

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052617\
 Data File : BG027139.D
 Acq On : 24 May 2017 22:08
 Operator : SJ/MA
 Sample : I3277-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DACA2

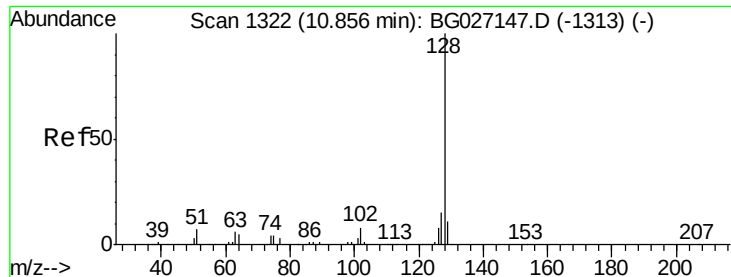
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 5/26/2017 11:55:05 AM

Quant Time: Jun 01 12:54:58 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 25 04:52:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	180974	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	877051	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	446939	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	799137	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	713385	20.00	ng/ul	0.00
22) Perylene-d12	24.78	264	642341	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	873756	19.06	ng/ul	0.00
10) Fluorene-d10	15.61	176	559622	18.30	ng/ul	0.00
14) Anthracene-d10	17.45	188	751025m	19.28	ng/ul	0.00
18) Pyrene-d10	19.74	212	752828	20.21	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	652191	20.43	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.85	128	89096	1.96	ng/ul	Qvalue 98
9) Acenaphthene	14.68	153	50473	1.60	ng/ul	97
11) Fluorene	15.66	166	59419	1.77	ng/ul	94
13) Phenanthrene	17.40	178	811865	18.17	ng/ul	99
15) Anthracene	17.49	178	154389	3.36	ng/ul	98
16) Fluoranthene	19.40	202	1154805	25.28	ng/ul#	91
19) Pyrene	19.77	202	947409	20.32	ng/ul#	88
20) Benzo(a)anthracene	21.59	228	471841	10.98	ng/ul	95
21) Chrysene	21.65	228	458096	11.61	ng/ul	97
23) Benzo(b)fluoranthene	23.77	252	612036	16.03	ng/ul#	95
24) Benzo(k)fluoranthene	23.83	252	253741m	6.46	ng/ul	
26) Benzo(a)pyrene	24.63	252	386784	10.36	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	28.40	276	199638	5.81	ng/ul#	77
28) Dibenzo(a,h)anthracene	28.42	278	52622m	1.78	ng/ul	
29) Benzo(g,h,i)perylene	29.52	276	166689m	6.10	ng/ul	

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



#3

Naphthalene

Concen: 1.96 ng/ul

RT: 10.85 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BG027139.D

Acq: 24 May 2017 22:08

Instrument :

BNA_G

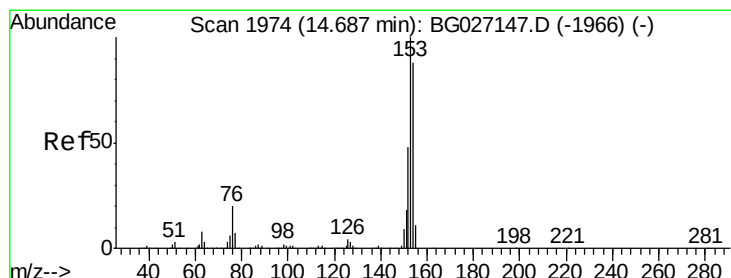
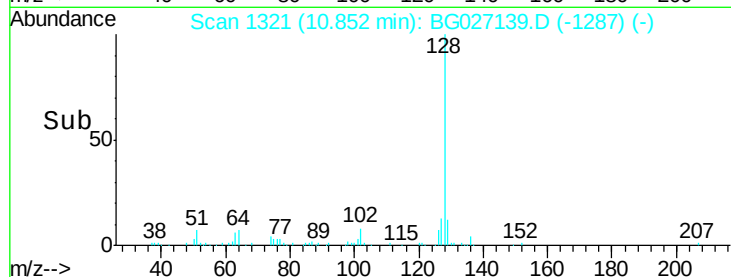
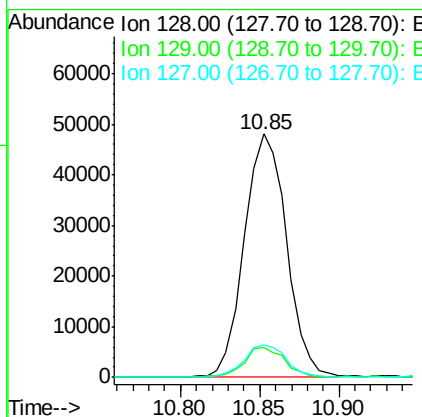
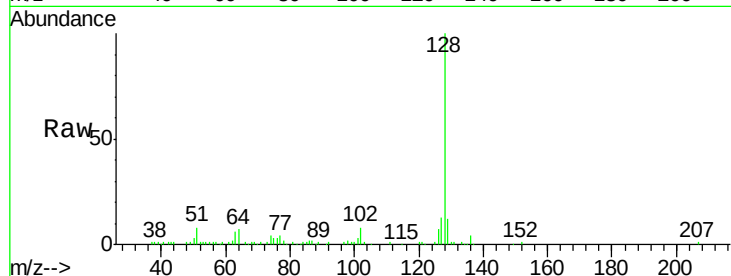
ClientSampleId :

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Tgt Ion:	128	Resp:	89096
Ion Ratio		Lower	Upper
128	100		
129	12.4	8.7	13.1
127	13.2	10.6	16.0

