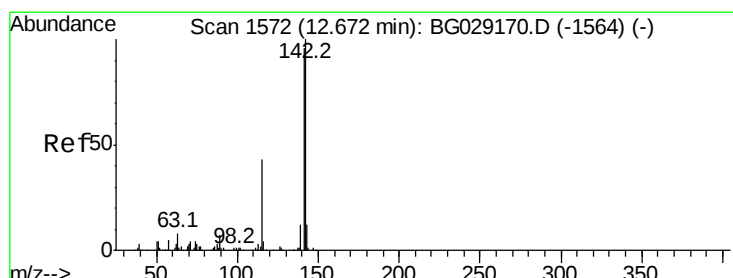
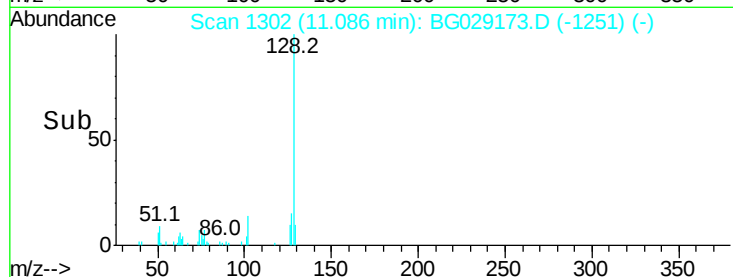
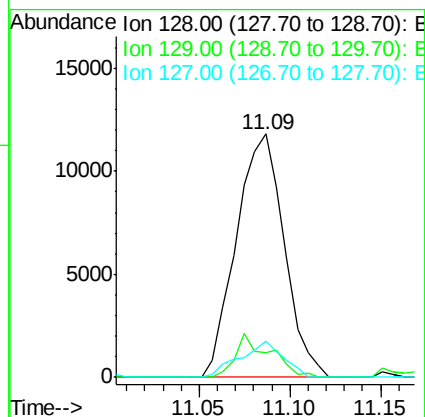
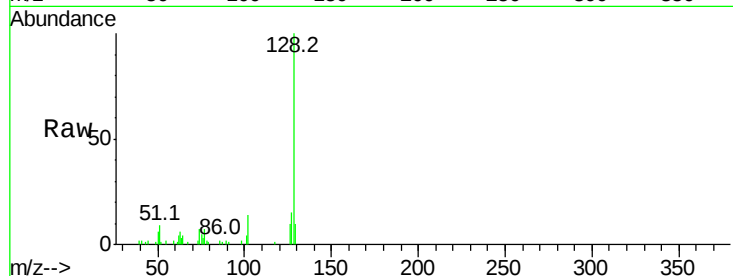
ClientSampleId :

CB3H8

Tot Ion:	128	Resp:	21665
Ion Ratio	Lower	Upper	
128	100		
129	10.4	9.0	13.4
127	15.0	10.6	15.8

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#5

2-Methylnaphthalene

Concen: 1.348 ng/ul

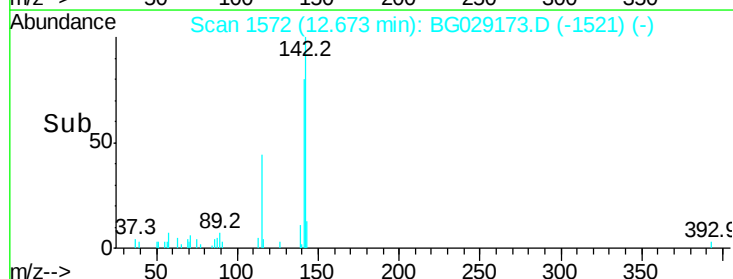
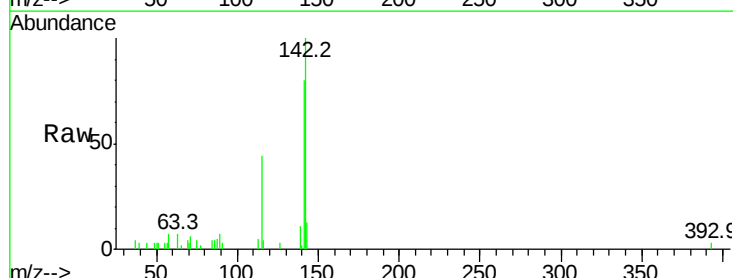
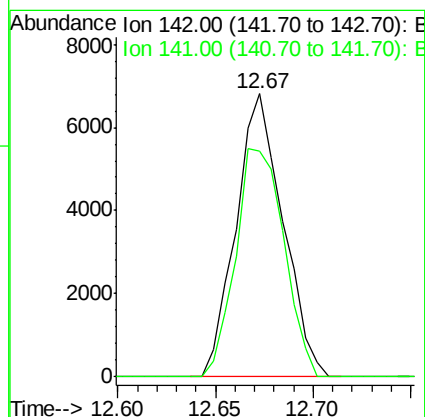
RT: 12.67 min Scan# 1572

