

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052617\
 Data File : BG027157.D
 Acq On : 25 May 2017 9:54
 Operator : SJ/MA
 Sample : I3276-17
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC91

Manual Integrations
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mohammad
 5/26/2017 11:56:06 AM

Quant Time: May 25 10:57:11 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 25 06:05:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	205534	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	936010	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.63	164	464544	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.37	188	824615	20.00	ng/ul	0.00
17) Chrysene-d12	21.62	240	724540	20.00	ng/ul	0.01
22) Perylene-d12	24.81	264	570585	20.00	ng/ul	0.03

System Monitoring Compounds						
7) Acenaphthylene-d8	14.32	160	1141238	23.95	ng/ul	0.00
10) Fluorene-d10	15.62	176	708362	22.28	ng/ul	0.00
14) Anthracene-d10	17.47	188	951108m	23.66	ng/ul	0.00
18) Pyrene-d10	19.75	212	903197	23.87	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.59	264	696193	24.56	ng/ul	0.03

Target Compounds				Qvalue		
3) Naphthalene	10.86	128	243962	5.02	ng/ul	99
4) 2-Methylnaphthalene	12.46	142	77033	2.14	ng/ul	98
5) 1-Methylnaphthalene	12.68	142	57815	1.49	ng/ul#	97
9) Acenaphthene	14.69	153	206983	6.31	ng/ul	97
11) Fluorene	15.67	166	220323	6.31	ng/ul	96
13) Phenanthrene	17.41	178	2738571m	59.41	ng/ul	
15) Anthracene	17.50	178	649123	13.71	ng/ul	98
16) Fluoranthene	19.42	202	3308786	70.21	ng/ul#	78
19) Pyrene	19.78	202	2800898	59.15	ng/ul#	79
20) Benzo(a)anthracene	21.60	228	1529893	35.04	ng/ul	94
21) Chrysene	21.67	228	1434656	35.80	ng/ul	94
23) Benzo(b)fluoranthene	23.81	252	1773321	52.29	ng/ul#	91
24) Benzo(k)fluoranthene	23.86	252	872610m	25.02	ng/ul	
26) Benzo(a)pyrene	24.66	252	1107384	33.38	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	28.45	276	488694	16.01	ng/ul#	80
28) Dibenzo(a,h)anthracene	28.49	278	127109	4.83	ng/ul#	77
29) Benzo(g,h,i)perylene	29.59	276	312852	12.89	ng/ul#	84

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

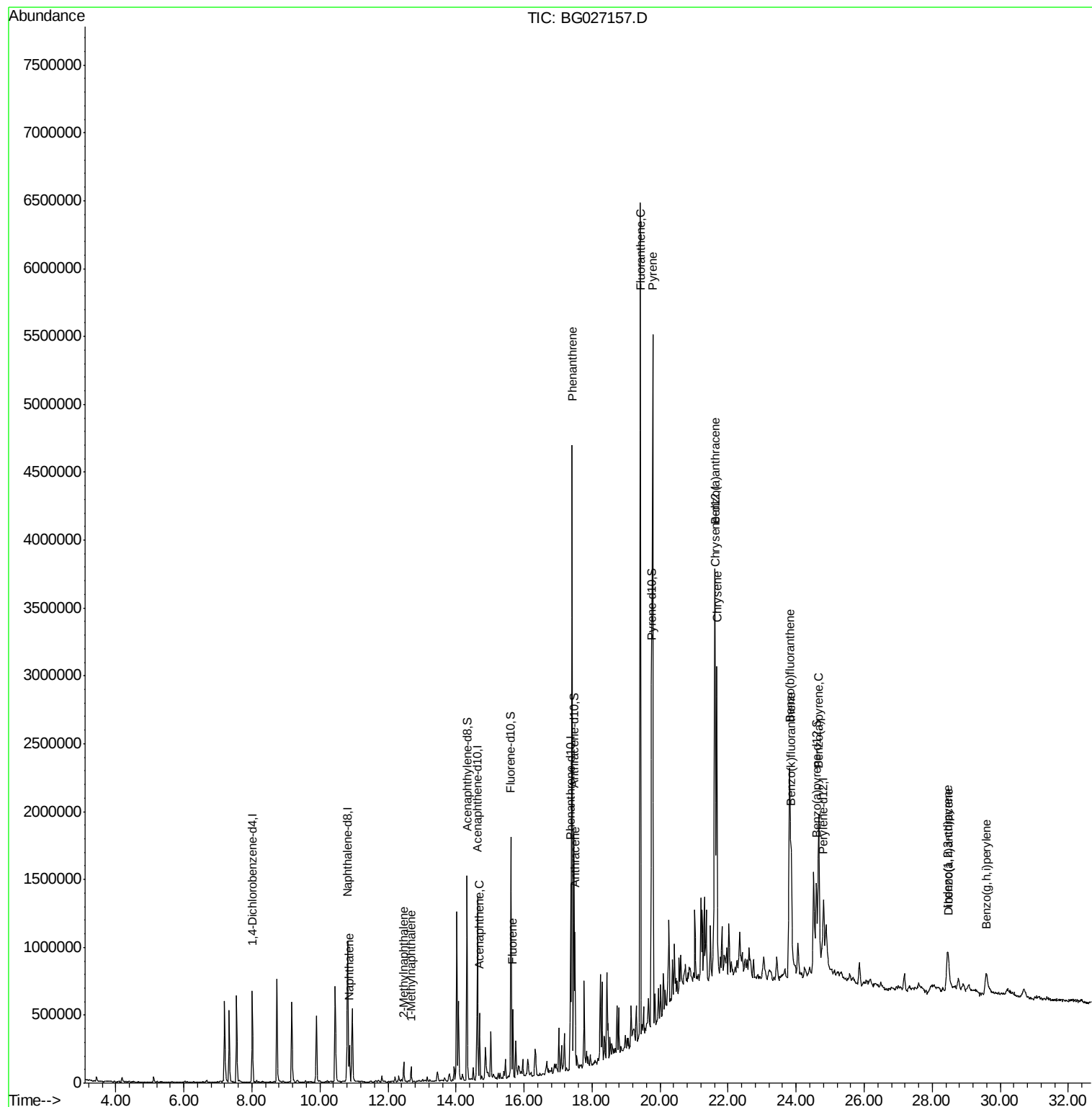
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052617\
Data File : BG027157.D
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Sample : I3276-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

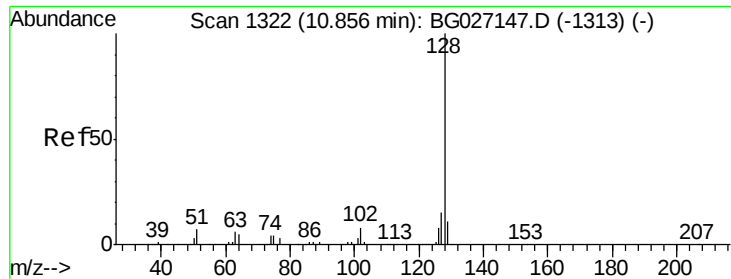
Instrument :
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Quant Time: May 25 10:57:11 2017
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#3