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#9

Acenaphthene

Concen: 1.60 ng/ul

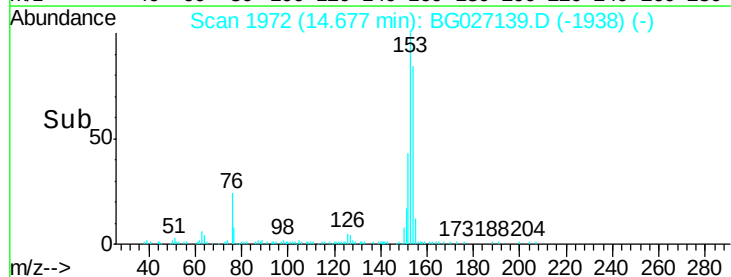
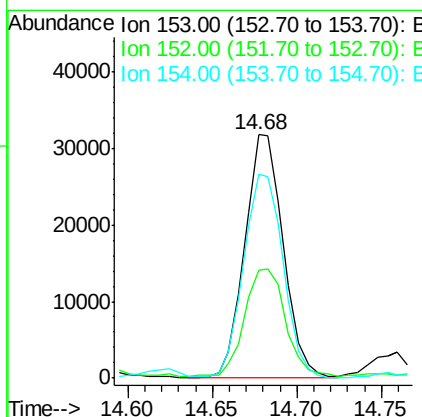
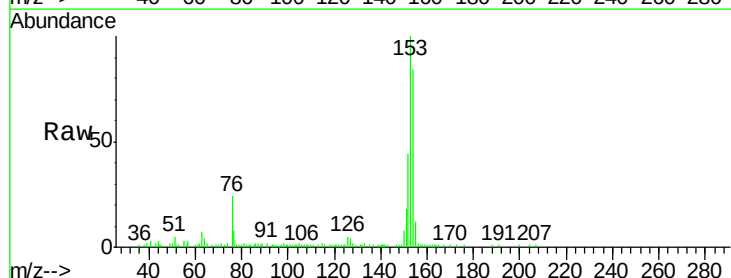
RT: 14.68 min Scan# 1972

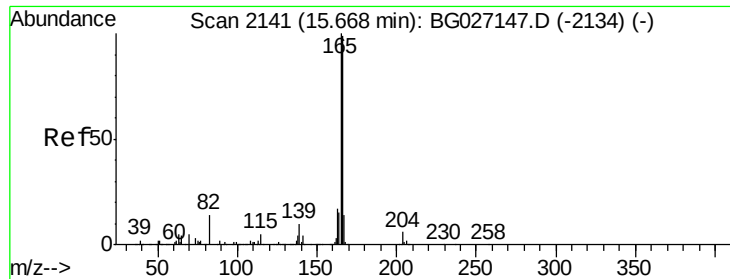
Delta R.T. -0.00 min

Lab File: BG027139.D

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Tgt Ion:	153	Resp:	50473
Ion Ratio		Lower	Upper
153	100		
152	44.1	39.0	58.6
154	83.6	66.8	100.2





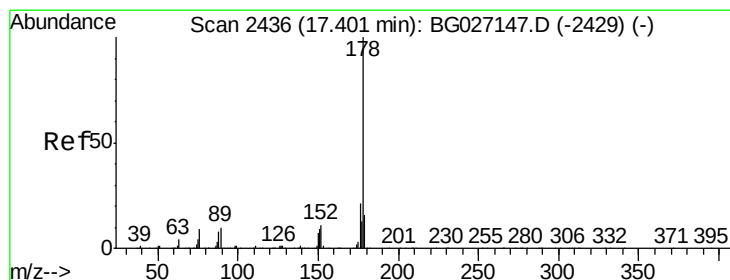
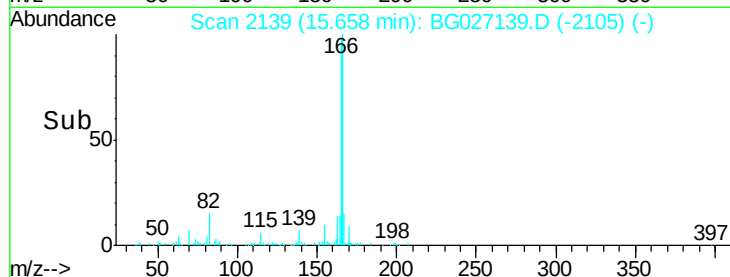
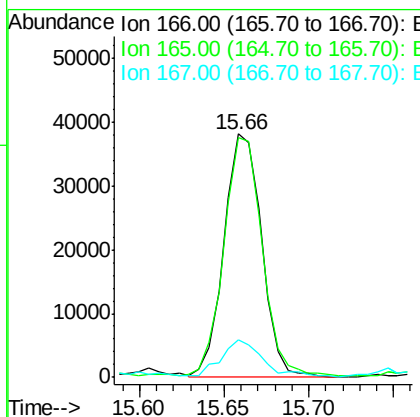
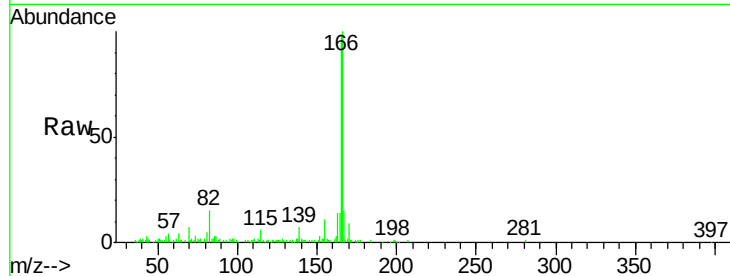
#11
 Fluorene
 Concen: 1.77 ng/ul
 RT: 15.66 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BG027139.D
 Acq: 24 May 2017 22:08