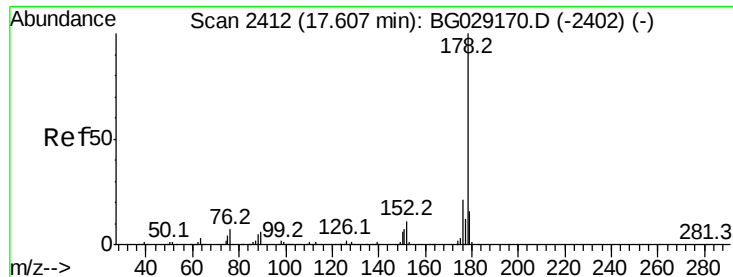
Delta R.T. -0.00 min

Lab File: BG029173.D

Acq: 11 Oct 2017 19:59

Tgt Ion:	142	Resp:	11335
Ion Ratio	Lower	Upper	
142	100		
141	79.8	69.8	104.8





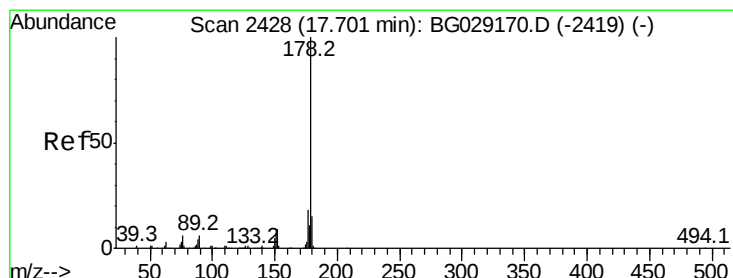
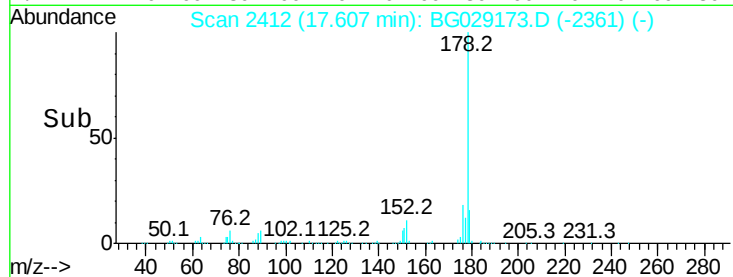
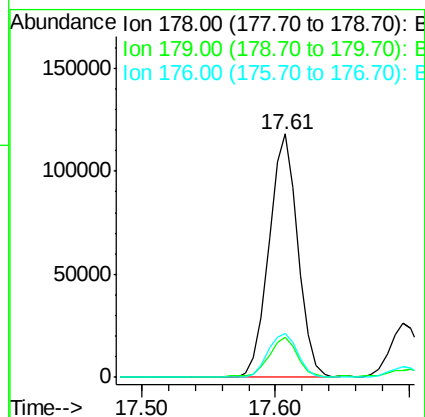
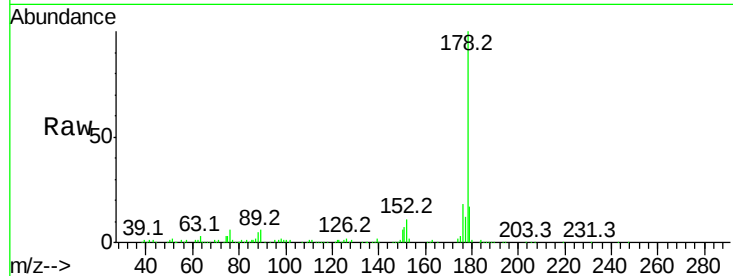
#14
Phenanthrene
Concen: 10.110 ng/ul
RT: 17.61 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BG029173.D
Acq: 11 Oct 2017 19:59

