

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052617\
 Data File : BG027154.D
 Acq On : 25 May 2017 7:56
 Operator : SJ/MA
 Sample : I3277-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC86

Manual Integrations
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Quant Time: Jun 01 12:53:10 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	204583	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	937685	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.63	164	473932	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.37	188	858912	20.00	ng/ul	0.00
17) Chrysene-d12	21.62	240	774656	20.00	ng/ul	0.01
22) Perylene-d12	24.80	264	614795	20.00	ng/ul	0.02

System Monitoring Compounds						
7) Acenaphthylene-d8	14.32	160	1076015	22.13	ng/ul	0.00
10) Fluorene-d10	15.61	176	672845	20.75	ng/ul	0.00
14) Anthracene-d10	17.47	188	921333m	22.00	ng/ul	0.00
18) Pyrene-d10	19.75	212	873754	21.60	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.59	264	693741	22.71	ng/ul	0.02

Target Compounds				Qvalue		
3) Naphthalene	10.86	128	84733	1.74	ng/ul	97
4) 2-Methylnaphthalene	12.46	142	55354	1.54	ng/ul	95
13) Phenanthrene	17.41	178	428603	8.93	ng/ul	98
15) Anthracene	17.50	178	74089	1.50	ng/ul	98
16) Fluoranthene	19.41	202	801451	16.33	ng/ul#	90
19) Pyrene	19.77	202	697580	13.78	ng/ul#	87
20) Benzo(a)anthracene	21.60	228	395039	8.46	ng/ul	95
21) Chrysene	21.66	228	391502m	9.14	ng/ul	
23) Benzo(b)fluoranthene	23.79	252	475296	13.01	ng/ul#	88
24) Benzo(k)fluoranthene	23.85	252	220664m	5.87	ng/ul	
26) Benzo(a)pyrene	24.65	252	278883	7.80	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	28.45	276	163239m	4.96	ng/ul	
28) Dibenzo(a,h)anthracene	28.45	278	37491m	1.32	ng/ul	
29) Benzo(g,h,i)perylene	29.58	276	112382m	4.30	ng/ul	

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

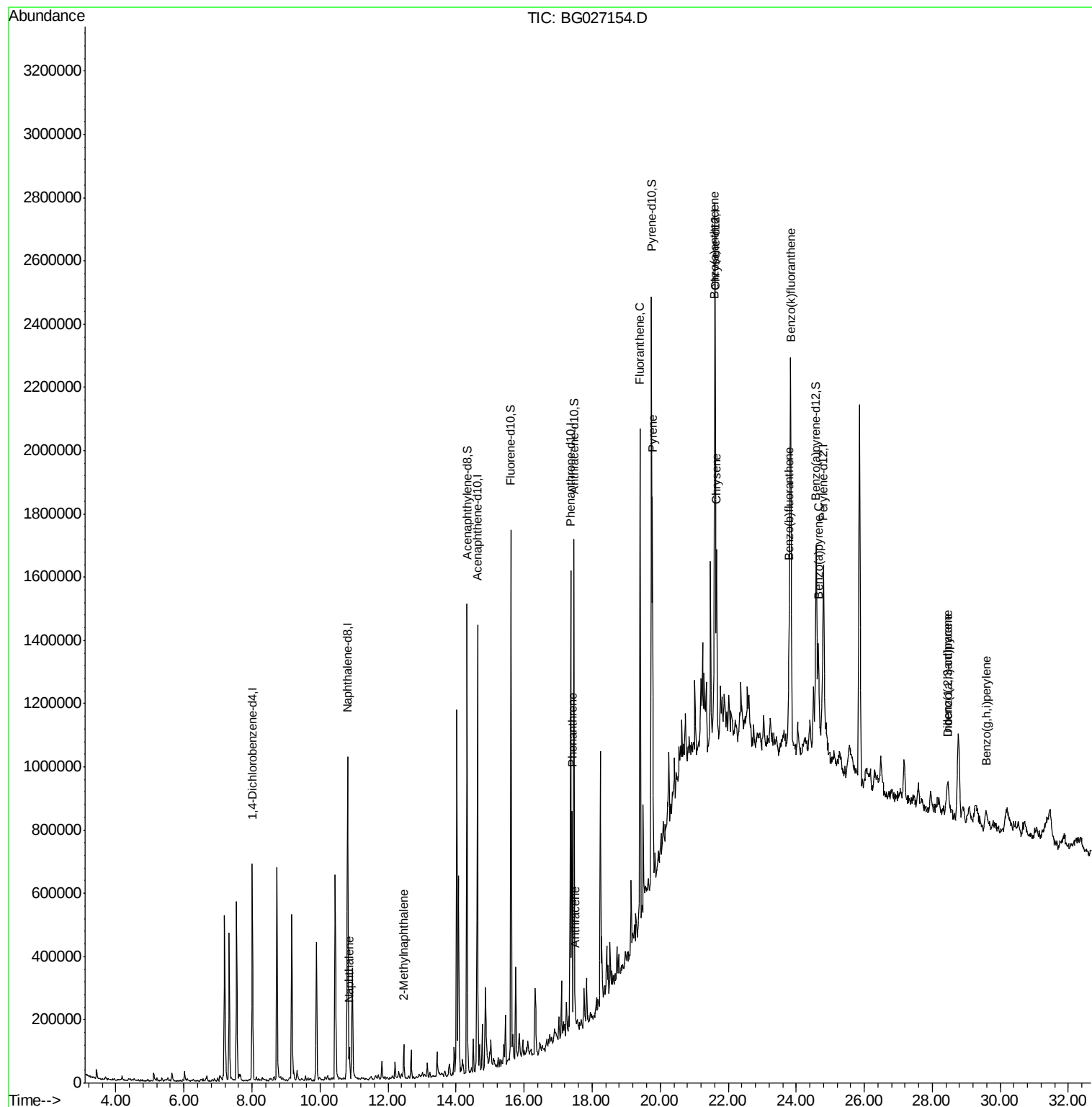
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052617\
Data File : BG027154.D
Acq On : 25 May 2017 7:56
Operator : SJ/MA
Sample : I3277-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