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	59419		
165	98.4		83.8	125.8
167	15.5		11.5	17.3

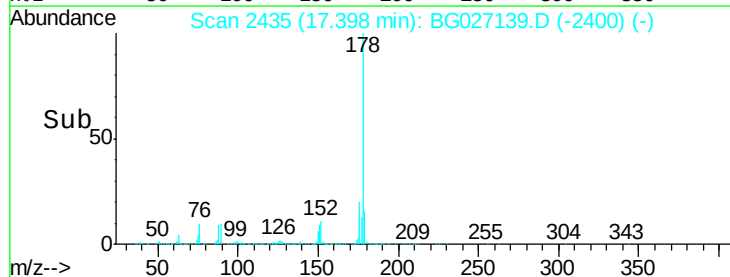
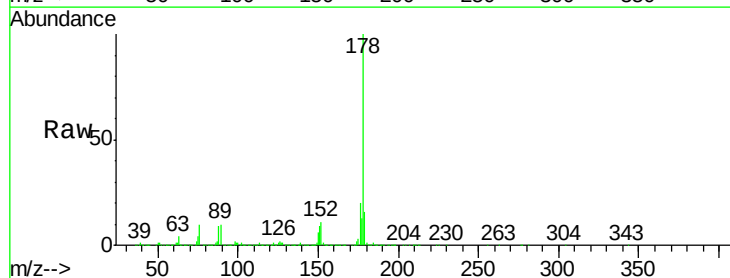
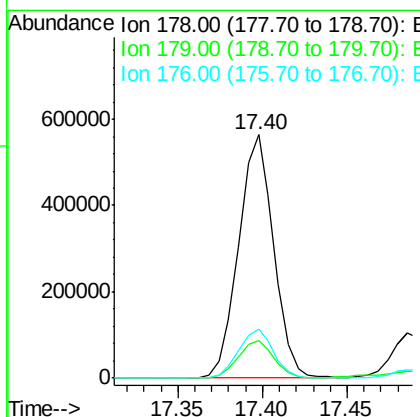
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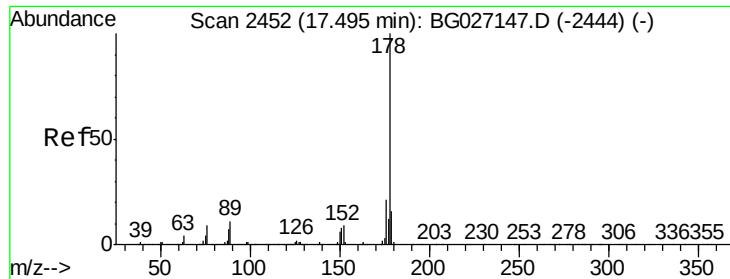
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#13
 Phenanthrene
 Concen: 18.17 ng/ul
 RT: 17.40 min Scan# 2435
 Delta R.T. 0.00 min
 Lab File: BG027139.D
 Acq: 24 May 2017 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	811865		
179	15.6		12.3	18.5
176	19.9		15.1	22.7





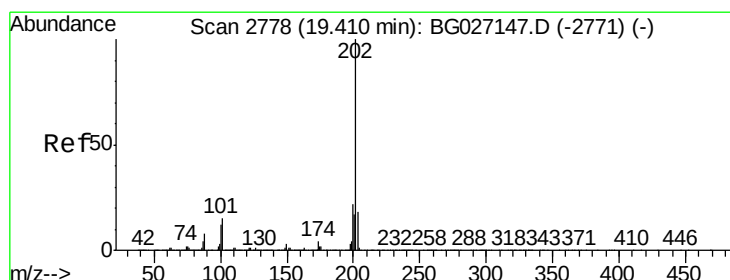
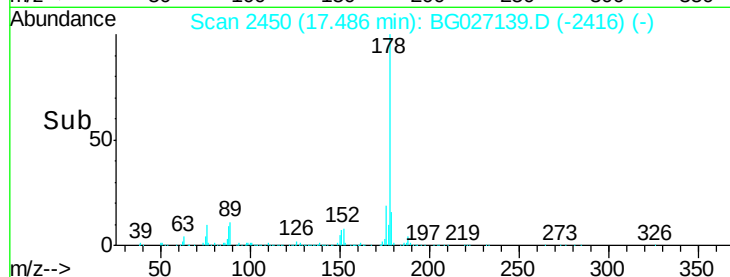
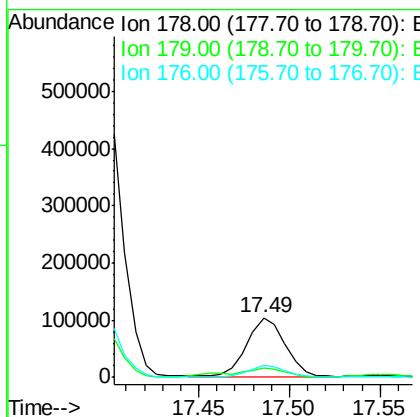
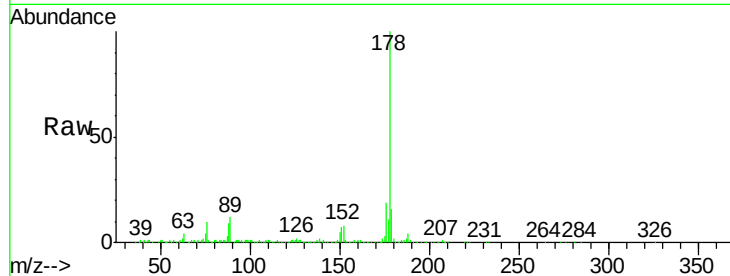
#15
 Anthracene
 Concen: 3.36 ng/ul
 RT: 17.49 min Scan# 2450
 Delta R.T. -0.00 min
 Lab File: BG027139.D
 Acq: 24 May 2017 22:08