Naphthalene

Concen: 5.02 ng/ul

RT: 10.86 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BG027157.D

Acq: 25 May 2017 9:54

Instrument :

BNA_G

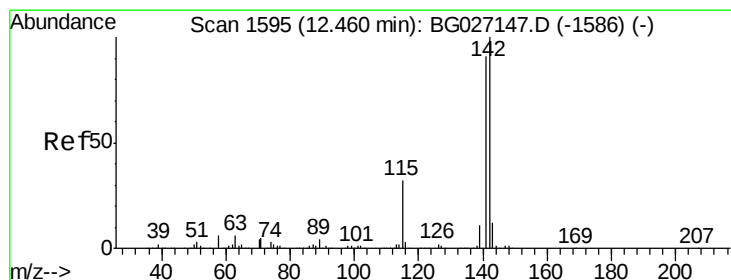
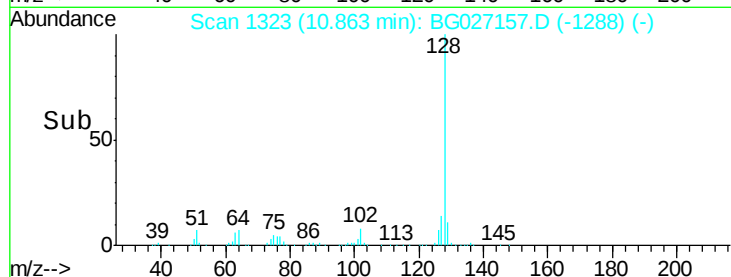
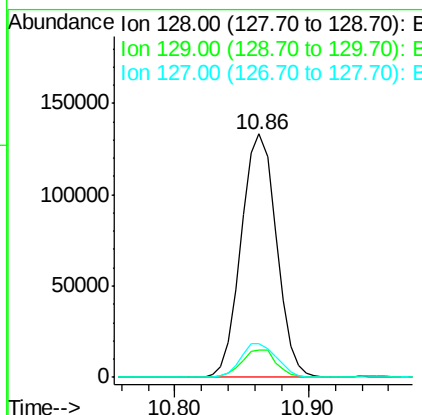
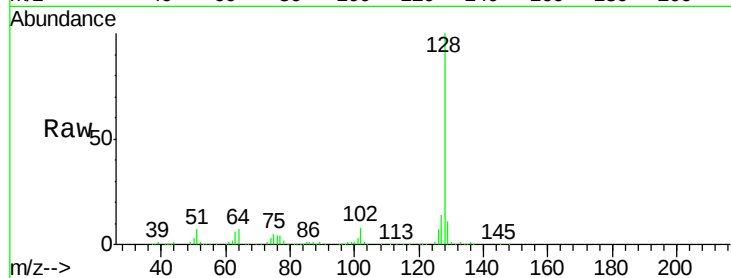
ClientSampleId :

DAC91

Tgt Ion:	128	Resp:	243962
Ion Ratio		Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.8	10.6	16.0

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#4

2-Methylnaphthalene

Concen: 2.14 ng/ul

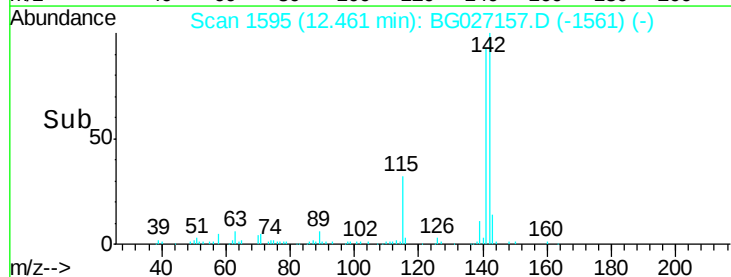
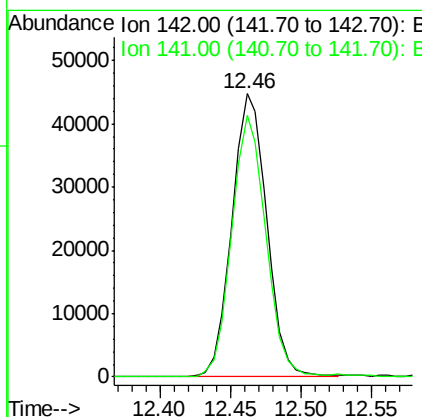
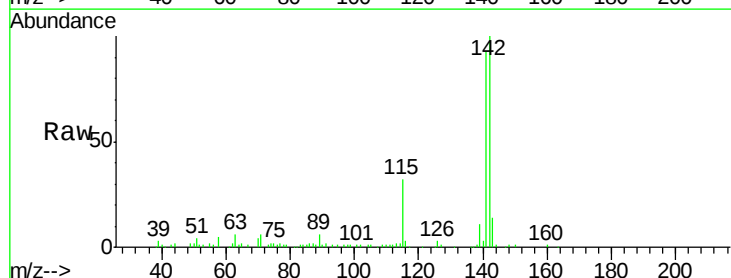
RT: 12.46 min Scan# 1595

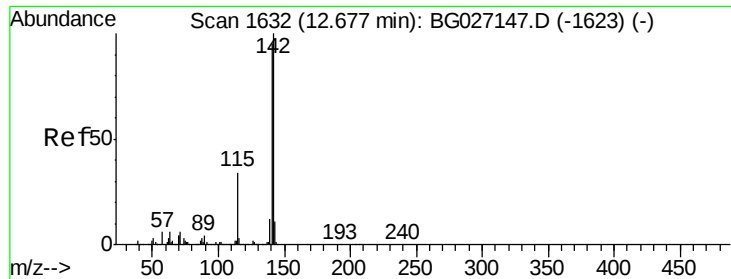
Delta R.T. 0.00 min

Lab File: BG027157.D

Acq: 25 May 2017 9:54

Tgt Ion:	142	Resp:	77033
Ion Ratio		Lower	Upper
142	100		
141	92.5	72.7	109.1





#5

1-Methylnaphthalene

Concen: 1.49 ng/ul

RT: 12.68 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BG027157.D

Acq: 25 May 2017 9:54

Instrument :

