

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
 Data File : BG018366.D
 Acq On : 10 Aug 2015 22:50
 Operator : UM/MA
 Sample : G3109-04DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 C01P5DL

Manual Integrations
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apatel
 8/11/2015 9:13:19 AM

Quant Time: Aug 11 03:58:22 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 11 01:39:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	111600	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	513402	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.66	164	310793	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	668361	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	564933	20.00	ng/ul	0.01
86) Perylene-d12	24.90	264	571199	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.20	99	25168	2.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	15724	2.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	19481	2.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	12757	1.50	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	10459	2.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	10526	2.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	19248	2.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	1289	0.13	ng/ul	0.01
44) Dimethylphthalate-d6	14.06	166	63719	2.44	ng/ul	0.00
47) Acenaphthylene-d8	14.35	160	79026	2.40	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	7432	1.58	ng/ul	0.00
58) Fluorene-d10	15.65	176	56435	2.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.50	188	77582m	2.43	ng/ul	0.00
79) Pyrene-d10	19.79	212	72300	2.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.67	264	69559	2.29	ng/ul	0.01

Target Compounds

						Qvalue
50) Acenaphthene	14.73	153	23229	1.00	ng/ul	93
59) Fluorene	15.70	166	28863	1.11	ng/ul#	90
70) Phenanthrene	17.45	178	607228	16.75	ng/ul	99
72) Anthracene	17.54	178	152060	4.11	ng/ul	96
75) Carbazole	17.80	167	33669	1.04	ng/ul	94
76) Di-n-butylphthalate	18.37	149	174188	4.12	ng/ul	99
77) Fluoranthene	19.46	202	1114223	28.77	ng/ul	99
80) Pyrene	19.82	202	970571	25.41	ng/ul	100
83) Benzo(a)anthracene	21.66	228	526996	15.05	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.57	149	79175	3.47	ng/ul#	90
85) Chrysene	21.72	228	469281	14.33	ng/ul	95
88) Benzo(b)fluoranthene	23.88	252	615862	17.16	ng/ul#	94
89) Benzo(k)fluoranthene	23.94	252	223741m	6.47	ng/ul	
91) Benzo(a)pyrene	24.74	252	429088	12.58	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	28.58	276	282994	7.17	ng/ul	94
93) Dibenzo(a,h)anthracene	28.61	278	59297m	1.81	ng/ul	
94) Benzo(g,h,i)perylene	29.73	276	247370m	7.46	ng/ul	