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	11.8	17.8
176	19.2	15.2	22.8

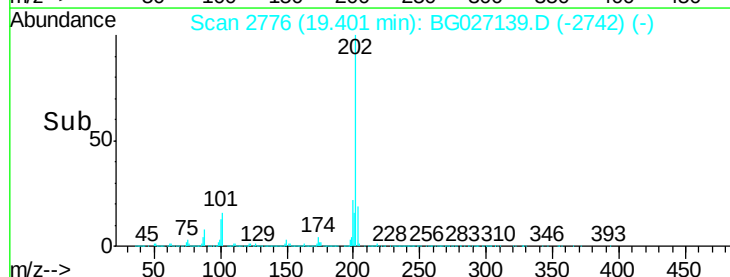
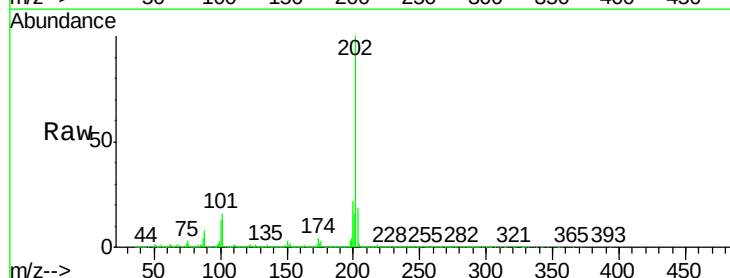
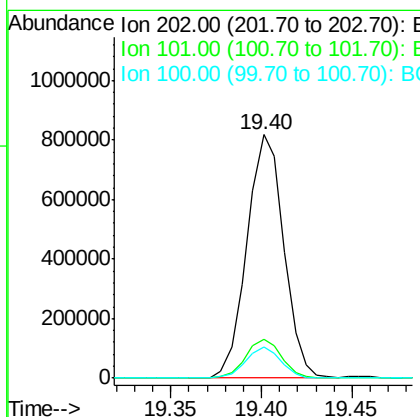
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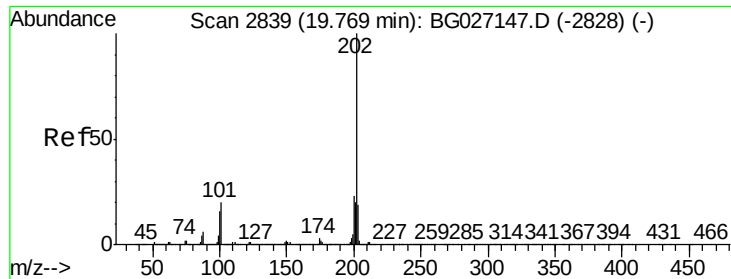
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#16
 Fluoranthene
 Concen: 25.28 ng/ul
 RT: 19.40 min Scan# 2776
 Delta R.T. -0.00 min
 Lab File: BG027139.D
 Acq: 24 May 2017 22:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.9	9.9	14.9#
100	12.9	7.4	11.0#





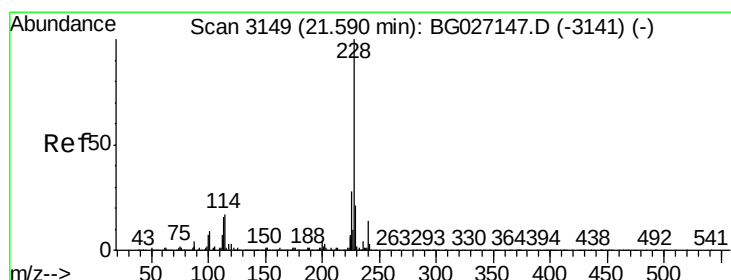
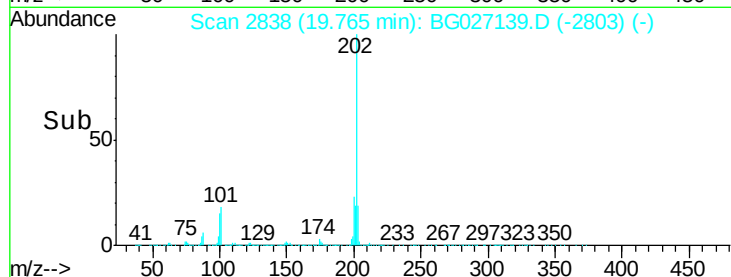
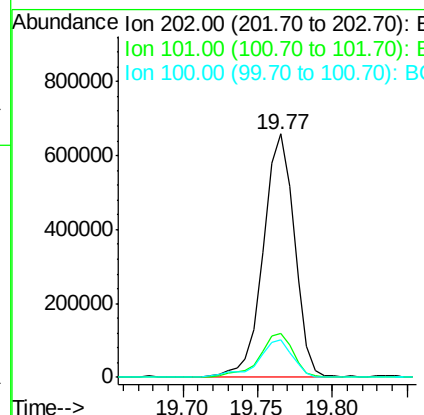
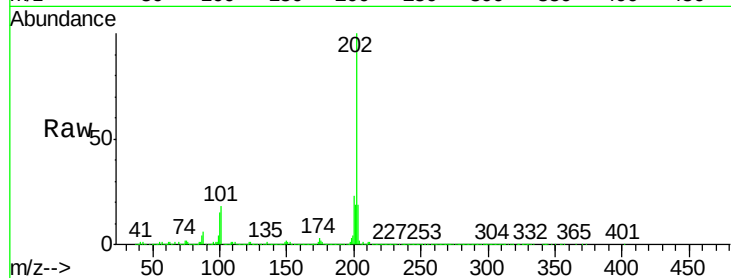
#19
 Pyrene
 Concen: 20.32 ng/ul
 RT: 19.77 min Scan# 2838
 Delta R.T. 0.00 min
 Lab File: BG027139.D
 Acq: 24 May 2017 22:08