BNA_G

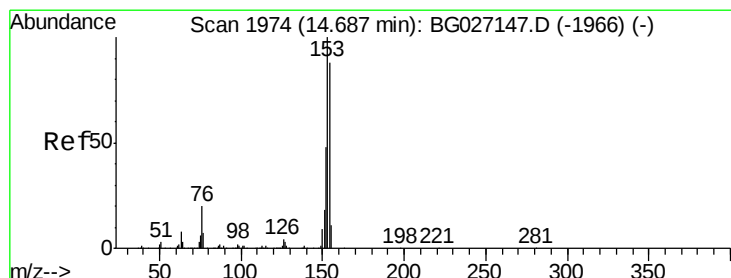
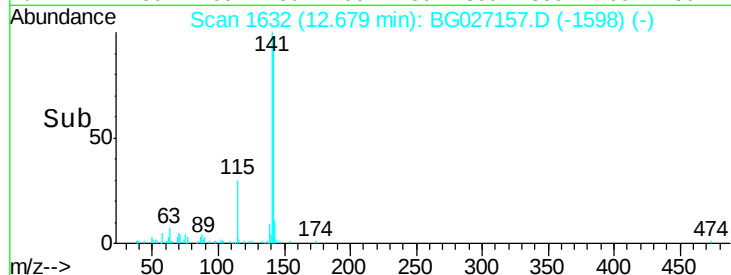
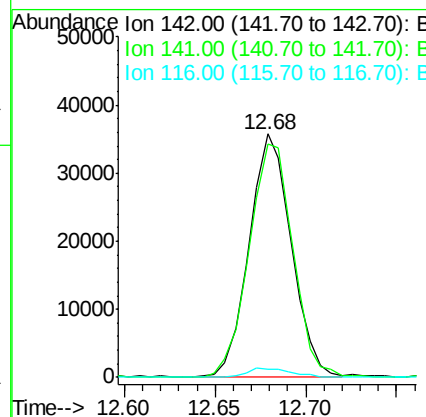
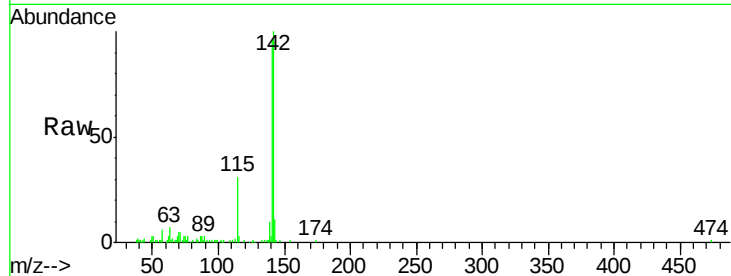
ClientSampleId :

DAC91

Tgt Ion:	142	Resp:	57815
Ion Ratio	Lower	Upper	
142	100		
141	96.0	79.3	118.9
116	3.2	4.2	6.2#

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#9

Acenaphthene

Concen: 6.31 ng/ul

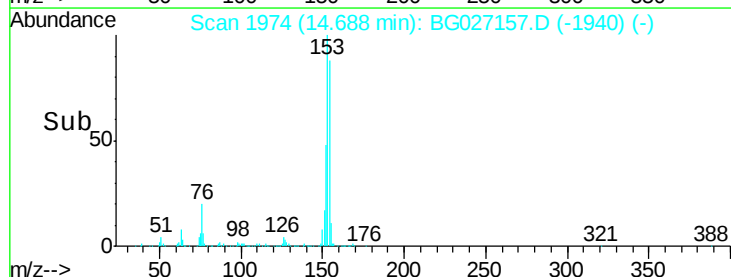
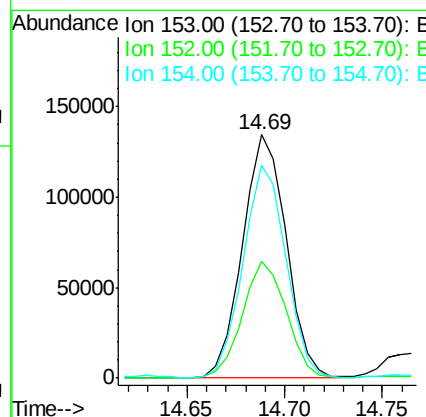
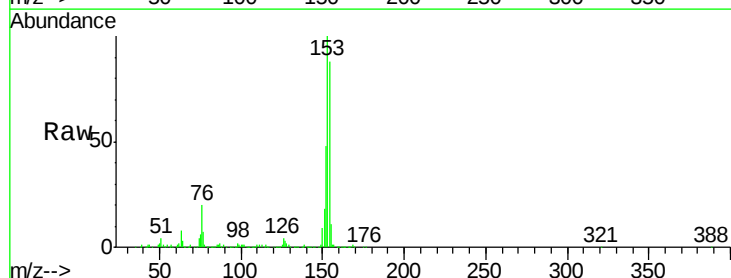
RT: 14.69 min Scan# 1974

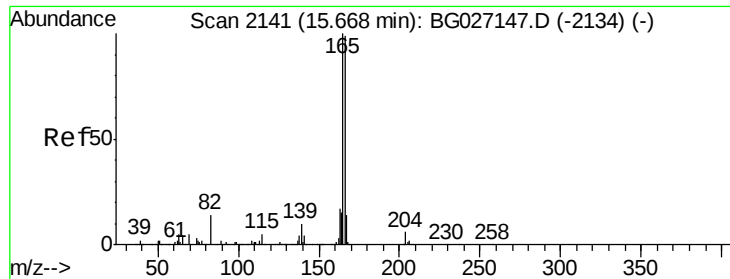
Delta R.T. 0.00 min

Lab File: BG027157.D

Acq: 25 May 2017 9:54

Tgt Ion:	153	Resp:	206983
Ion Ratio	Lower	Upper	
153	100		
152	47.8	39.0	58.6
154	87.7	66.8	100.2





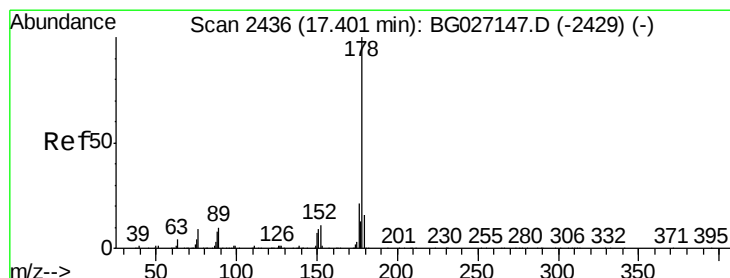
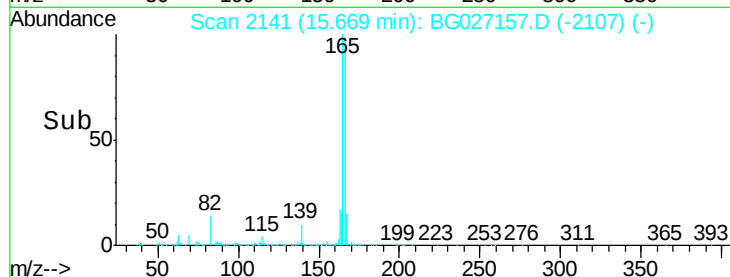
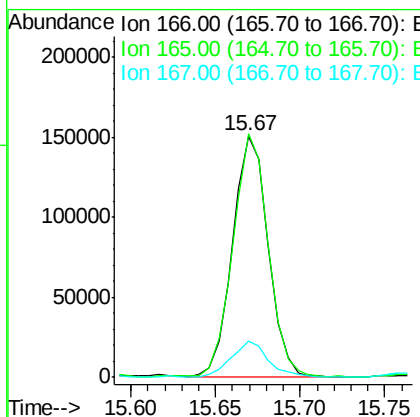
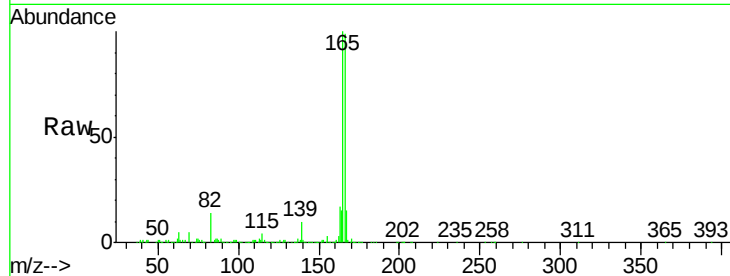
#11
Fluorene
 Concen: 6.31 ng/ul
 RT: 15.67 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: BG027157.D
 Acq: 25 May 2017 9:54