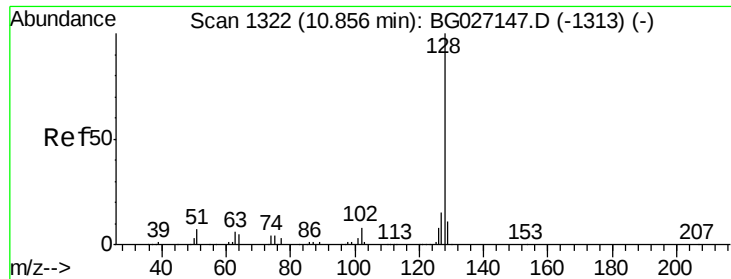
Instrument :
BNA_G
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Quant Time: Jun 01 12:53:10 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
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#3

Naphthalene

Concen: 1.74 ng/ul

RT: 10.86 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BG027154.D

Acq: 25 May 2017 7:56

Instrument :

BNA_G

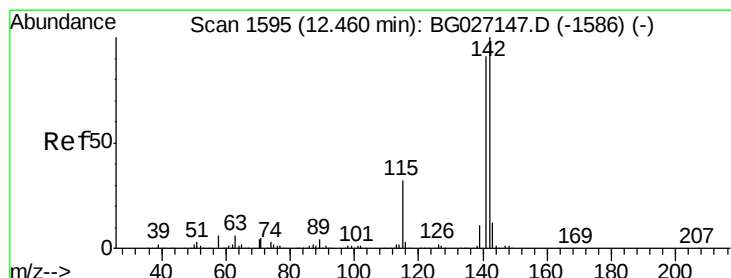
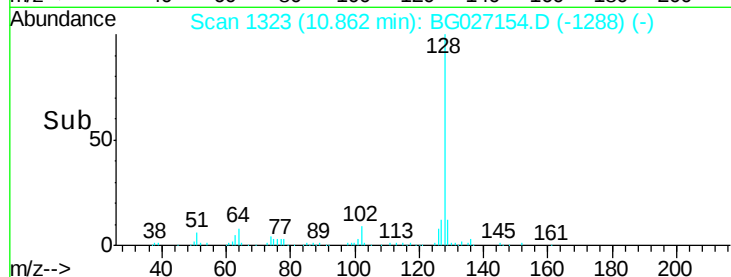
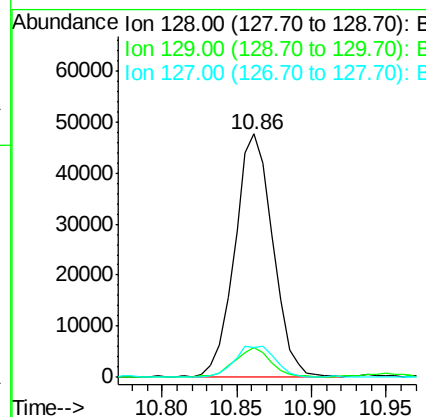
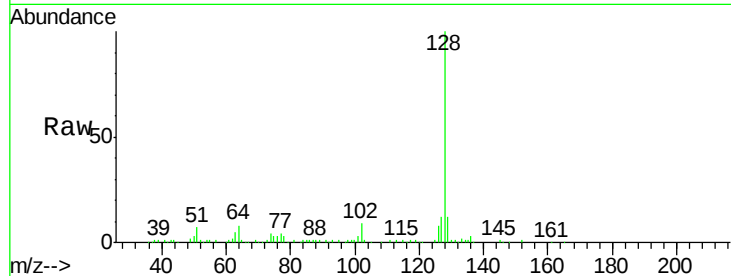
ClientSampleId :

DAC86

Tgt Ion:	128	Resp:	84733
Ion Ratio	Lower	Upper	
128	100		
129	12.1	8.7	13.1
127	12.4	10.6	16.0

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#4

2-Methylnaphthalene

Concen: 1.54 ng/ul

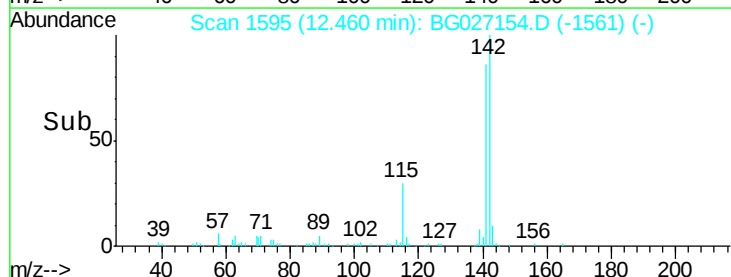
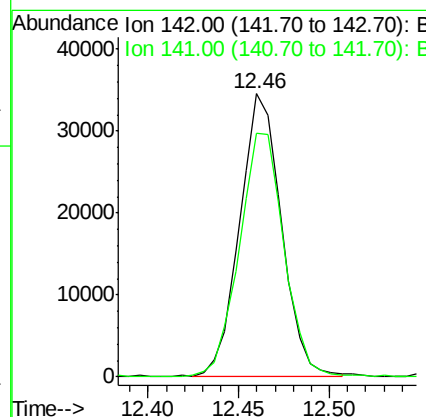
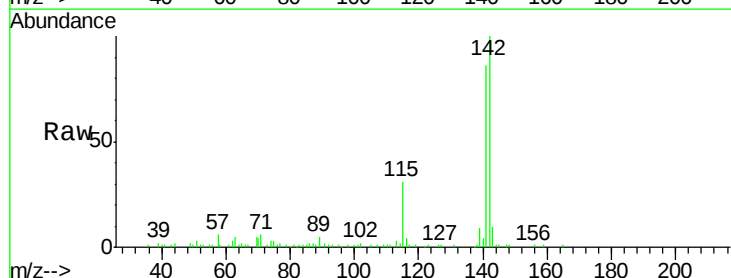
RT: 12.46 min Scan# 1595