Instrument :
 BNA_G
 ClientSampleId :
 DACA2

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	18.3	11.0	16.4#
100	15.3	8.1	12.1#

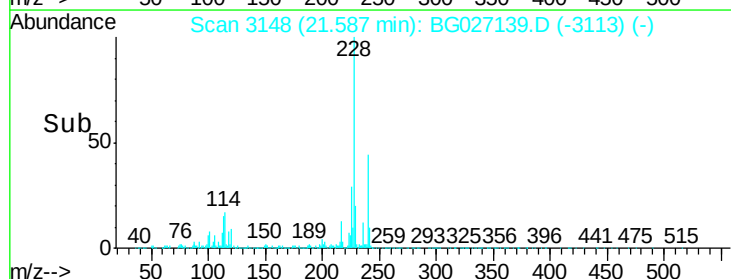
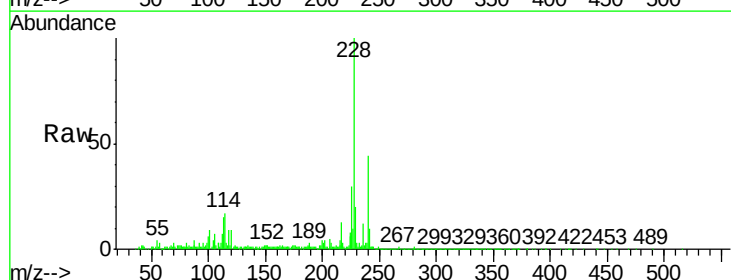
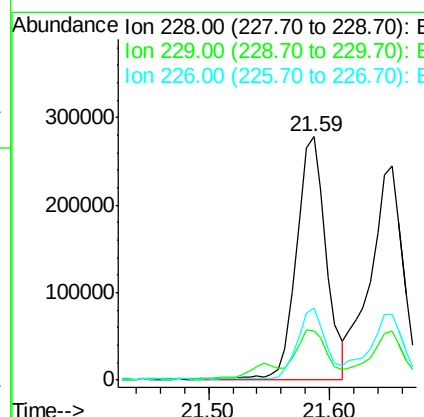
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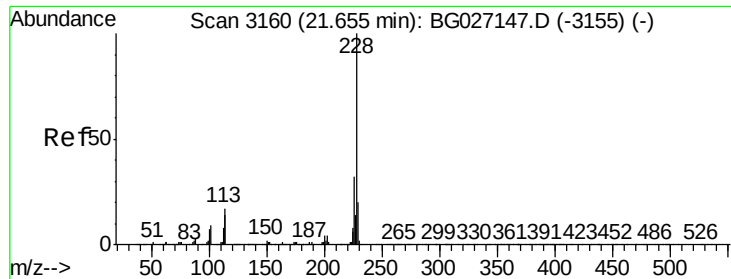
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#20
 Benzo(a)anthracene
 Concen: 10.98 ng/ul
 RT: 21.59 min Scan# 3148
 Delta R.T. 0.00 min
 Lab File: BG027139.D
 Acq: 24 May 2017 22:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.3	15.7	23.5
226	29.9	21.1	31.7





#21

Chrysene

Concen: 11.61 ng/ul

RT: 21.65 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG027139.D

Acq: 24 May 2017 22:08

Instrument :

BNA_G

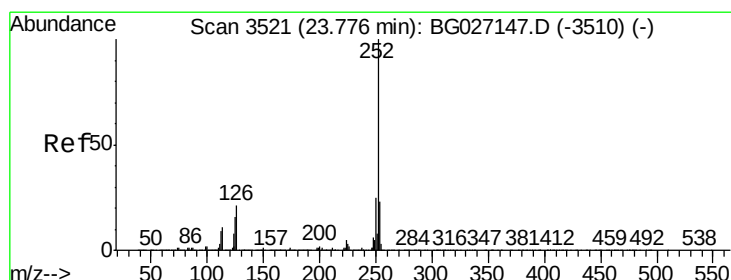
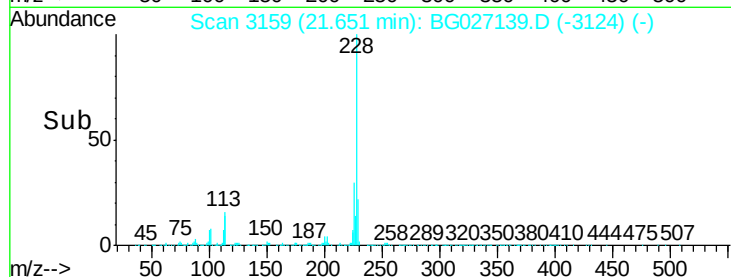
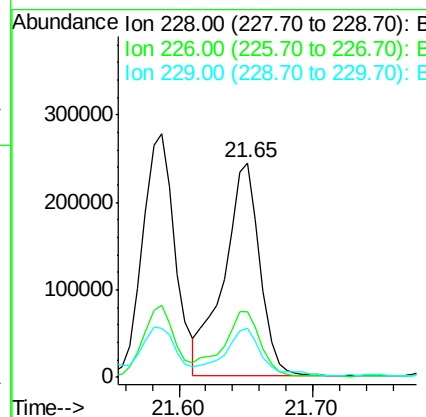
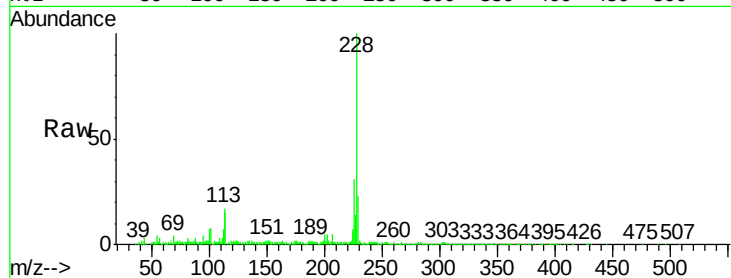
ClientSampleId :