Instrument :
 BNA_G
 ClientSampleId :
 DAC91

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	220323		
165	100.8	83.8	125.8	
167	14.9	11.5	17.3	

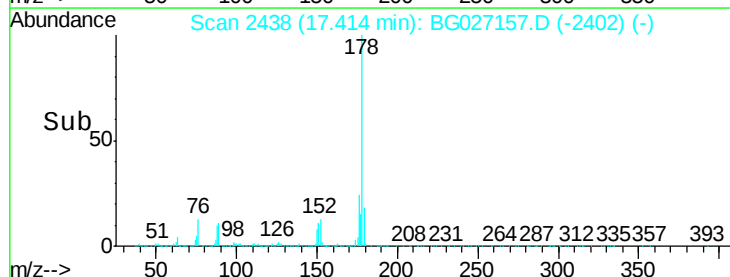
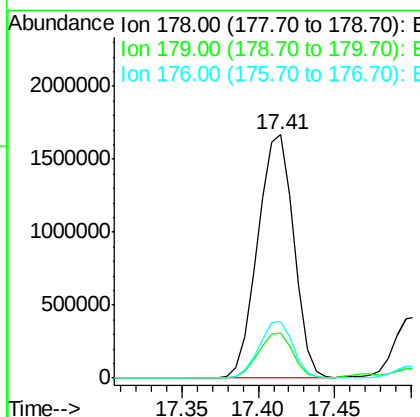
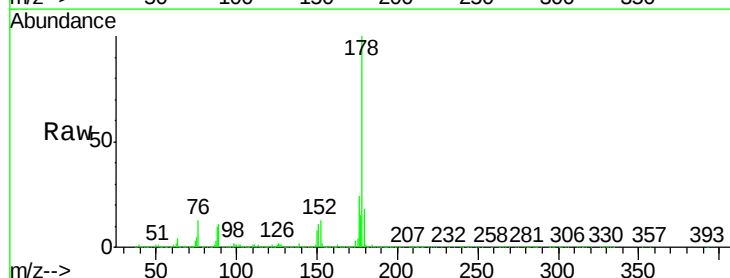
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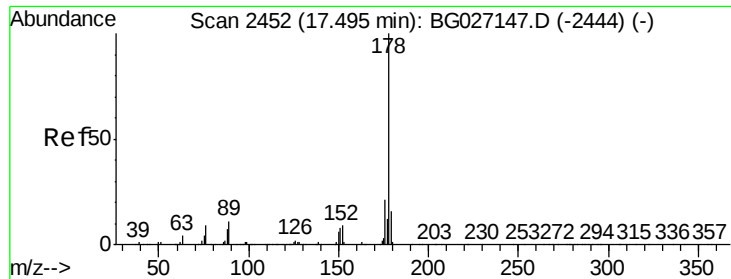
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#13
Phenanthrene
 Concen: 59.41 ng/ul m
 RT: 17.41 min Scan# 2438
 Delta R.T. 0.01 min
 Lab File: BG027157.D
 Acq: 25 May 2017 9:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2738571		
179	18.4	12.3	18.5	
176	23.6	15.1	22.7#	





#15

Anthracene

Concen: 13.71 ng/ul

RT: 17.50 min Scan# 2453

Delta R.T. 0.01 min

Lab File: BG027157.D

Acq: 25 May 2017 9:54

Instrument :

BNA_G

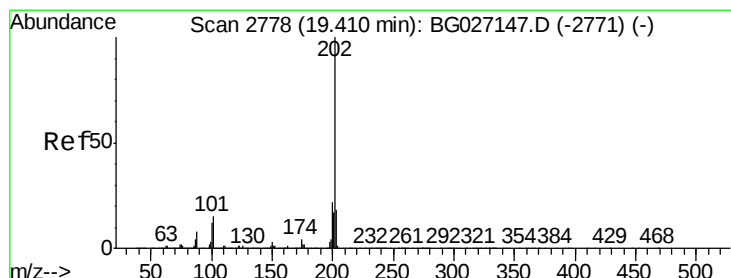
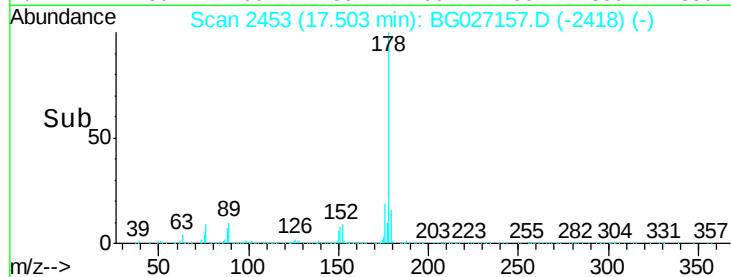
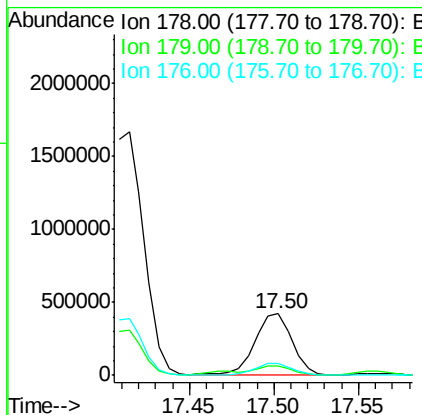
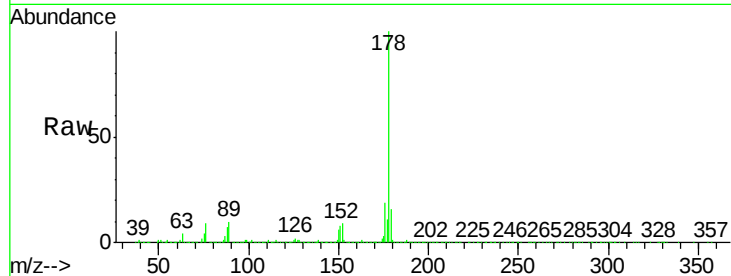
ClientSampled :

DAC91

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	11.8	17.8
176	19.3	15.2	22.8