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

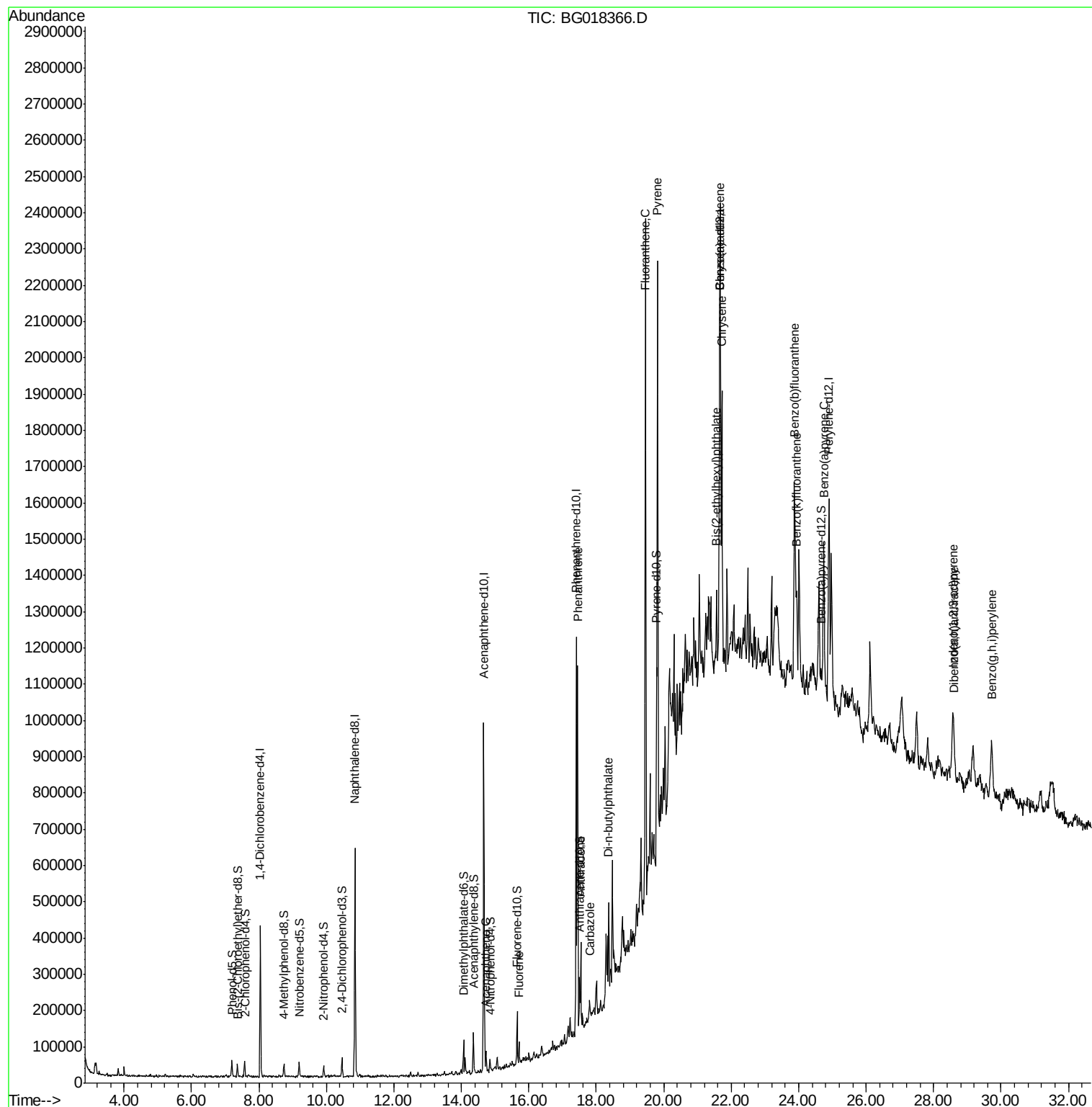
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018366.D
Acq On : 10 Aug 2015 22:50
Operator : UM/MA
Sample : G3109-04DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

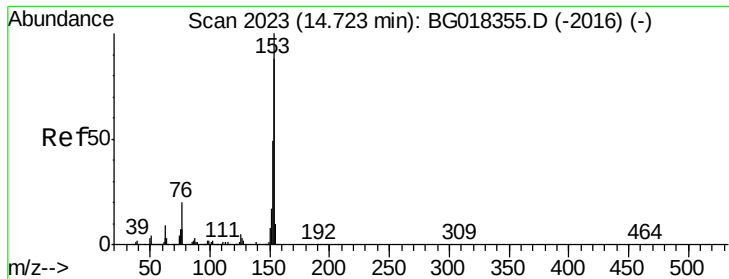
Instrument :
BNA_G
ClientSampleId :
C01P5DL

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Quant Time: Aug 11 03:58:22 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 11 01:39:57 2015
Response via : Initial Calibration





#50

Acenaphthene

Concen: 1.00 ng/ul

RT: 14.73 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BG018366.D

Acq: 10 Aug 2015 22:50

Instrument :