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Tgt Ion:	228	Resp:	458096
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.5	36.7
229	22.7	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 16.03 ng/ul

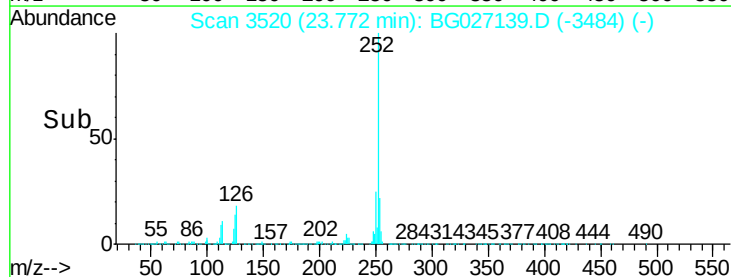
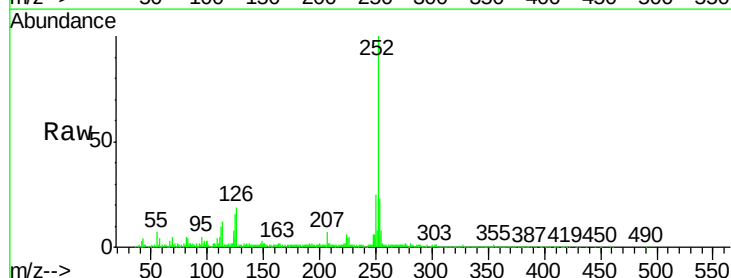
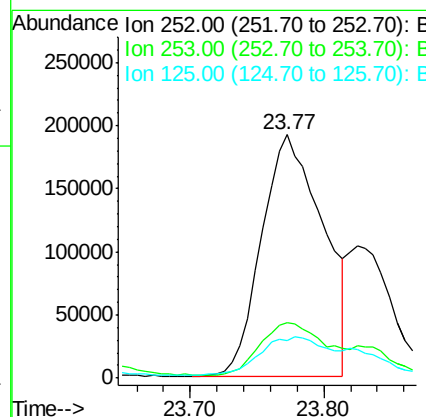
RT: 23.77 min Scan# 3520

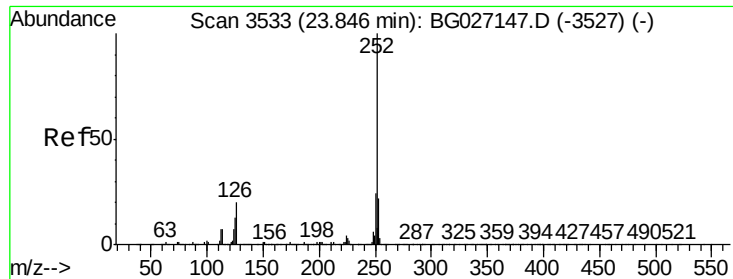
Delta R.T. 0.01 min

Lab File: BG027139.D

Acq: 24 May 2017 22:08

Tgt Ion:	252	Resp:	612036
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.0	27.0
125	15.6	8.0	12.0#





#24

Benzo(k)fluoranthene

Concen: 6.46 ng/ul m

RT: 23.83 min Scan# 3529

Delta R.T. -0.01 min

Lab File: BG027139.D

Acq: 24 May 2017 22:08

Instrument :