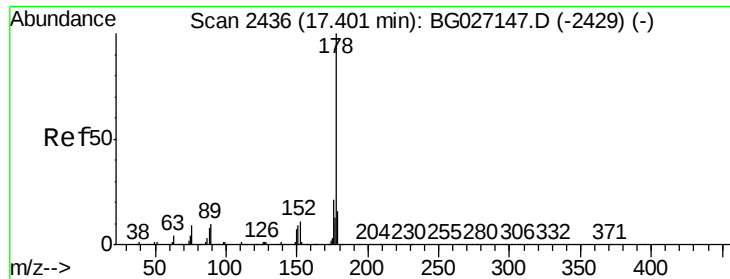
Delta R.T. 0.00 min

Lab File: BG027154.D

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Tgt Ion:	142	Resp:	55354
Ion Ratio	Lower	Upper	
142	100		
141	86.1	72.7	109.1





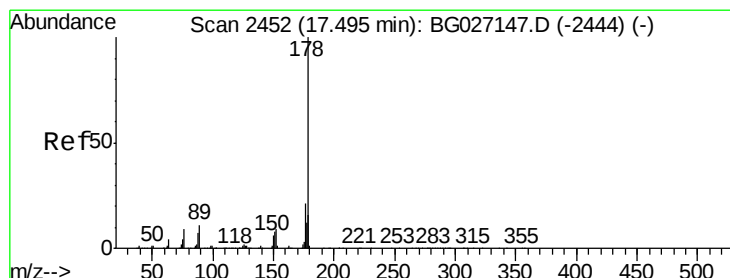
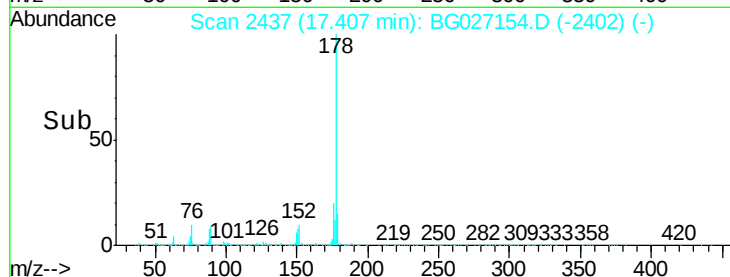
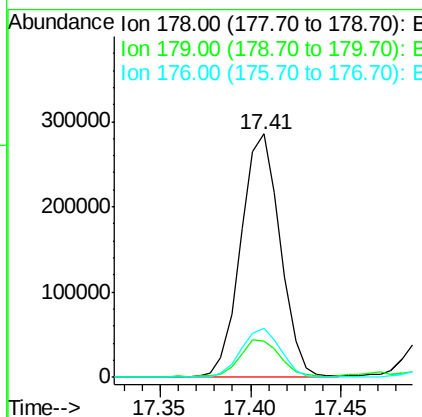
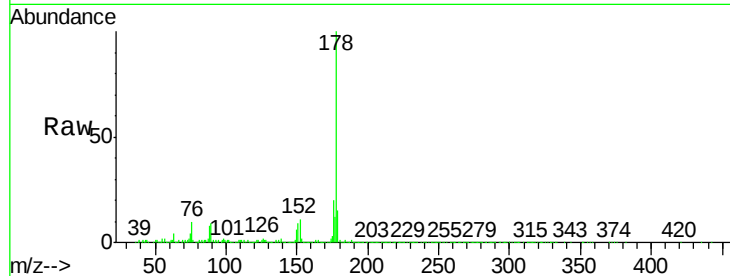
#13
Phenanthrene
Concen: 8.93 ng/ul
RT: 17.41 min Scan# 2437
Delta R.T. 0.01 min
Lab File: BG027154.D
Acq: 25 May 2017 7:56