BNA_G

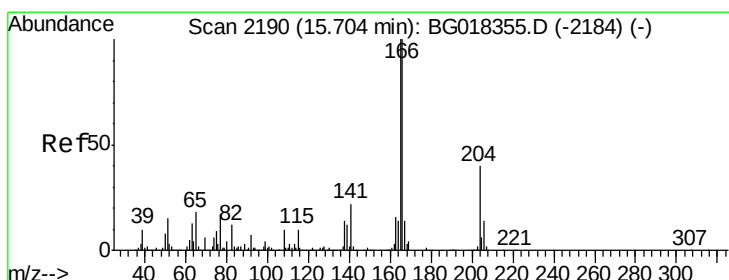
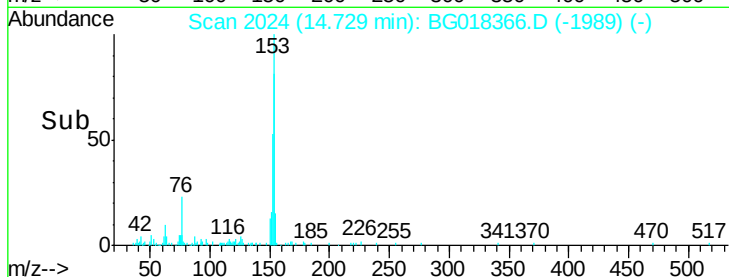
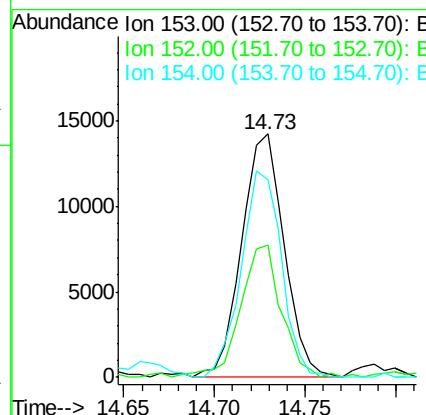
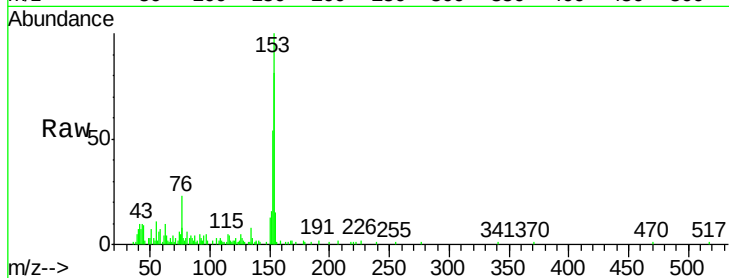
ClientSampleId :

C01P5DL

Tgt Ion:	153	Resp:	23229
Ion Ratio	Lower	Upper	
153	100		
152	54.1	38.2	57.4
154	81.2	68.6	103.0

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#59

Fluorene

Concen: 1.11 ng/ul

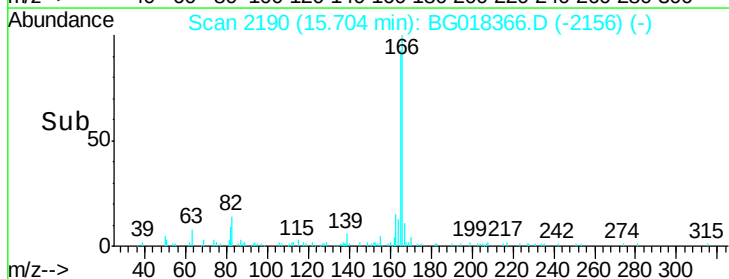
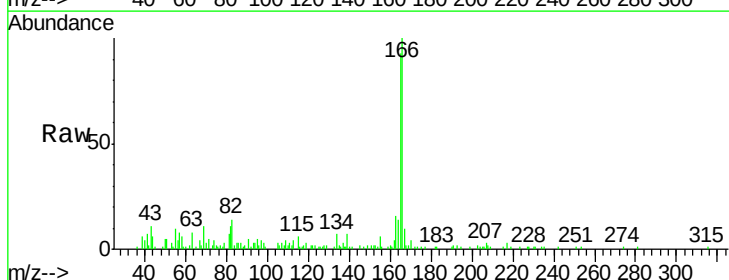
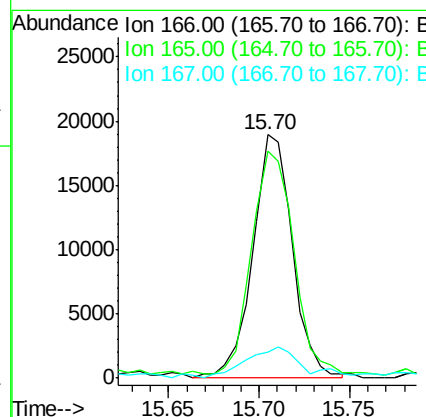
RT: 15.70 min Scan# 2190