BNA_G

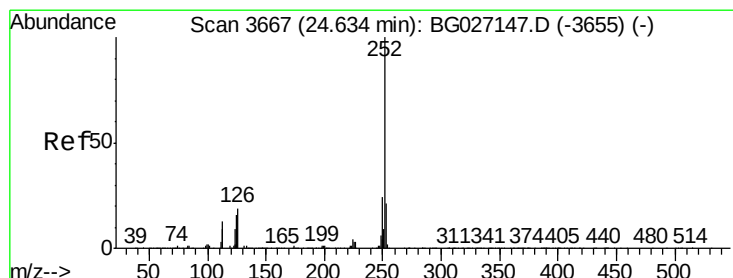
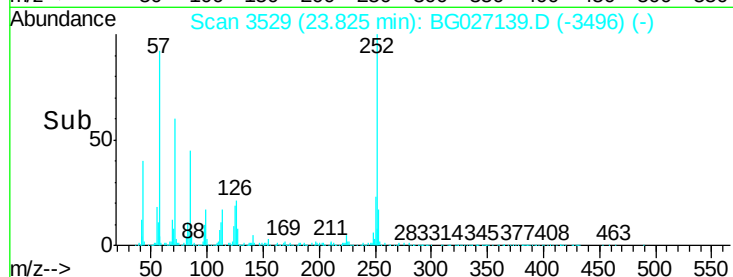
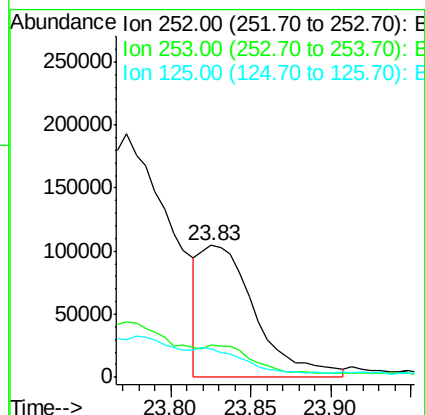
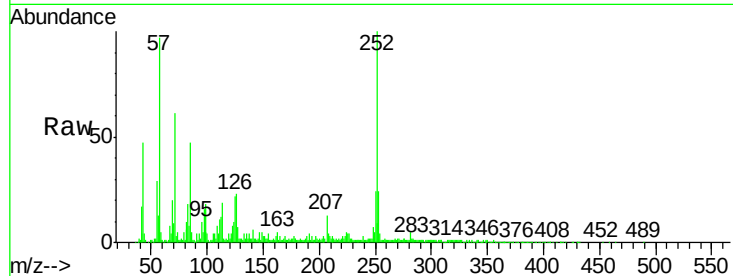
ClientSampleId :

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Tgt Ion:	252	Resp:	253741
Ion Ratio	Lower	Upper	
252	100		
253	24.5	18.0	27.0
125	21.6	8.1	12.1#

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#26

Benzo(a)pyrene

Concen: 10.36 ng/ul

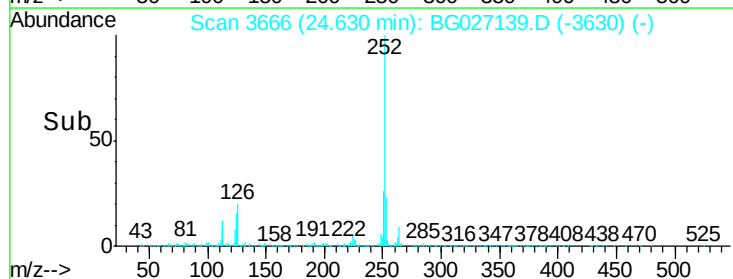
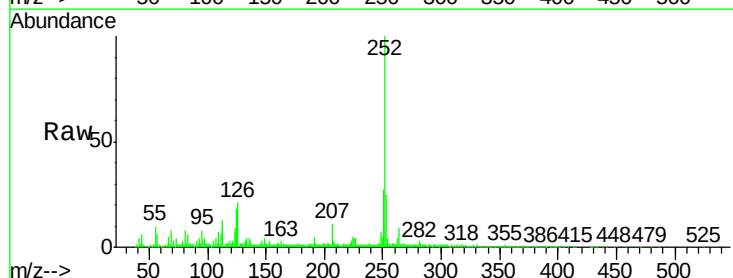
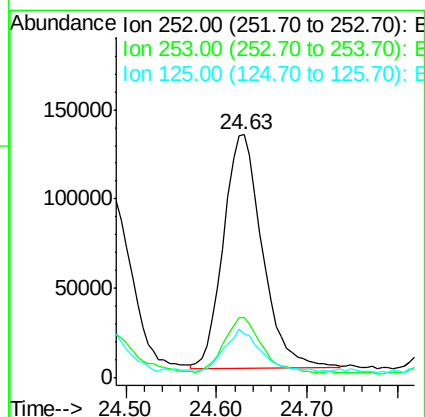
RT: 24.63 min Scan# 3666

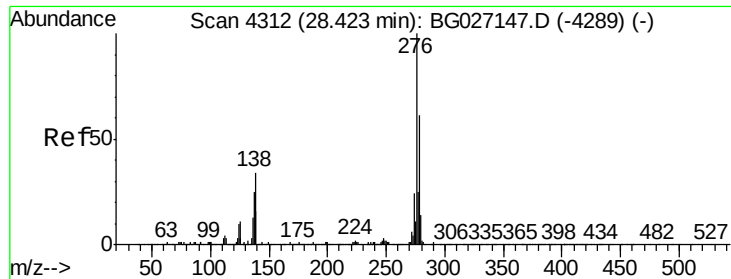
Delta R.T. 0.01 min

Lab File: BG027139.D

Acq: 24 May 2017 22:08

Tgt Ion:	252	Resp:	386784
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.2	25.8
125	18.1	8.2	12.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 5.81 ng/ul