Instrument :
BNA_G
ClientSampleId :
DAC86

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.3	18.5
176	20.0	15.1	22.7

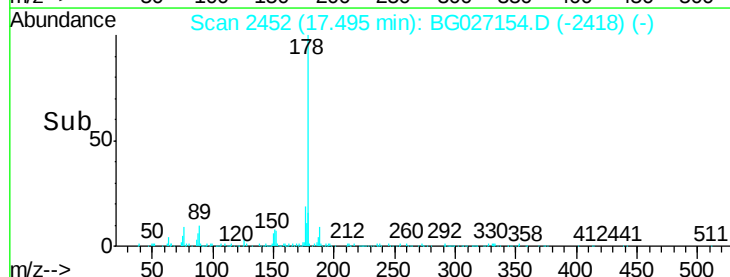
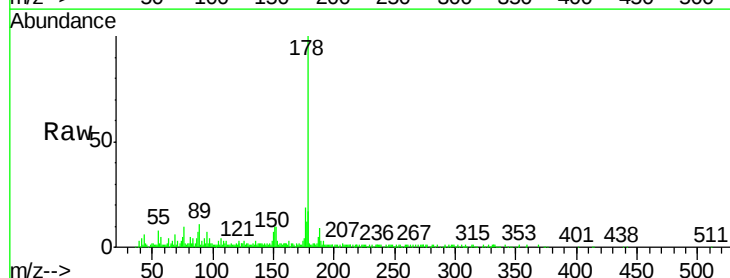
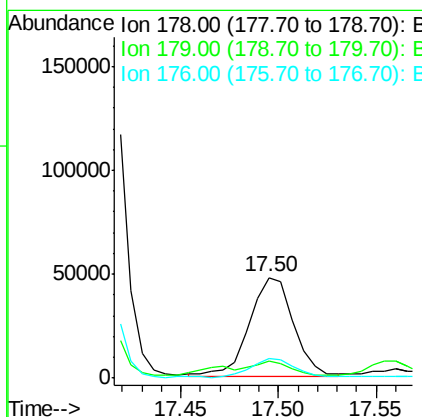
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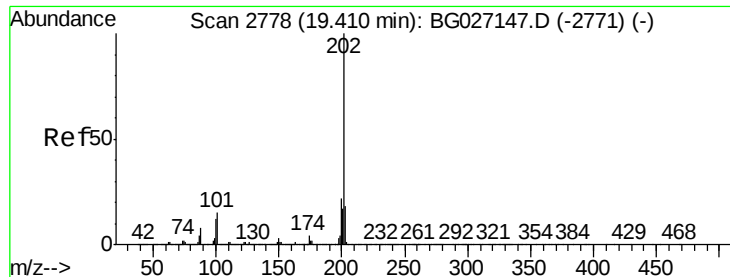
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#15
Anthracene
Concen: 1.50 ng/ul
RT: 17.50 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BG027154.D
Acq: 25 May 2017 7:56

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.6	11.8	17.8
176	19.5	15.2	22.8





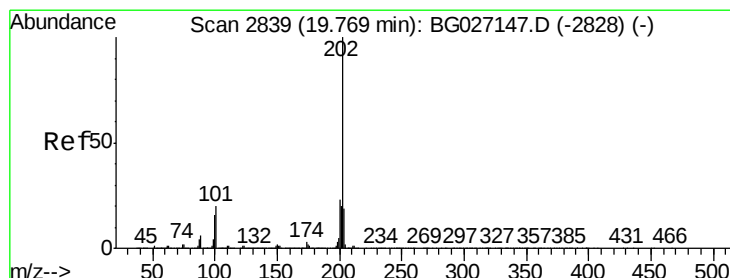
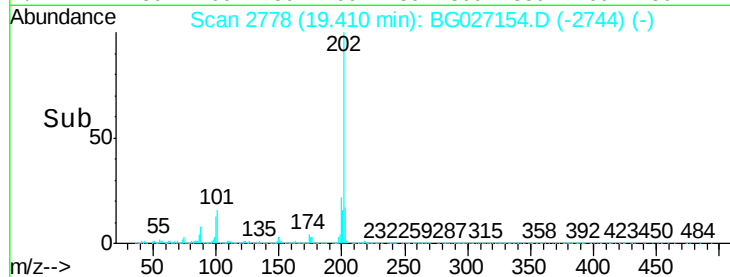
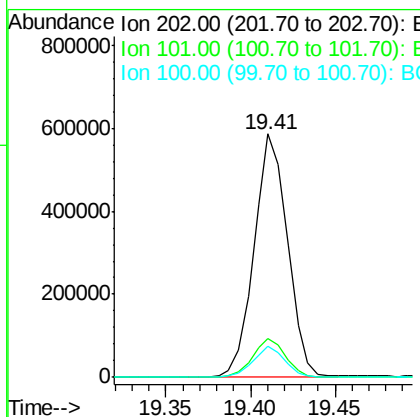
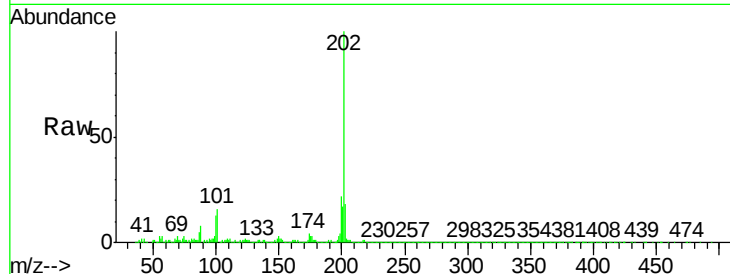
#16
 Fluoranthene
 Concen: 16.33 ng/ul
 RT: 19.41 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: BG027154.D
 Acq: 25 May 2017 7:56

Instrument :
 BNA_G
 ClientSampleId :
 DAC86

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	16.1	9.9	14.9#
100	12.8	7.4	11.0#