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#16

Fluoranthene

Concen: 70.21 ng/ul

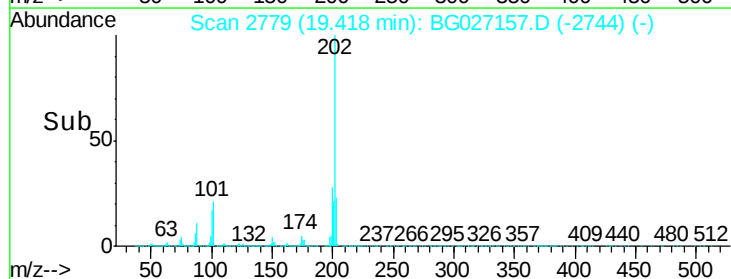
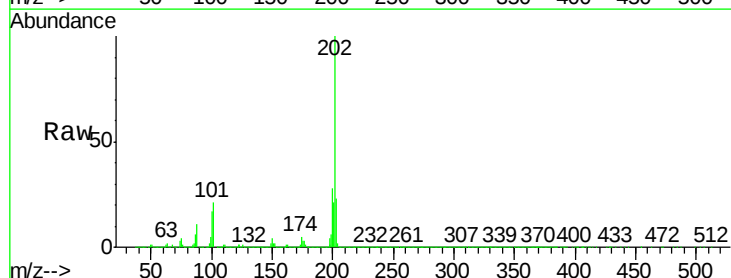
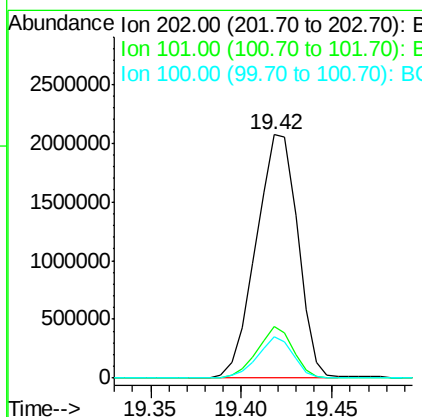
RT: 19.42 min Scan# 2779

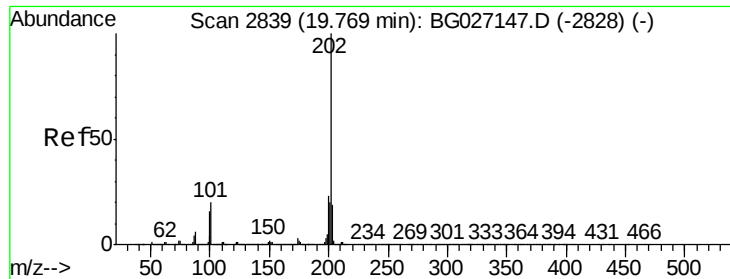
Delta R.T. 0.01 min

Lab File: BG027157.D

Acq: 25 May 2017 9:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	21.3	9.9	14.9#
100	17.0	7.4	11.0#





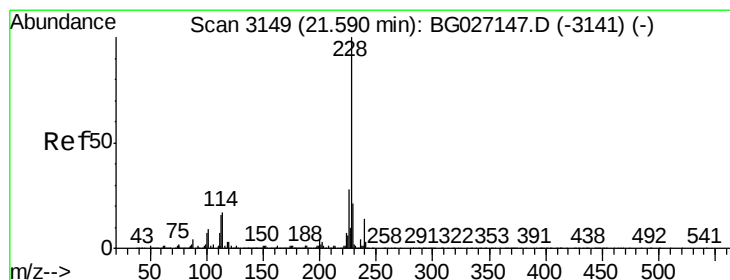
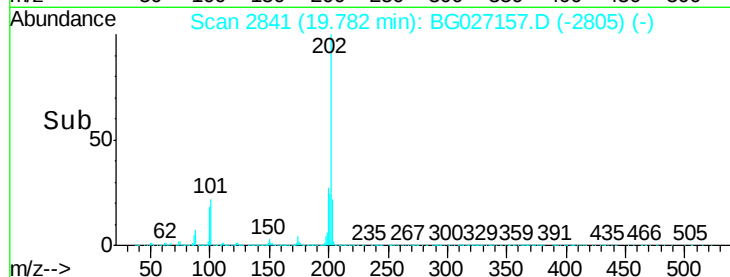
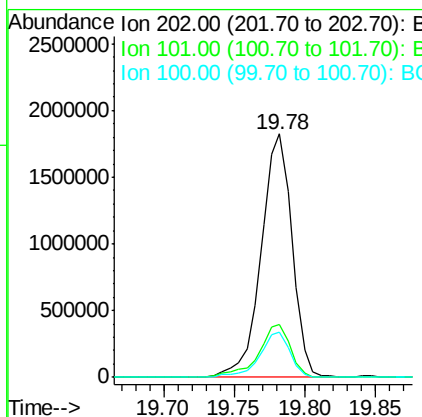
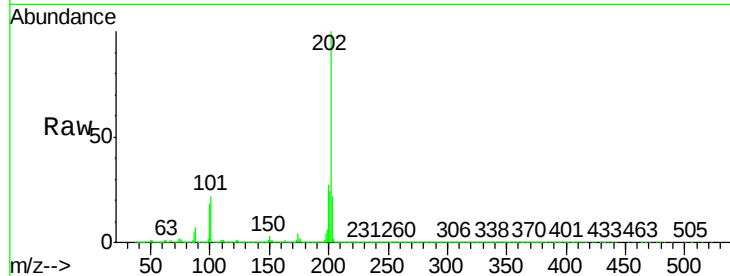
#19
Pyrene
Concen: 59.15 ng/ul
RT: 19.78 min Scan# 2841
Delta R.T. 0.01 min
Lab File: BG027157.D
Acq: 25 May 2017 9:54