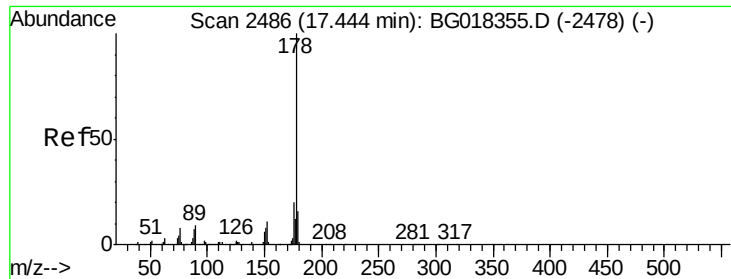
Delta R.T. 0.00 min

Lab File: BG018366.D

Acq: 10 Aug 2015 22:50

Tgt Ion:	166	Resp:	28863
Ion Ratio	Lower	Upper	
166	100		
165	93.0	82.6	124.0
167	10.5	11.4	17.0#





#70

Phenanthrene

Concen: 16.75 ng/ul

RT: 17.45 min Scan# 2487

Delta R.T. 0.01 min

Lab File: BG018366.D

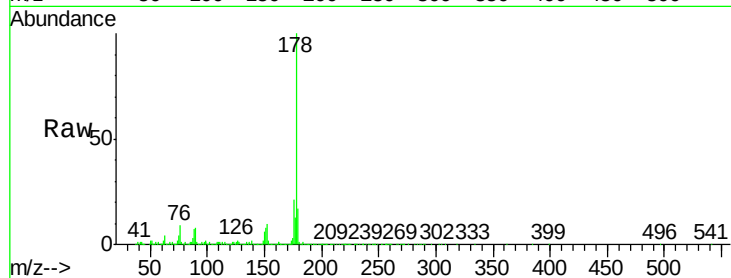
Acq: 10 Aug 2015 22:50

Instrument :

BNA_G

ClientSampled :

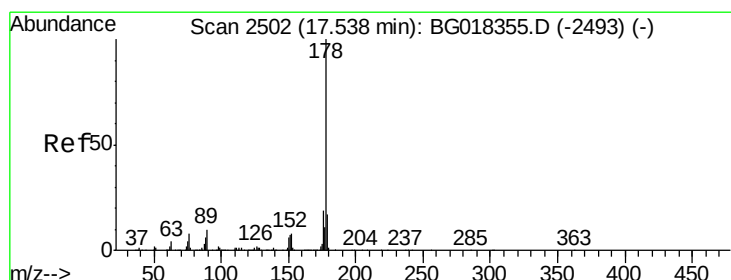
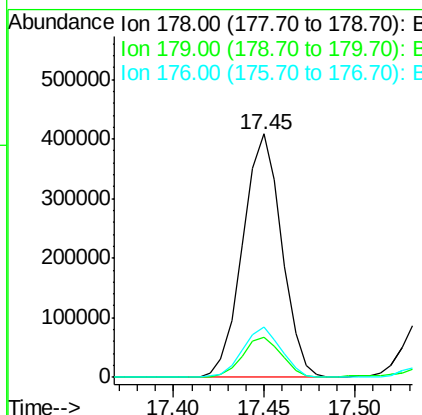
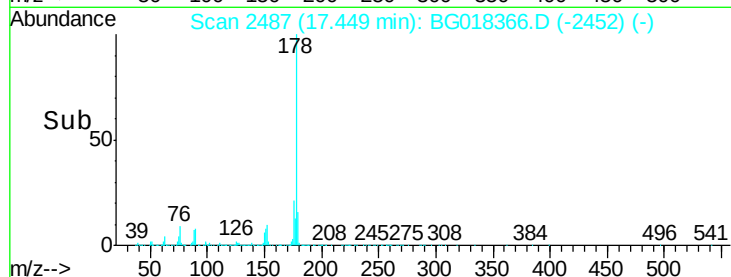
C01P5DL



Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.7	20.5
176	20.8	16.6	24.8

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#72

Anthracene

Concen: 4.11 ng/ul

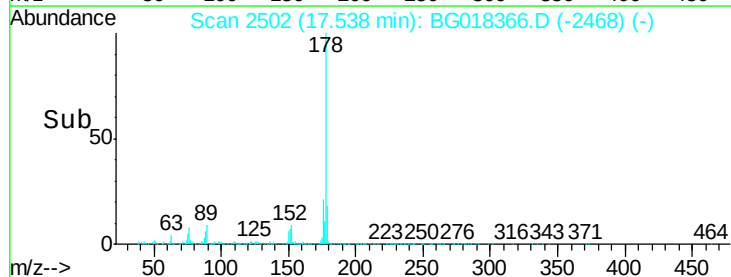
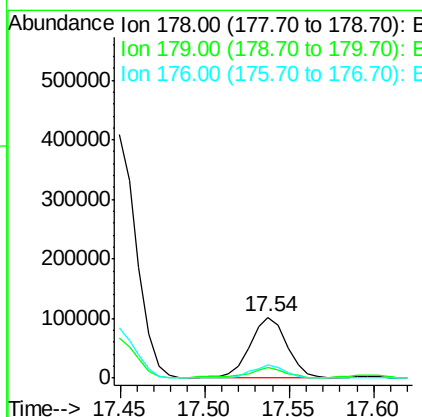
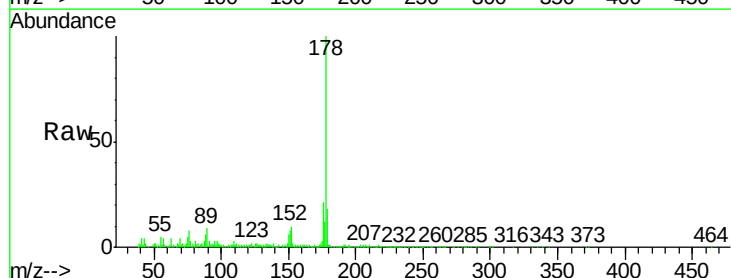
RT: 17.54 min Scan# 2502

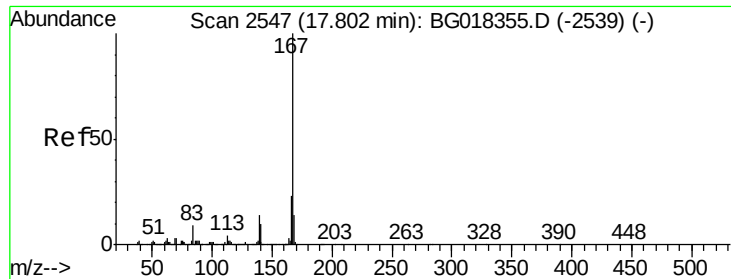
Delta R.T. 0.00 min

Lab File: BG018366.D

Acq: 10 Aug 2015 22:50

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.3	13.0	19.4
176	21.4	16.0	24.0





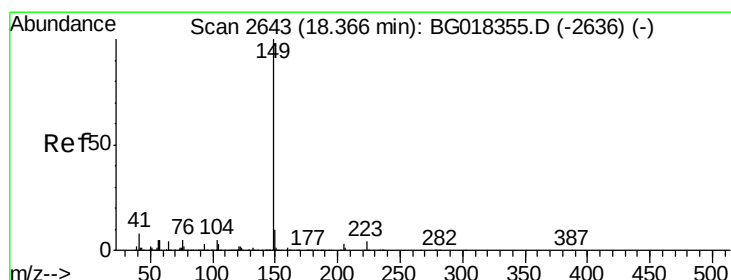
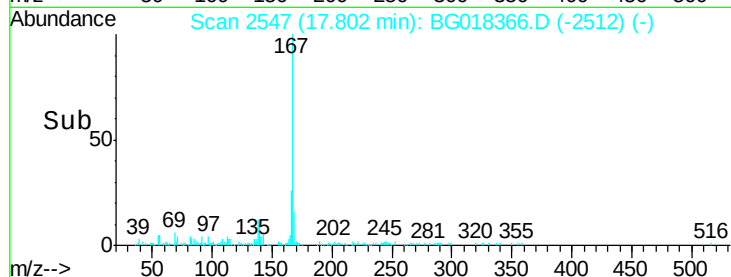
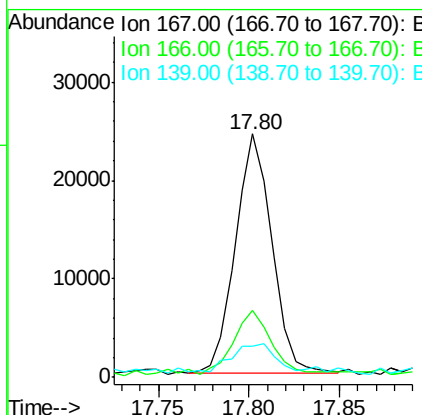
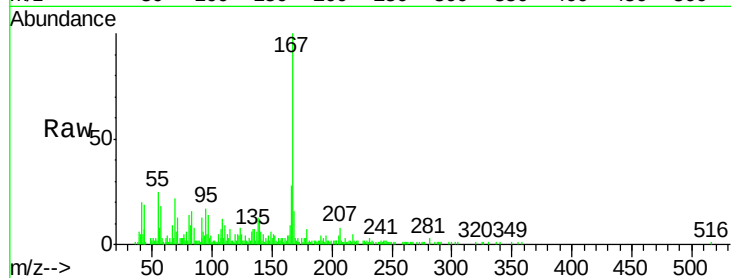
#75
 Carbazole
 Concen: 1.04 ng/ul
 RT: 17.80 min Scan# 2547
 Delta R.T. 0.01 min
 Lab File: BG018366.D
 Acq: 10 Aug 2015 22:50