RT: 28.40 min Scan# 4307

Delta R.T. 0.01 min

Lab File: BG027139.D

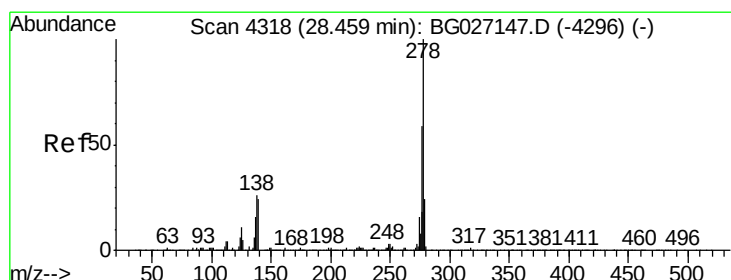
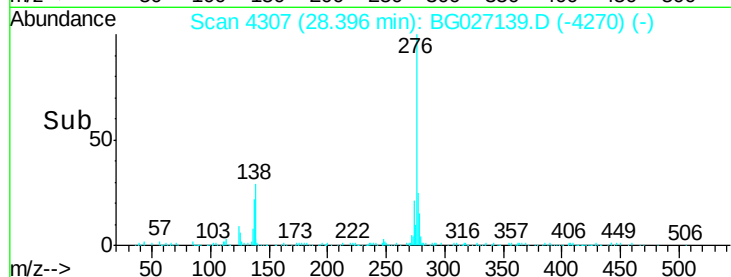
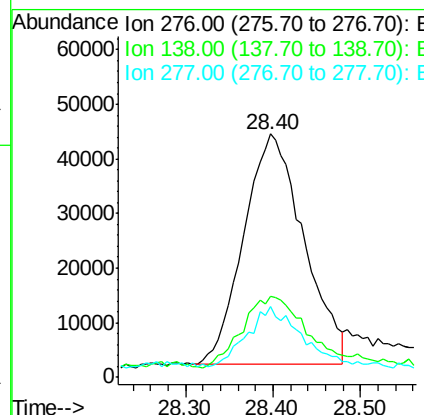
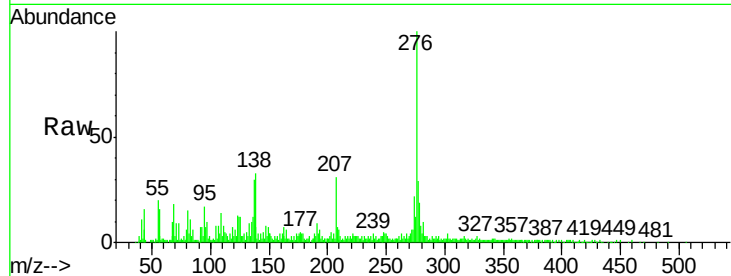
Acq: 24 May 2017 22:08

Instrument :
BNA_G
ClientSampleId :
DACA2

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	33.1	14.4	21.6#
277	29.2	18.0	27.0#

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#28

Dibenzo(a,h)anthracene

Concen: 1.78 ng/ul m

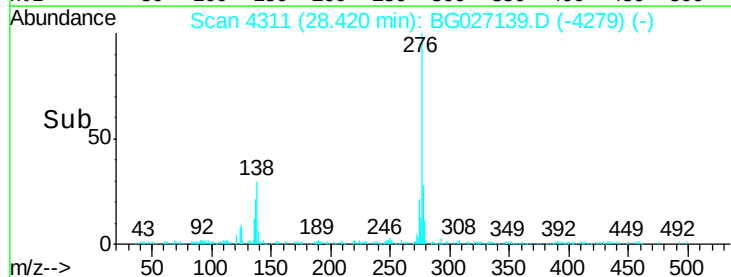
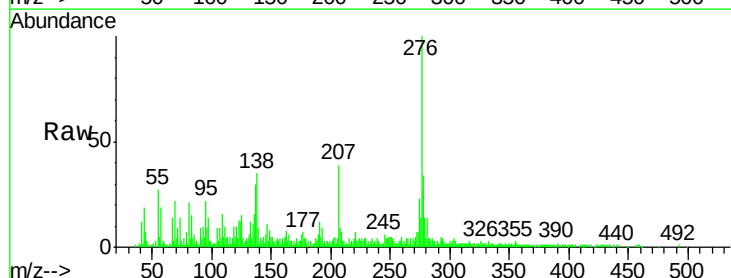
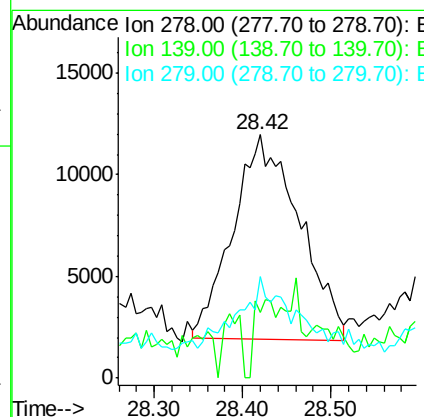
RT: 28.42 min Scan# 4311

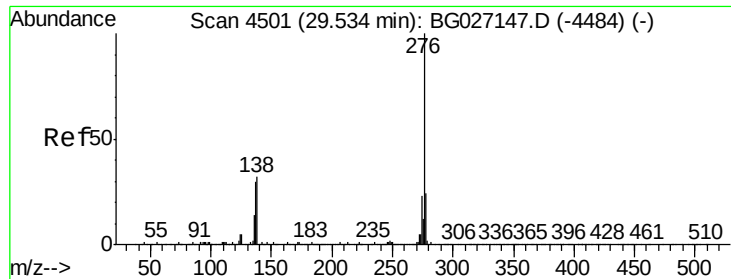
Delta R.T. -0.01 min

Lab File: BG027139.D

Acq: 24 May 2017 22:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	27.0	12.2	18.4#
279	41.6	19.2	28.8#





#29

Benzo(g,h,i)perylene

Concen: 6.10 ng/ul m

RT: 29.52 min Scan# 4498

Delta R.T. -0.00 min

Lab File: BG027139.D

Acq: 24 May 2017 22:08

Instrument :

BNA_G

ClientSampleId :

DACA2

Tgt	Ion	276	Resp:	166689
Ion	Ratio	100	Lower	Upper
276	100			
138	35.0	15.3	22.9#	
277	28.0	19.0	28.4	

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