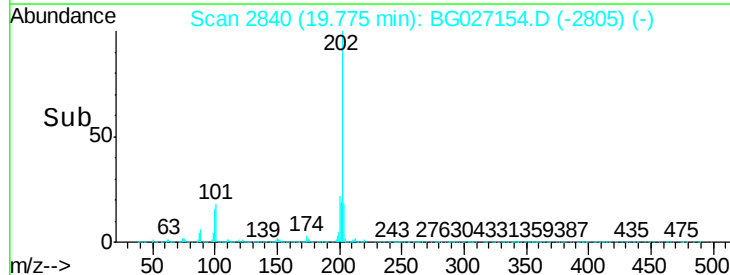
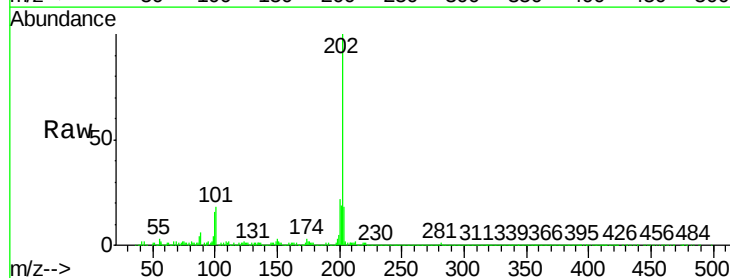
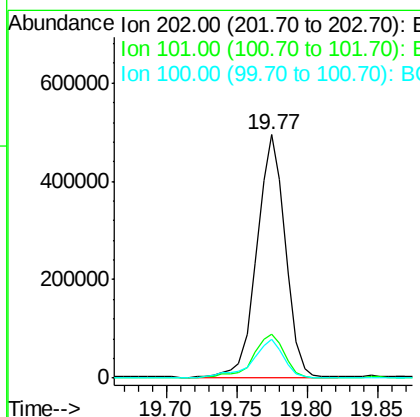
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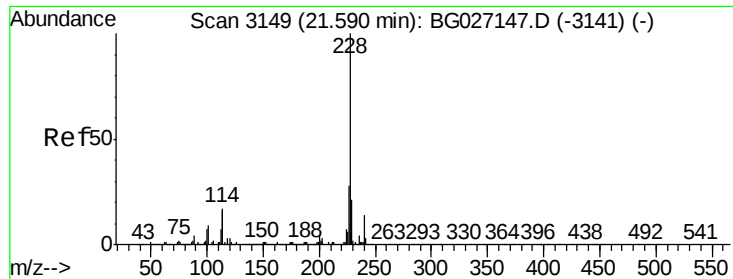
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#19
 Pyrene
 Concen: 13.78 ng/ul
 RT: 19.77 min Scan# 2840
 Delta R.T. 0.01 min
 Lab File: BG027154.D
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	18.1	11.0	16.4#
100	16.0	8.1	12.1#





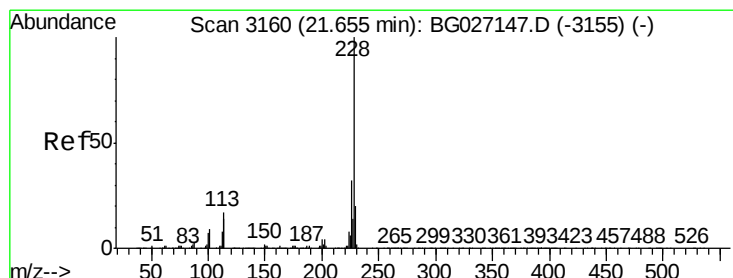
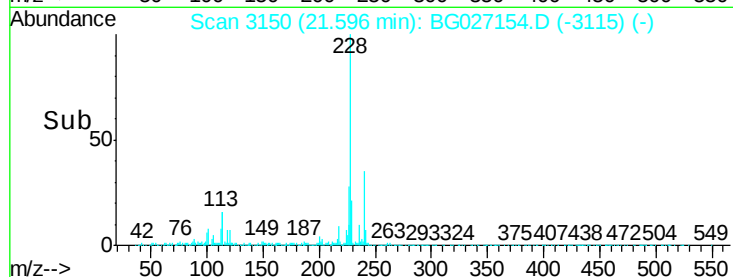
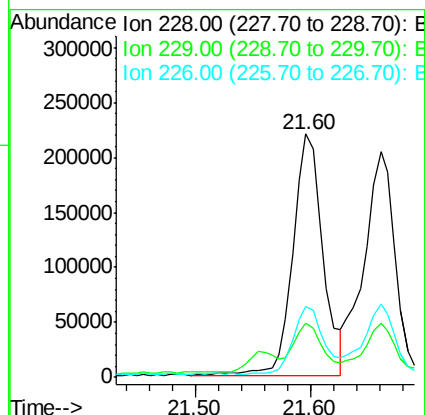
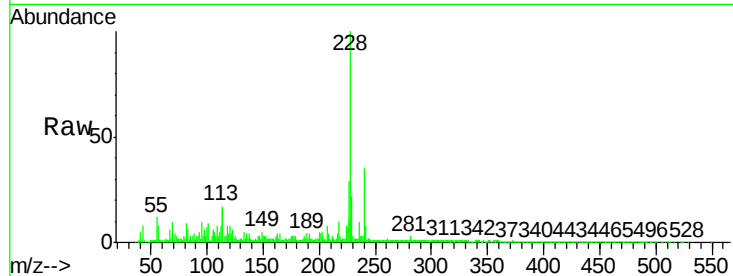
#20
Benzo(a)anthracene
Concen: 8.46 ng/ul
RT: 21.60 min Scan# 3150
Delta R.T. 0.01 min
Lab File: BG027154.D
Acq: 25 May 2017 7:56

Instrument :
BNA_G
ClientSampled :
DAC86

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	395039		
229	22.1	15.7	23.5	
226	29.0	21.1	31.7	