Instrument :
BNA_G
ClientSampleId :
CB3H8

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.2	18.2
176	18.0	15.0	22.6

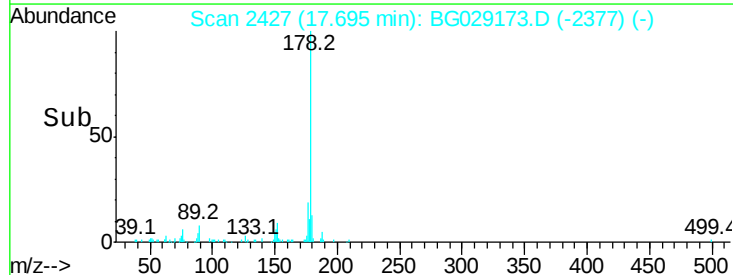
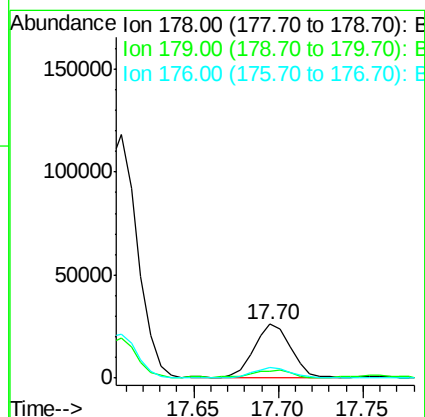
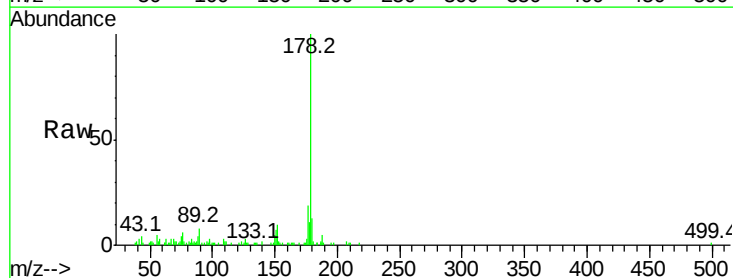
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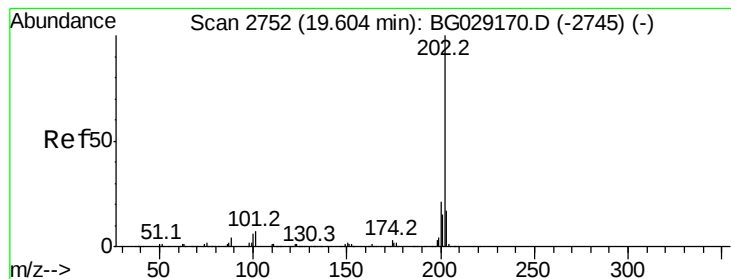
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#16
Anthracene
Concen: 2.215 ng/ul
RT: 17.70 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BG029173.D
Acq: 11 Oct 2017 19:59

Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.4	12.5	18.7
176	19.0	15.7	23.5





#17

Fluoranthene

Concen: 13.900 ng/ul

RT: 19.60 min Scan# 2752

Delta R.T. -0.00 min

Lab File: BG029173.D

Acq: 11 Oct 2017 19:59

Instrument :

BNA_G

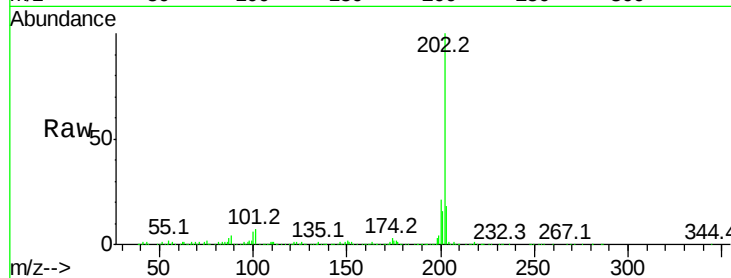
ClientSampled :