Instrument :
BNA_G
ClientSampled :
DAC91

Tgt Ion	Ratio	Lower	Upper
202	100		
101	21.6	11.0	16.4#
100	18.5	8.1	12.1#

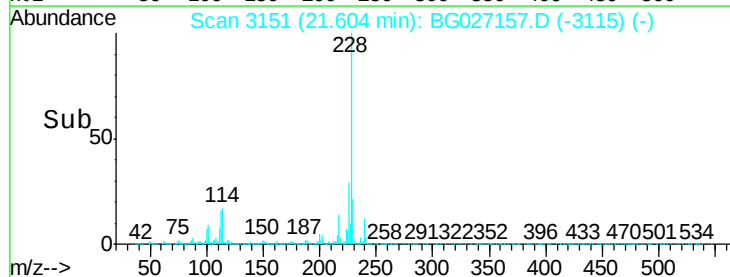
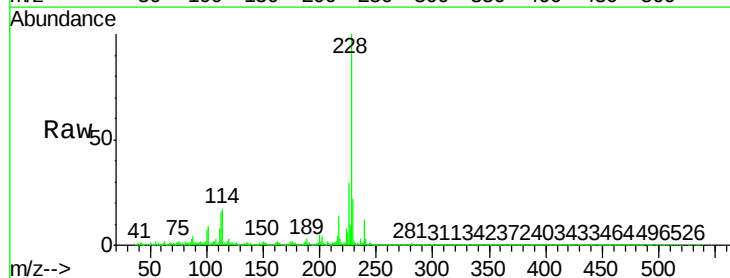
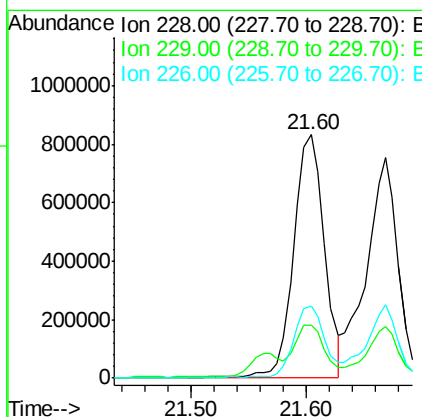
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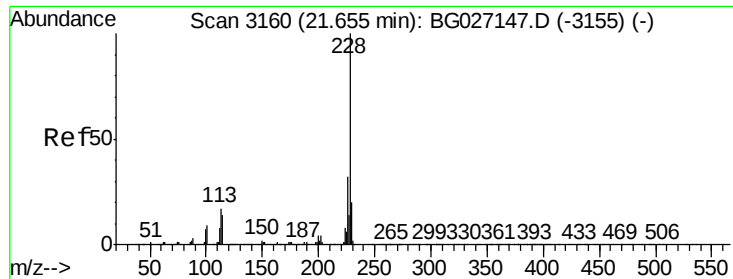
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#20
Benzo(a)anthracene
Concen: 35.04 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. 0.01 min
Lab File: BG027157.D
Acq: 25 May 2017 9:54

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.7	23.5
226	29.7	21.1	31.7





#21

Chrysene

Concen: 35.80 ng/ul

RT: 21.67 min Scan# 3162

Delta R.T. 0.01 min

Lab File: BG027157.D

Acq: 25 May 2017 9:54

Instrument :

BNA_G

ClientSampled :

DAC91

Tgt Ion:228 Resp: 1434656

Ion Ratio Lower Upper

228 100

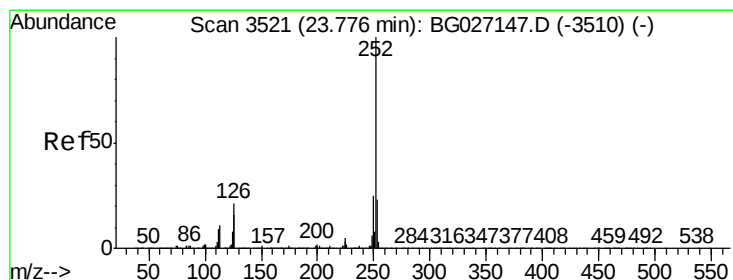
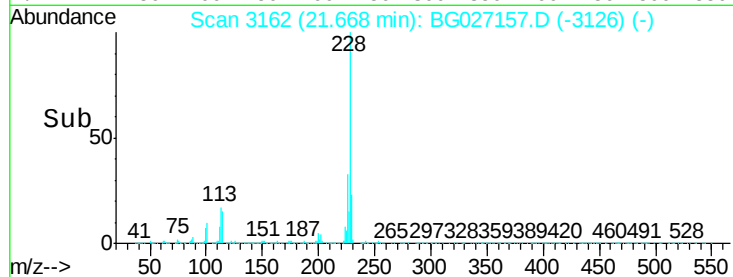
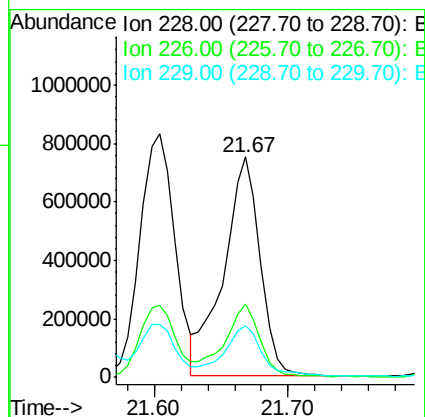
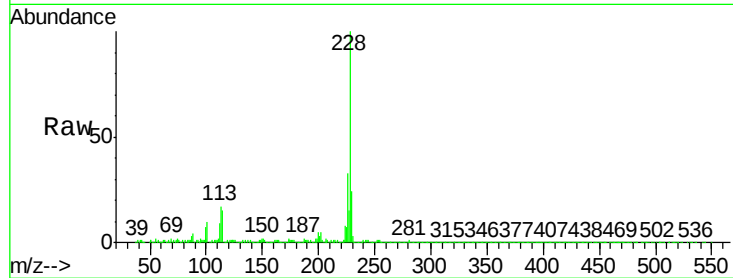
226 33.1 24.5 36.7

229 23.7 15.8 23.8

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#23

Benzo(b)fluoranthene

Concen: 52.29 ng/ul

RT: 23.81 min Scan# 3526

Delta R.T. 0.03 min

Lab File: BG027157.D

Acq: 25 May 2017 9:54

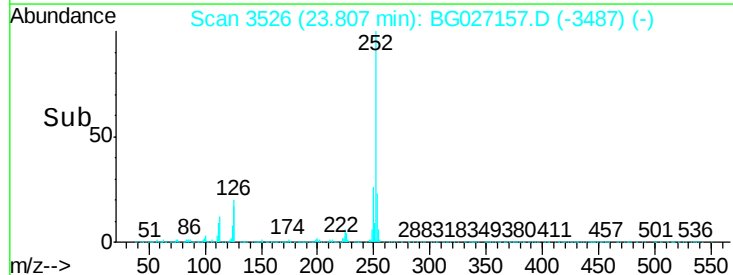
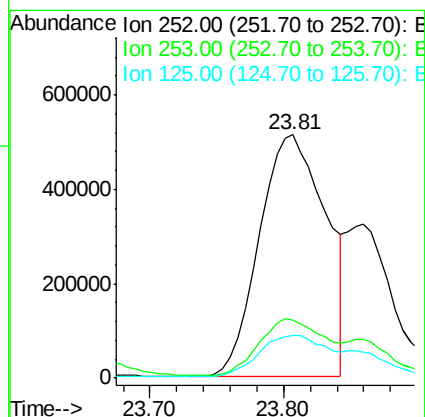
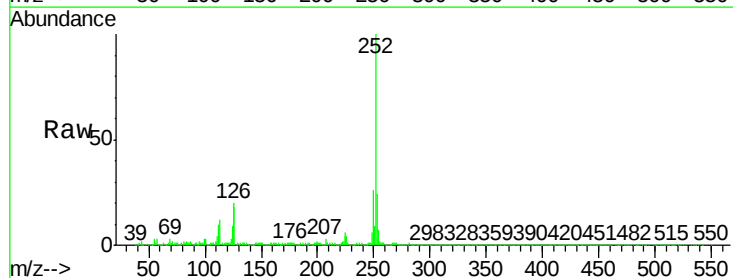
Tgt Ion:252 Resp: 1773321