Instrument :
 BNA_G
 ClientSampleId :
 C01P5DL

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	33669		
166	27.6		18.9	28.3
139	13.0		10.1	15.1

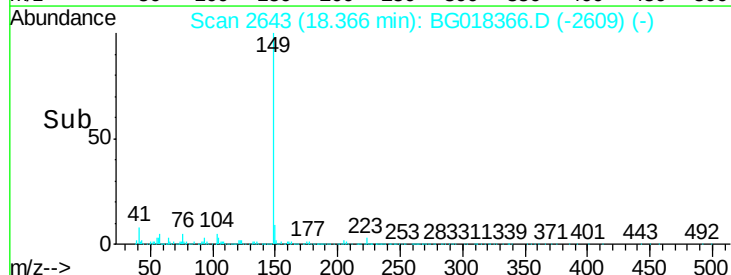
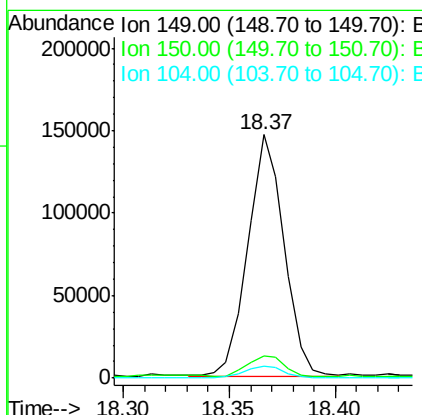
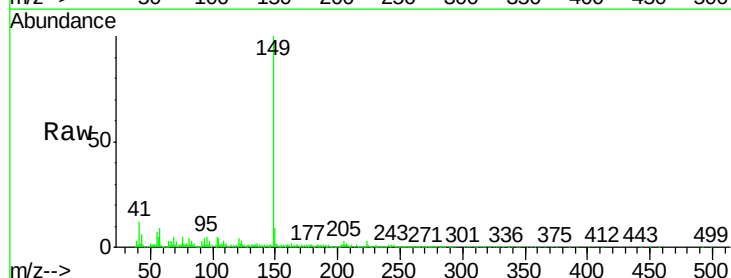
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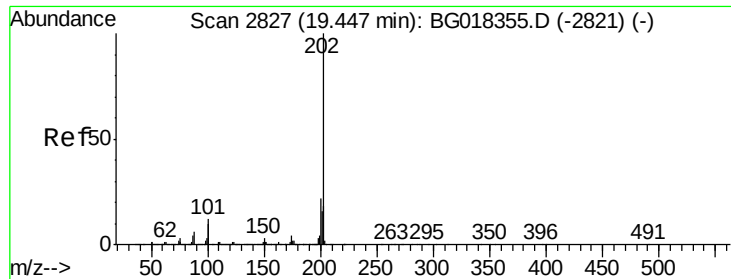
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#76
 Di-n-butylphthalate
 Concen: 4.12 ng/ul
 RT: 18.37 min Scan# 2643
 Delta R.T. 0.00 min
 Lab File: BG018366.D
 Acq: 10 Aug 2015 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	174188		
150	9.2		7.5	11.3
104	4.9		4.3	6.5





#77

Fluoranthene

Concen: 28.77 ng/ul

RT: 19.46 min Scan# 2829

Delta R.T. 0.01 min

Lab File: BG018366.D

Acq: 10 Aug 2015 22:50

Instrument :