CB3H8

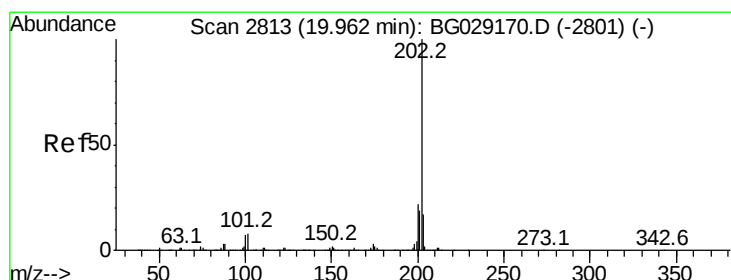
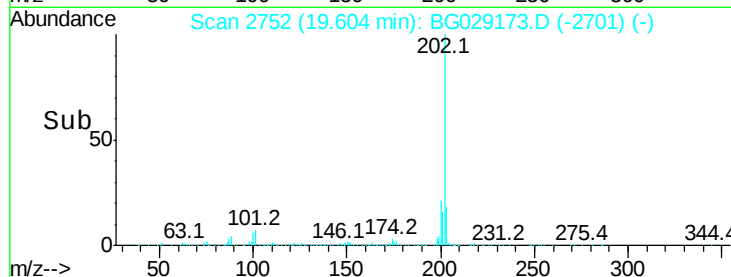
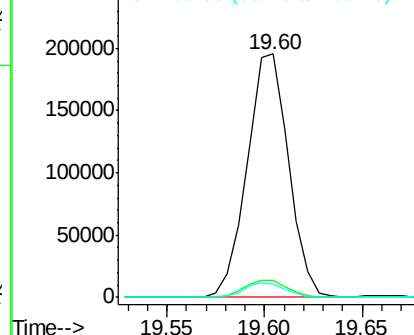
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.0	5.6	8.4
100	5.7	4.7	7.1

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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): B



#20

Pyrene

Concen: 11.005 ng/ul

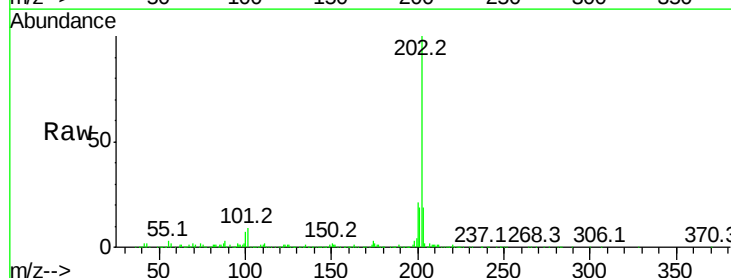
RT: 19.96 min Scan# 2813

Delta R.T. -0.00 min

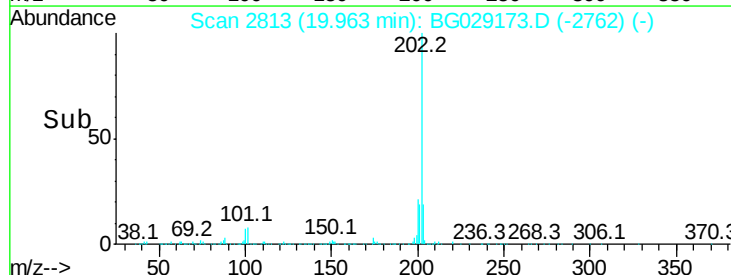
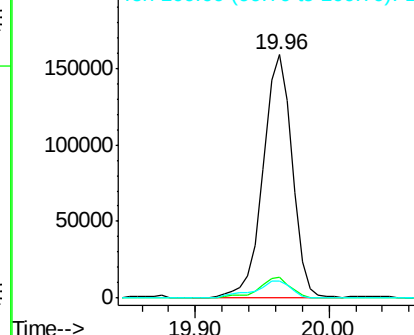
Lab File: BG029173.D

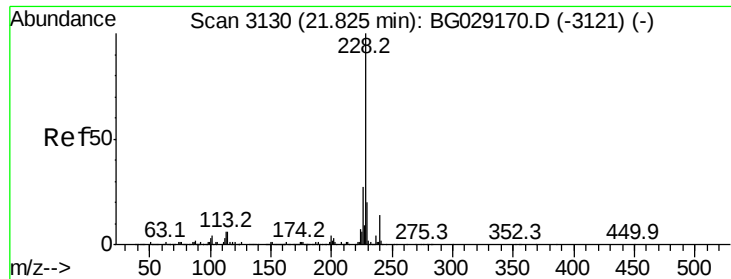
Acq: 11 Oct 2017 19:59

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.5	6.5	9.7
100	7.2	5.5	8.3



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





#21

Benzo(a)anthracene

Concen: 6.705 ng/ul

RT: 21.82 min Scan# 3130

Delta R.T. -0.00 min

Lab File: BG029173.D

Acq: 11 Oct 2017 19:59

Instrument :