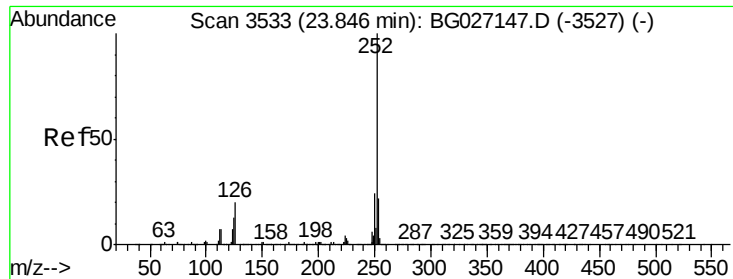
Ion Ratio Lower Upper

252 100

253 24.0 18.0 27.0

125 17.7 8.0 12.0#





#24

Benzo(k)fluoranthene

Concen: 25.02 ng/ul m

RT: 23.86 min Scan# 3535

Delta R.T. 0.01 min

Lab File: BG027157.D

Acq: 25 May 2017 9:54

Instrument :

BNA_G

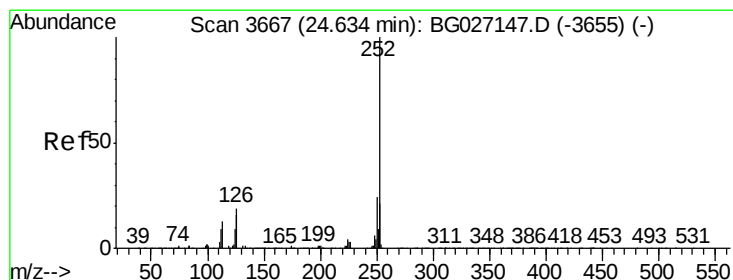
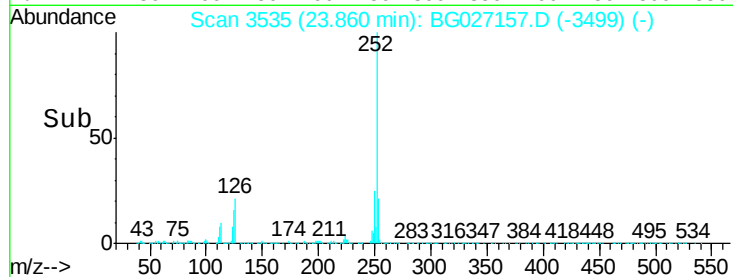
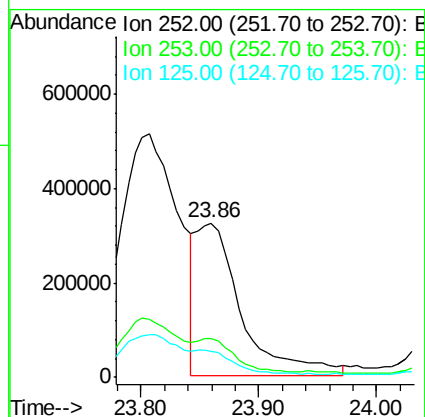
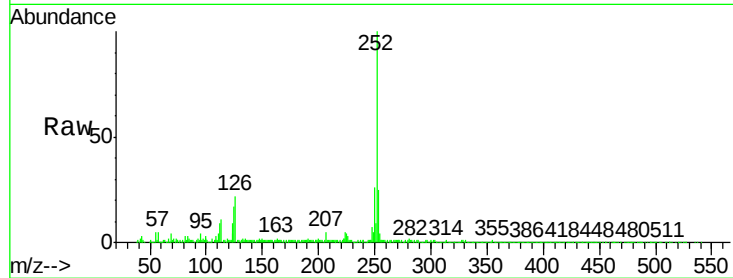
ClientSampleId :

DAC91

Tgt Ion:	252	Resp:	872610
Ion Ratio	Lower	Upper	
252	100		
253	24.9	18.0	27.0
125	16.9	8.1	12.1#

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#26

Benzo(a)pyrene

Concen: 33.38 ng/ul

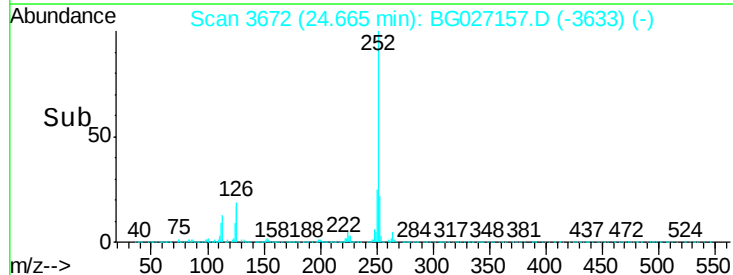
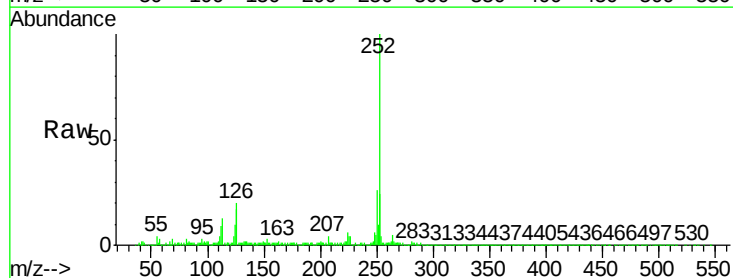
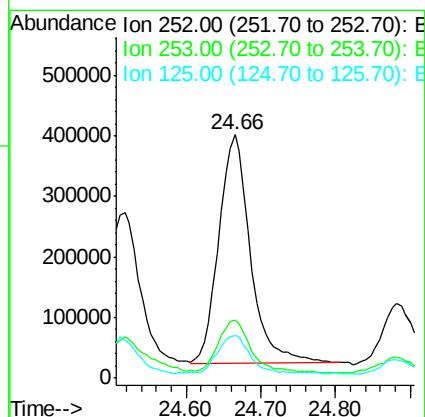
RT: 24.66 min Scan# 3672

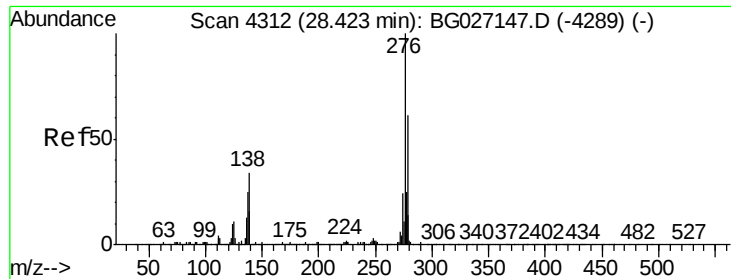
Delta R.T. 0.03 min

Lab File: BG027157.D

Acq: 25 May 2017 9:54

Tgt Ion:	252	Resp:	1107384
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.2	25.8
125	17.3	8.2	12.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 16.01 ng/ul

RT: 28.45 min Scan# 4316

Delta R.T. 0.03 min

Lab File: BG027157.D

Acq: 25 May 2017 9:54

Instrument :