BNA_G

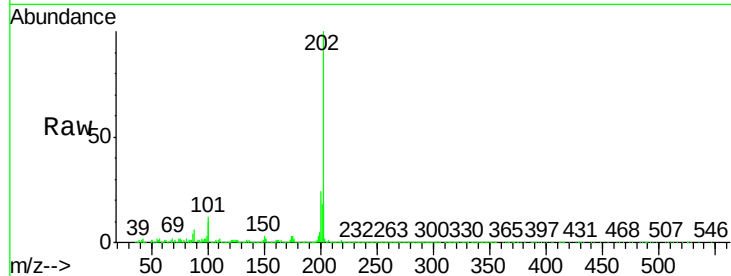
ClientSampleId :

C01P5DL

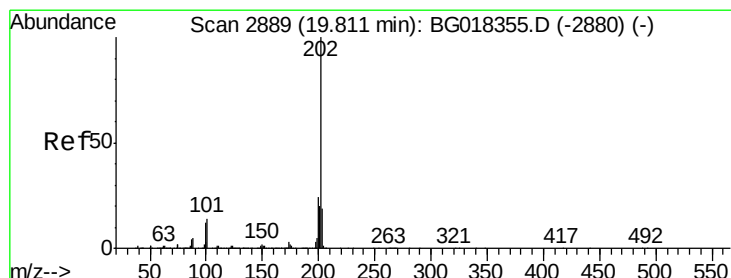
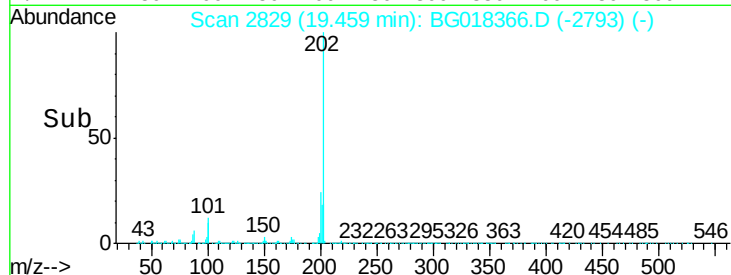
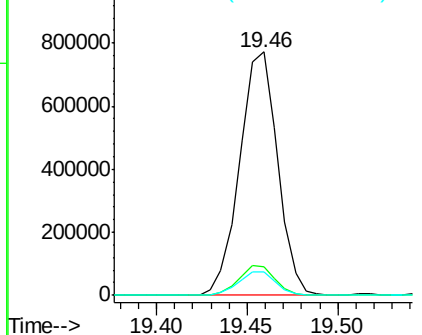
Tgt Ion:	202	Resp:	1114223
Ion Ratio	Lower	Upper	
202	100		
101	11.7	9.7	14.5
100	9.7	7.8	11.8

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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



#80

Pyrene

Concen: 25.41 ng/ul

RT: 19.82 min Scan# 2890

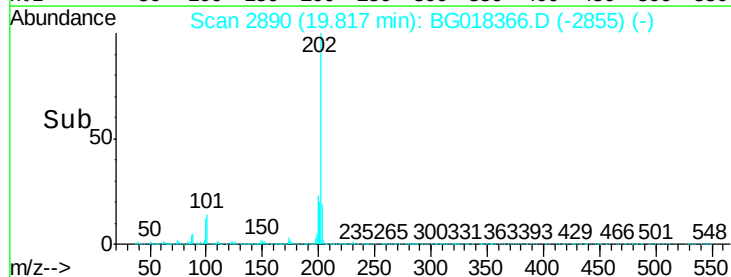
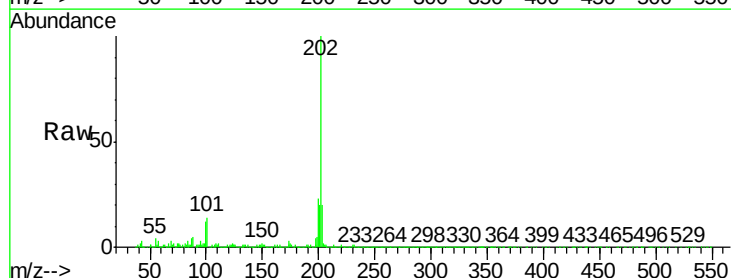
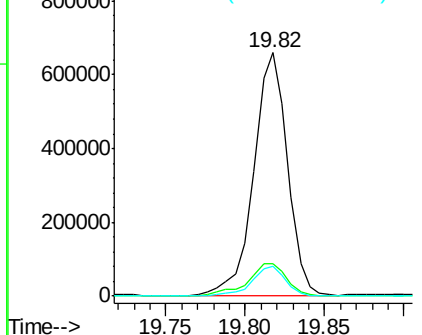
Delta R.T. 0.01 min