BNA_G

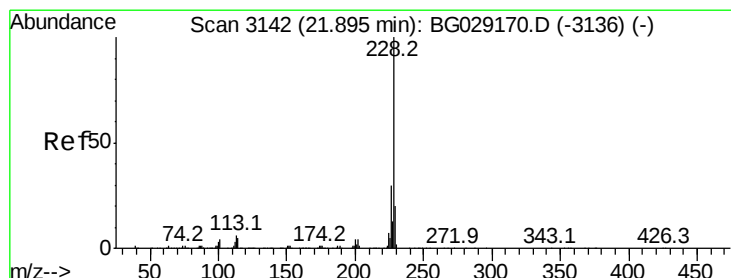
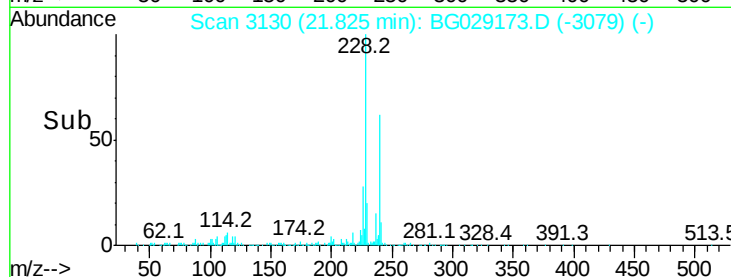
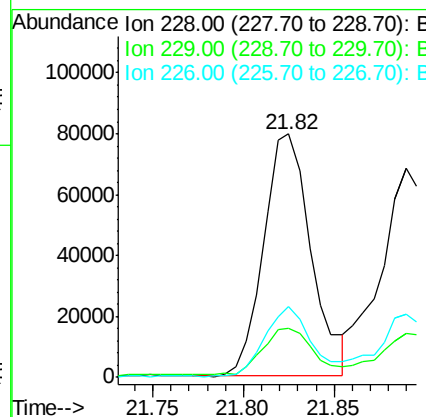
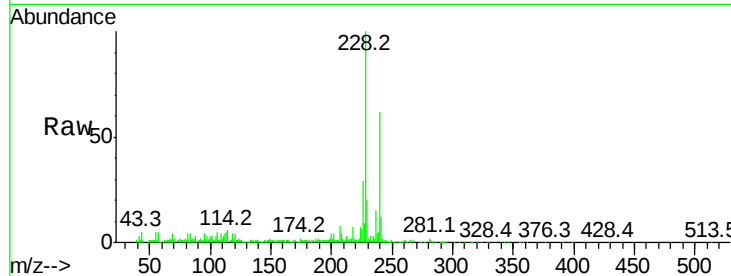
ClientSampled :

CB3H8

Tot Ion:	228	Resp:	145515
Ion Ratio	Lower	Upper	
228	100		
229	20.4	15.8	23.8
226	28.9	21.6	32.4

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#22

Chrysene

Concen: 6.725 ng/ul

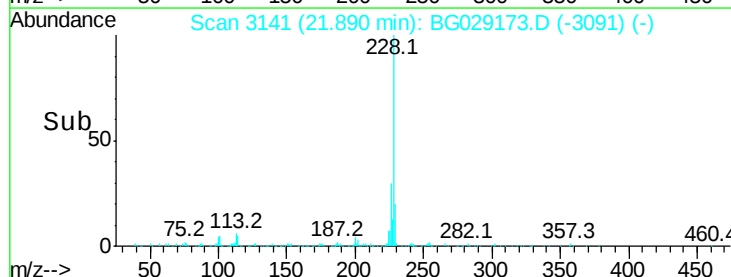
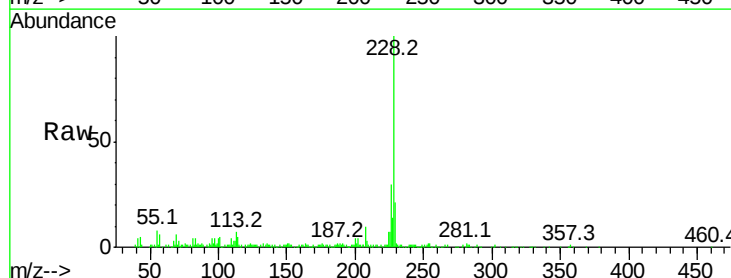
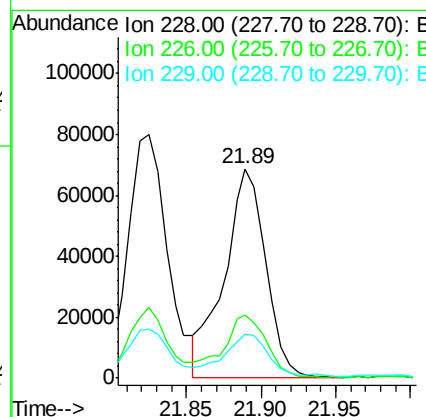
RT: 21.89 min Scan# 3141