BNA_G

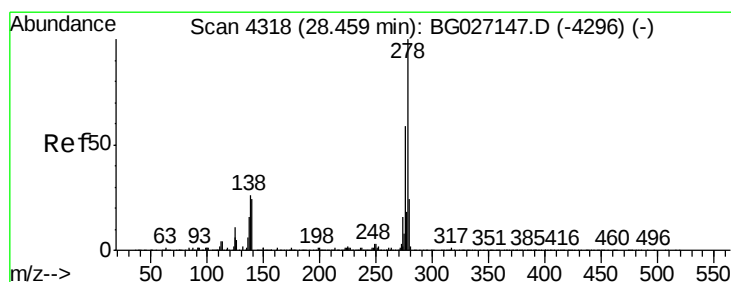
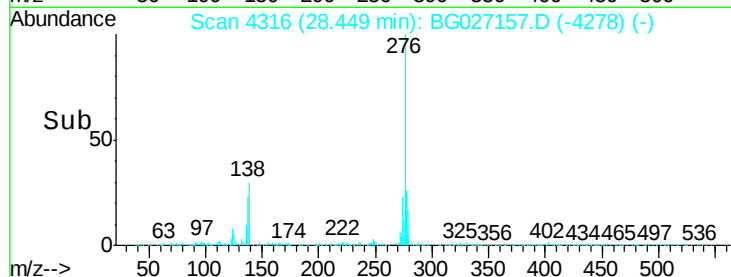
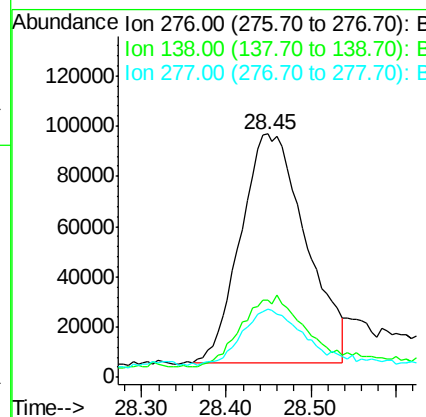
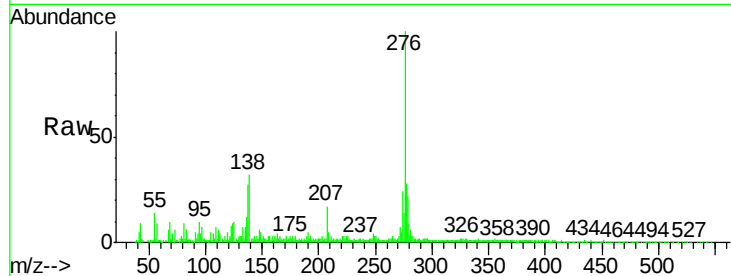
ClientSampleId :

DAC91

Tgt Ion:	276	Resp:	488694
Ion Ratio		Lower	Upper
276	100		
138	31.8	14.4	21.6#
277	28.0	18.0	27.0#

Manual Integrations
APPROVED

mohammad
5/26/2017 11:56:06 AM



#28

Dibenzo(a,h)anthracene

Concen: 4.83 ng/ul

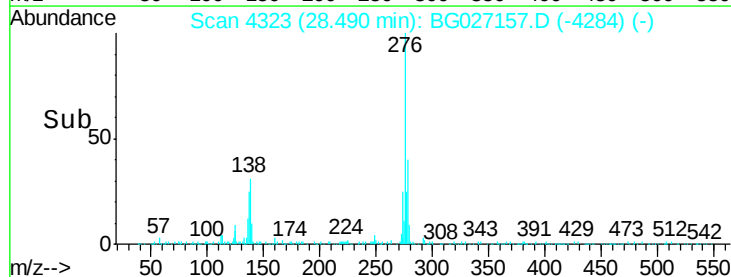
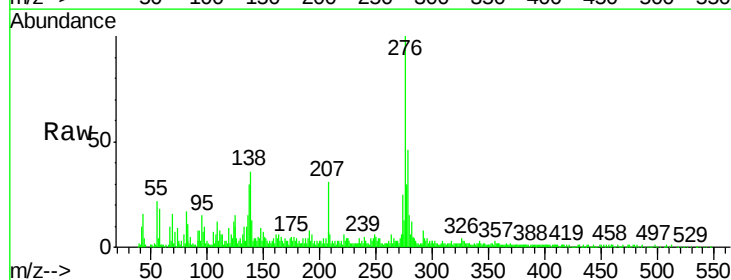
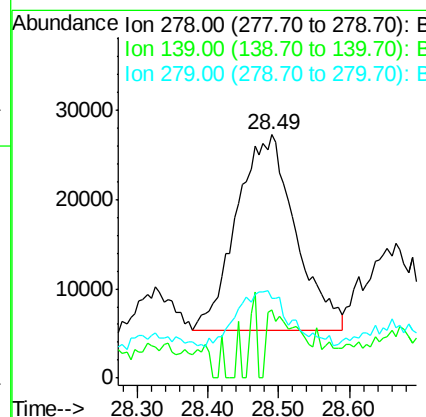
RT: 28.49 min Scan# 4323

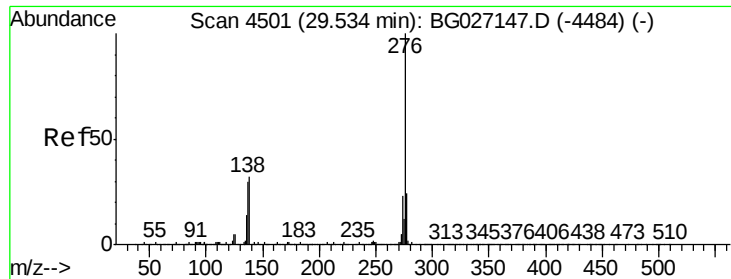
Delta R.T. 0.03 min

Lab File: BG027157.D

Acq: 25 May 2017 9:54

Tgt Ion:	278	Resp:	127109
Ion Ratio		Lower	Upper
278	100		
139	28.2	12.2	18.4#
279	32.8	19.2	28.8#





#29

Benzo(g,h,i)perylene

Concen: 12.89 ng/ul

RT: 29.59 min Scan# 4510

Delta R.T. 0.05 min

Lab File: BG027157.D

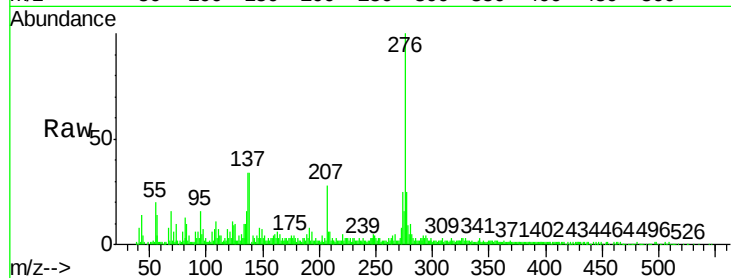
Acq: 25 May 2017 9:54

Instrument :

BNA_G

ClientSampleId :

DAC91



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	33.9	15.3	22.9#	
277	25.0	19.0	28.4	

Manual Integrations
APPROVED

mohammad
5/26/2017 11:56:06 AM