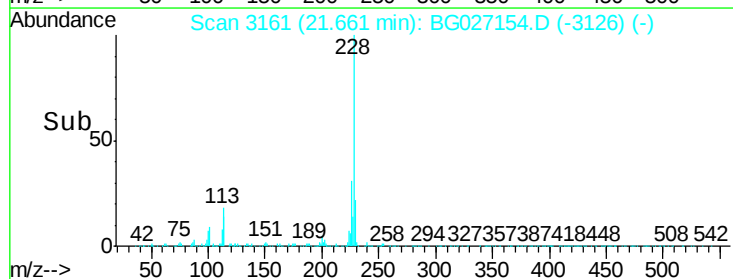
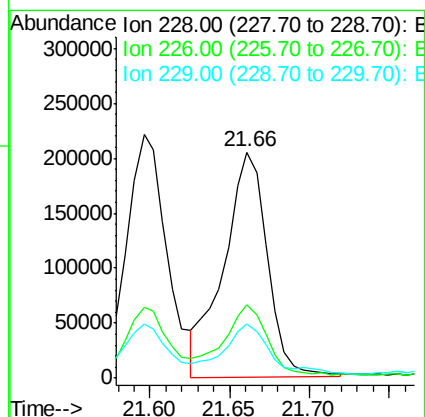
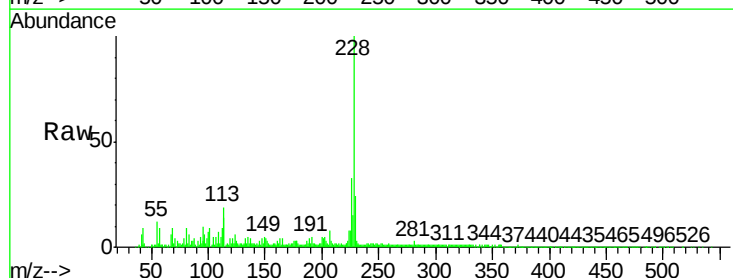
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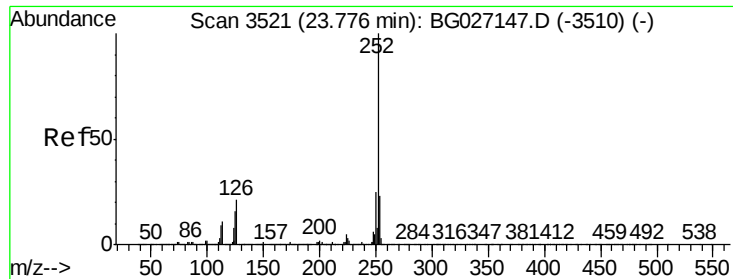
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#21
Chrysene
Concen: 9.14 ng/ul m
RT: 21.66 min Scan# 3161
Delta R.T. 0.01 min
Lab File: BG027154.D
Acq: 25 May 2017 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	391502		
226	32.6	24.5	36.7	
229	24.1	15.8	23.8	





#23

Benzo(b)fluoranthene

Concen: 13.01 ng/ul

RT: 23.79 min Scan# 3524

Delta R.T. 0.02 min

Lab File: BG027154.D

Acq: 25 May 2017 7:56

Instrument :

BNA_G

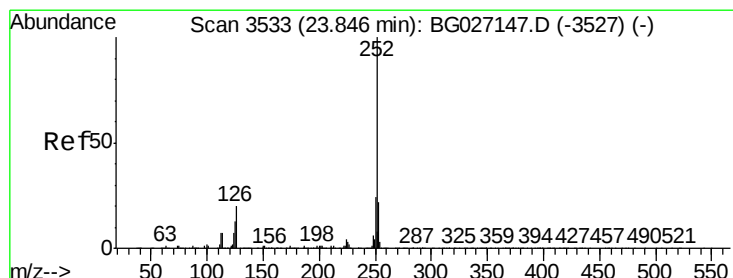
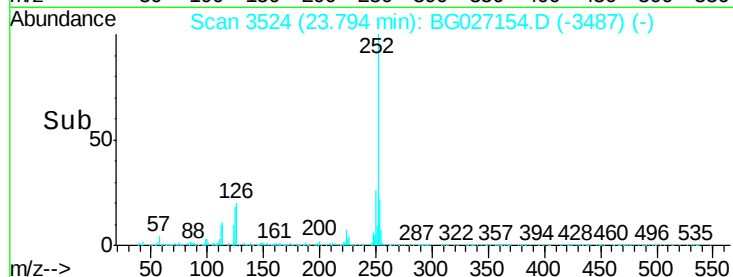
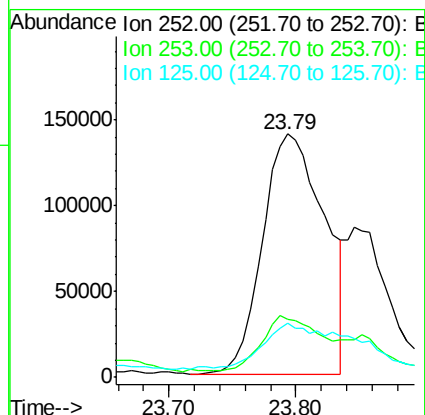
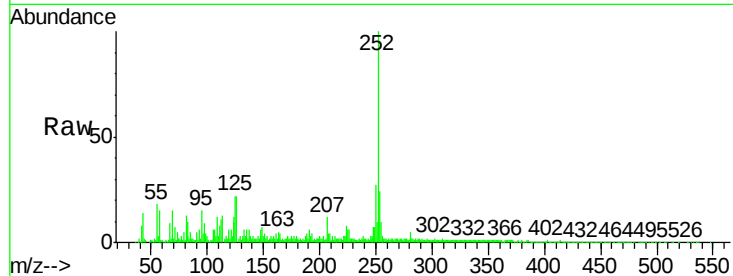
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	475296		
253	23.9	18.0	27.0	
125	22.1	8.0	12.0	