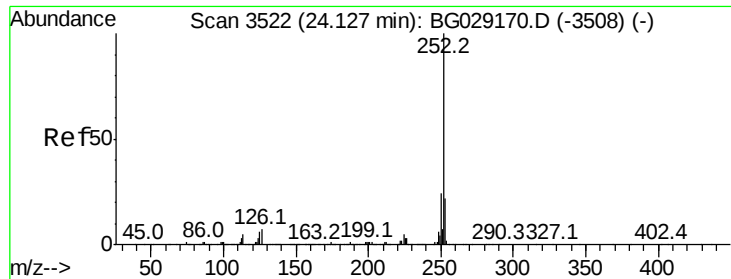
Delta R.T. -0.01 min

Lab File: BG029173.D

Acq: 11 Oct 2017 19:59

Tgt Ion:	228	Resp:	131728
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.4	35.0
229	20.7	15.7	23.5





#24

Benzo(b)fluoranthene

Concen: 7.266 ng/ul

RT: 24.13 min Scan# 3522

Delta R.T. -0.00 min

Lab File: BG029173.D

Acq: 11 Oct 2017 19:59

Instrument :

BNA_G

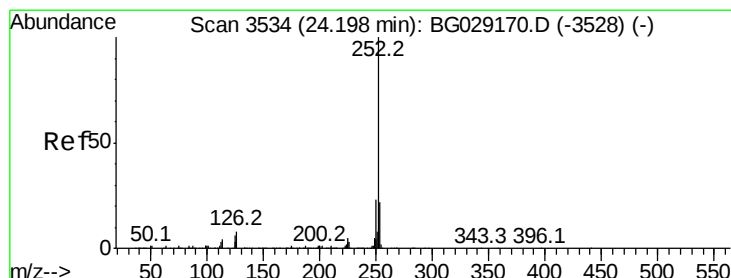
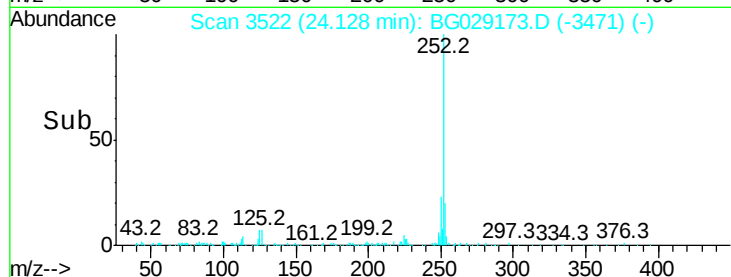
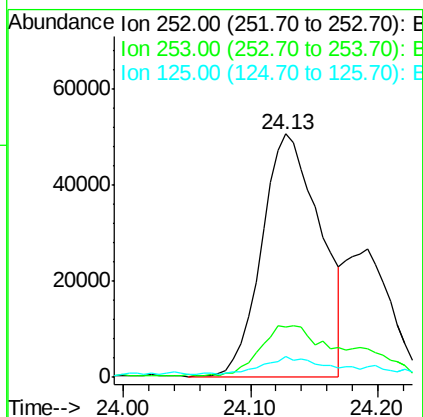
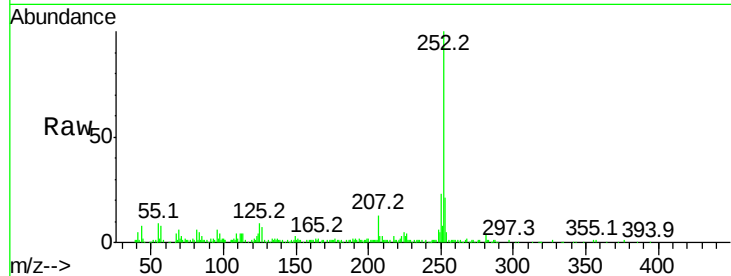
ClientSampleId :

CB3H8

Tot Ion:252	Resp:	160930
Ion Ratio	Lower	Upper
252 100		
253 20.8	17.6	26.4
125 8.7	4.5	6.7#

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#25

Benzo(k)fluoranthene

Concen: 2.983 ng/ul m

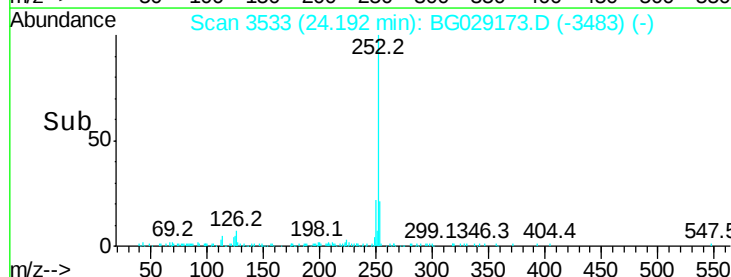
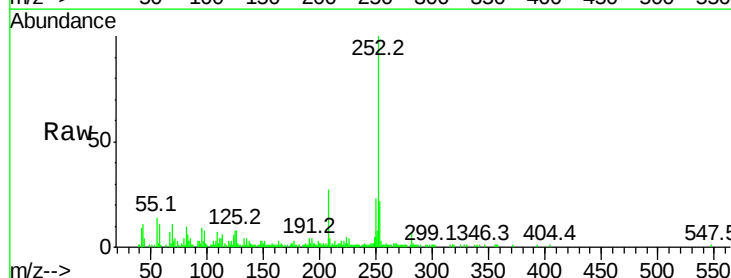
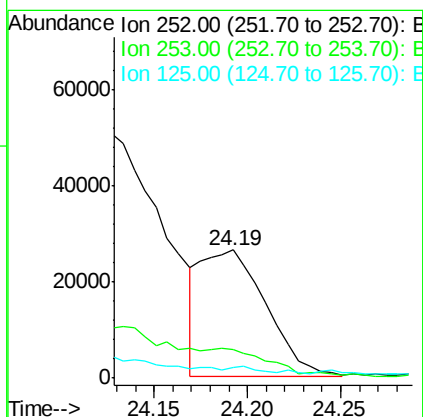
RT: 24.19 min Scan# 3533

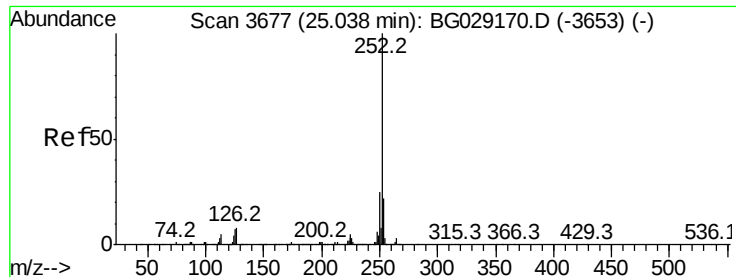
Delta R.T. -0.01 min

Lab File: BG029173.D

Acq: 11 Oct 2017 19:59

Tgt Ion:252	Resp:	65077
Ion Ratio	Lower	Upper
252 100		
253 22.1	16.8	25.2
125 8.1	5.1	7.7#





#27

Benzo(a)pyrene

Concen: 4.688 ng/ul

RT: 25.04 min Scan# 3677

Delta R.T. -0.01 min

Lab File: BG029173.D

Acq: 11 Oct 2017 19:59

Instrument :

BNA_G

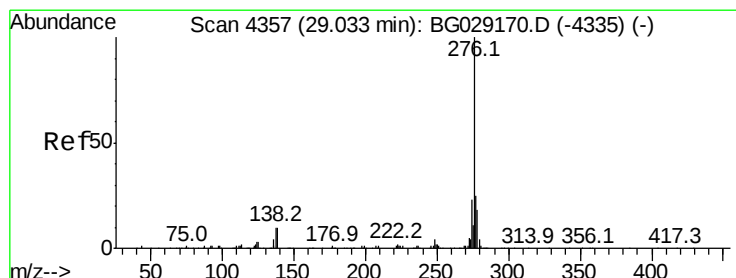
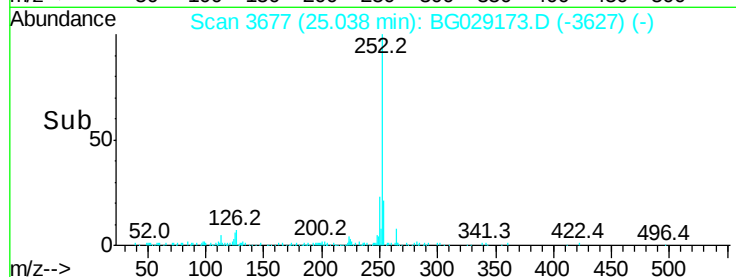
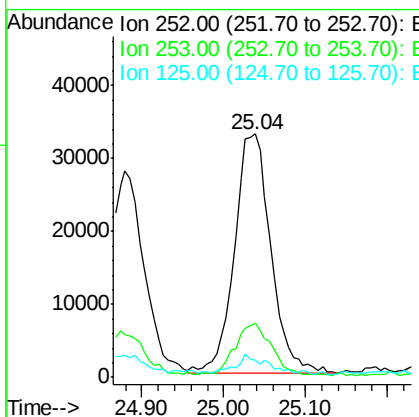
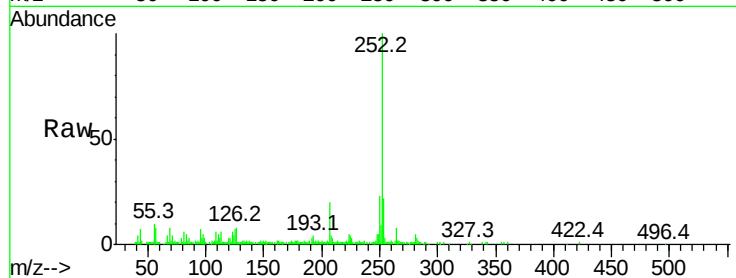
ClientSampled :