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#24

Benzo(k)fluoranthene

Concen: 5.87 ng/ul m

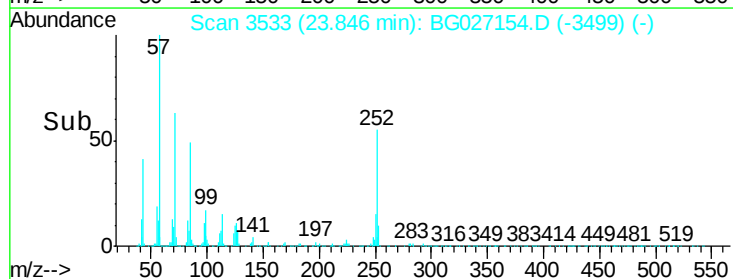
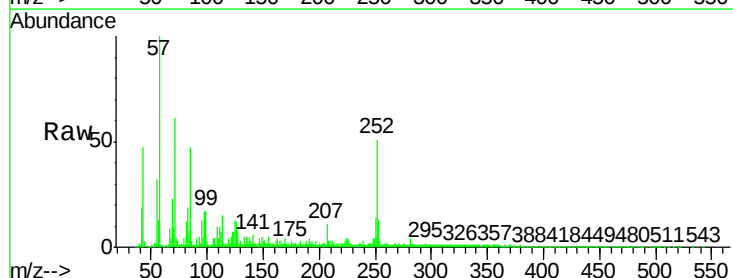
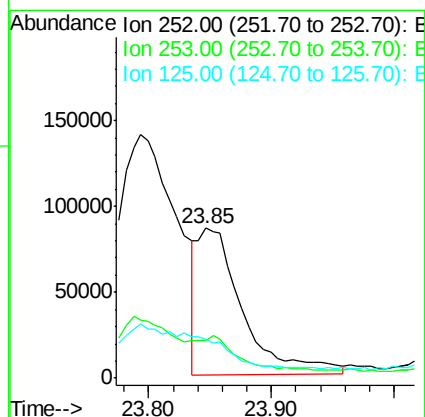
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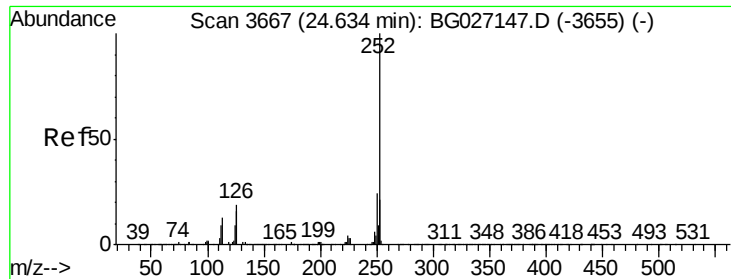
Delta R.T. 0.00 min

Lab File: BG027154.D

Acq: 25 May 2017 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	220664		
253	25.1	18.0	27.0	
125	26.0	8.1	12.1	





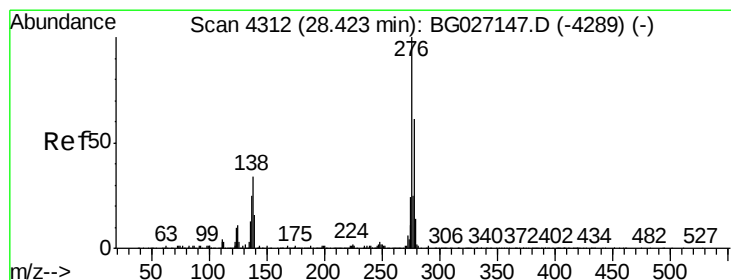
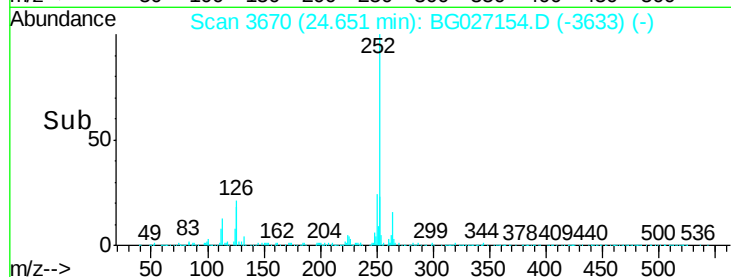
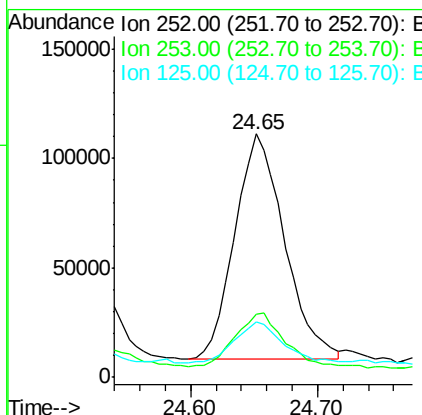
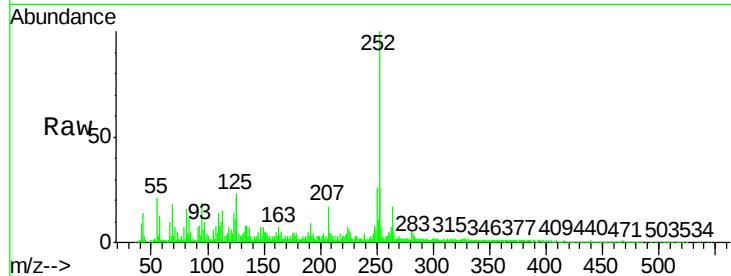
#26
Benzo(a)pyrene
Concen: 7.80 ng/ul
RT: 24.65 min Scan# 3670
Delta R.T. 0.02 min
Lab File: BG027154.D
Acq: 25 May 2017 7:56

Instrument :
BNA_G
ClientSampleId :
DAC86

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	25.9	17.2	25.8#
125	22.7	8.2	12.4#