CB3H8

Tot Ion:	252	Resp:	101325
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.6	26.4
125	6.9	5.4	8.2

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#28

Indeno(1,2,3-cd)pyrene

Concen: 2.285 ng/ul

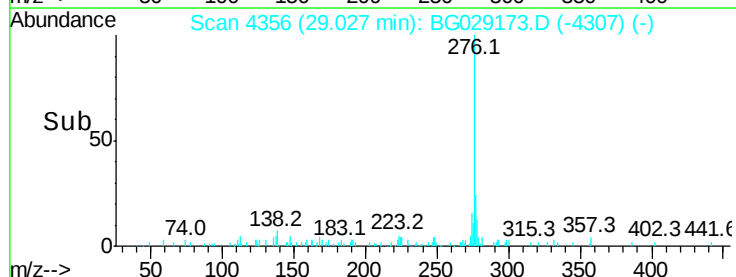
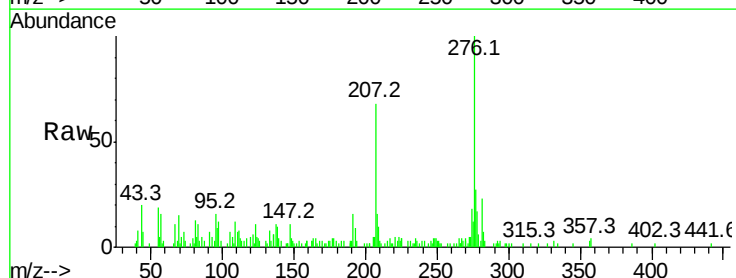
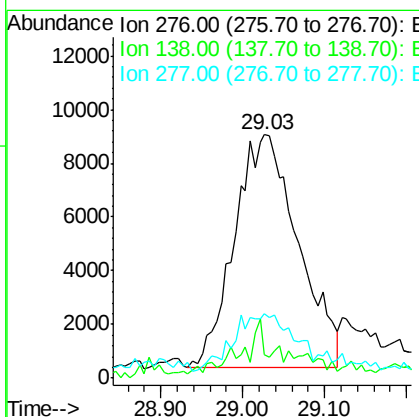
RT: 29.03 min Scan# 4356

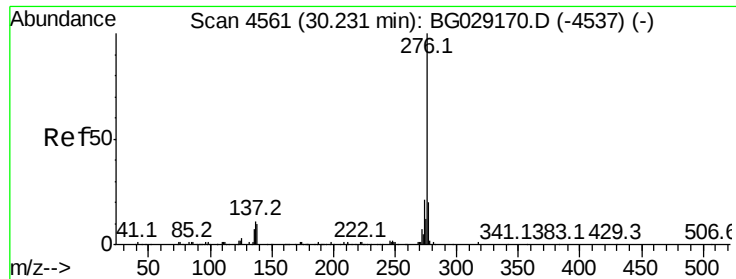
Delta R.T. -0.01 min

Lab File: BG029173.D

Acq: 11 Oct 2017 19:59

Tgt Ion:	276	Resp:	47072
Ion Ratio	Lower	Upper	
276	100		
138	9.8	9.5	14.3
277	26.5	18.1	27.1





#30

Benzo(a,h,i)perylene

Concen: 2.809 ng/ul

RT: 30.22 min Scan# 4559

Delta R.T. -0.02 min

Lab File: BG029173.D

Acq: 11 Oct 2017 19:59

Instrument :

BNA_G

ClientSampled :

CB3H8

Tot Ion:	276	Resp:	40349
Ion Ratio	Lower	Upper	
276	100		
138	17.8	9.3	13.9#
277	24.1	17.9	26.9

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