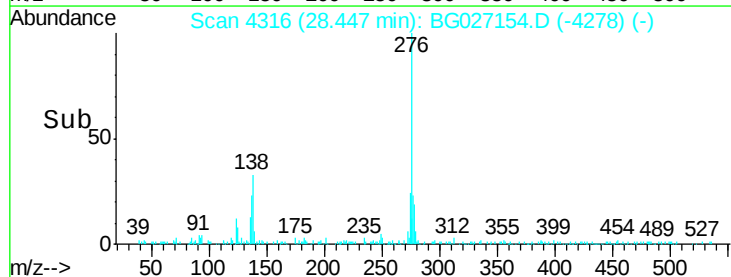
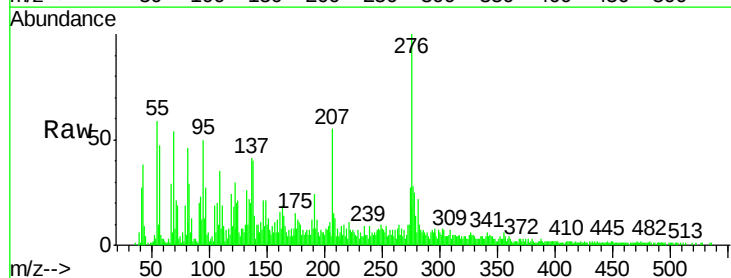
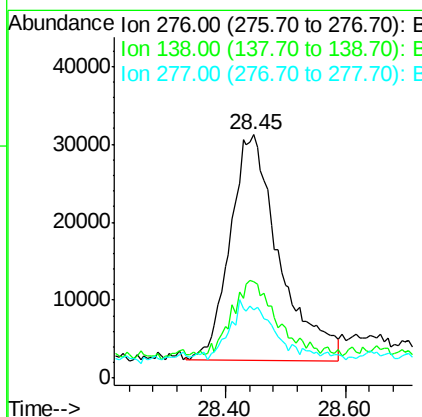
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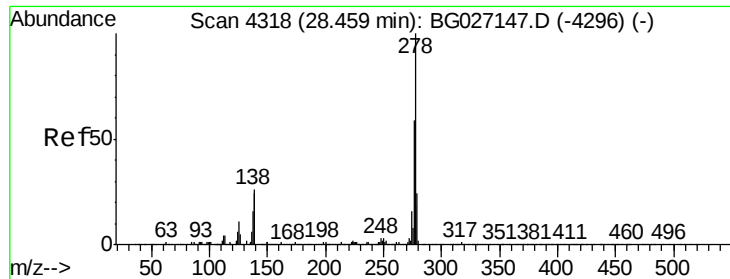
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#27
Indeno(1,2,3-cd)pyrene
Concen: 4.96 ng/ul m
RT: 28.45 min Scan# 4316
Delta R.T. 0.02 min
Lab File: BG027154.D
Acq: 25 May 2017 7:56

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	39.7	14.4	21.6#
277	28.3	18.0	27.0#





#28

Dibenzo(a,h)anthracene

Concen: 1.32 ng/ul m

RT: 28.45 min Scan# 4317

Delta R.T. -0.01 min

Lab File: BG027154.D

Acq: 25 May 2017 7:56

Instrument :

BNA_G

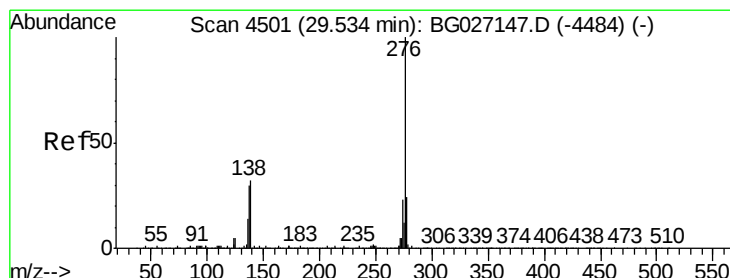
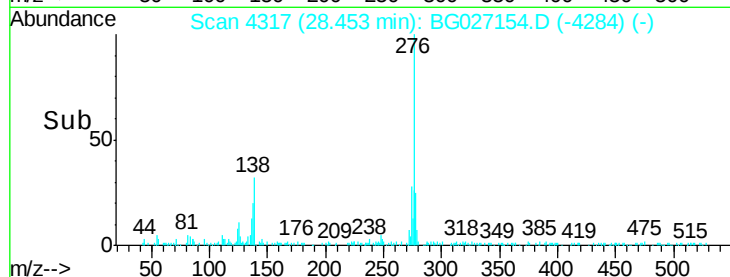
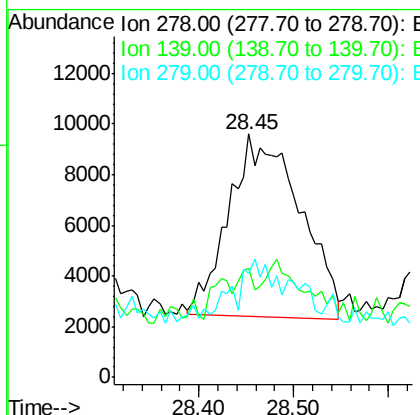
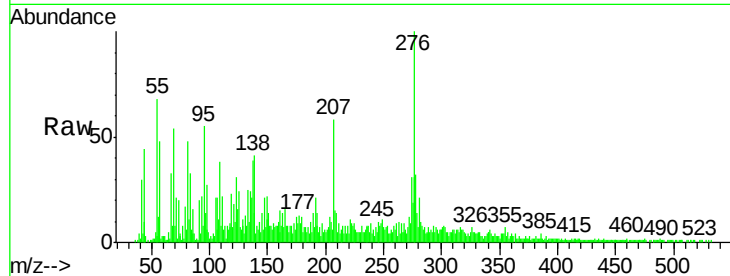
ClientSampleId :

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Tgt Ion:	278	Resp:	37491
Ion Ratio	Lower	Upper	
278	100		
139	44.7	12.2	18.4#
279	42.7	19.2	28.8#

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#29

Benzo(g,h,i)perylene

Concen: 4.30 ng/ul m

RT: 29.58 min Scan# 4509

Delta R.T. 0.05 min

Lab File: BG027154.D

Acq: 25 May 2017 7:56

Tgt Ion:	276	Resp:	112382
Ion Ratio	Lower	Upper	
276	100		
138	38.7	15.3	22.9#
277	29.4	19.0	28.4#