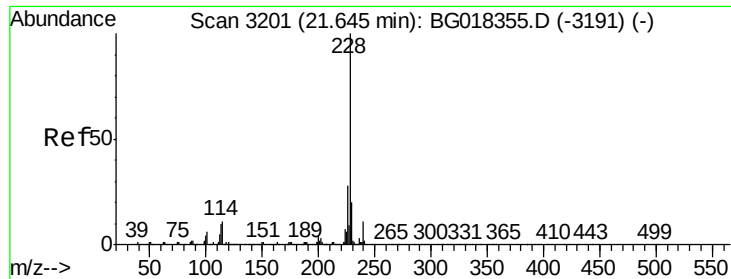
Lab File: BG018366.D

Acq: 10 Aug 2015 22:50

Tgt Ion:	202	Resp:	970571
Ion Ratio	Lower	Upper	
202	100		
101	13.5	11.0	16.4
100	12.4	9.8	14.6

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





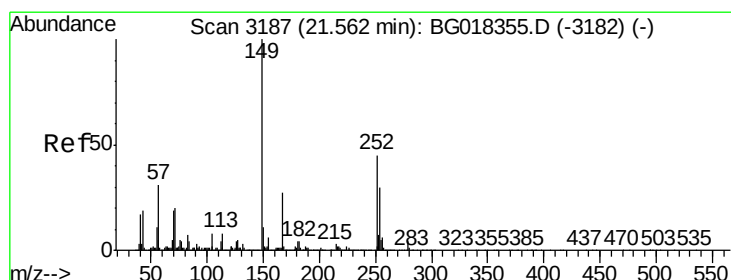
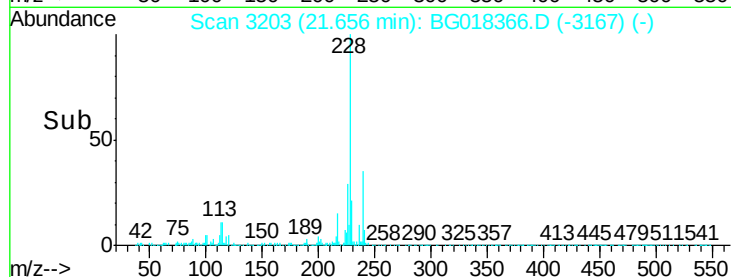
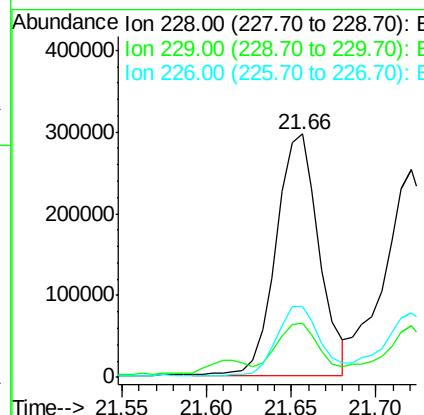
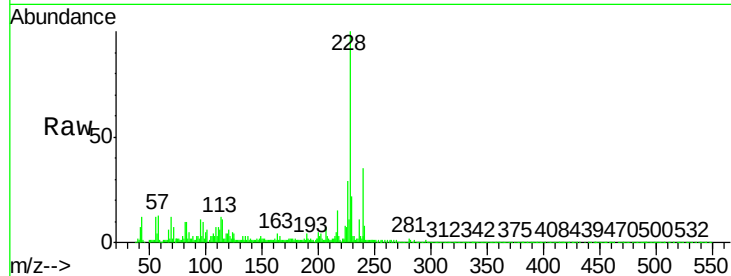
#83
 Benzo(a)anthracene
 Concen: 15.05 ng/ul
 RT: 21.66 min Scan# 3203
 Delta R.T. 0.01 min
 Lab File: BG018366.D
 Acq: 10 Aug 2015 22:50

Instrument :
 BNA_G
 ClientSampleId :
 C01P5DL

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	526996		
229	22.1	15.5	23.3	
226	29.3	22.1	33.1	

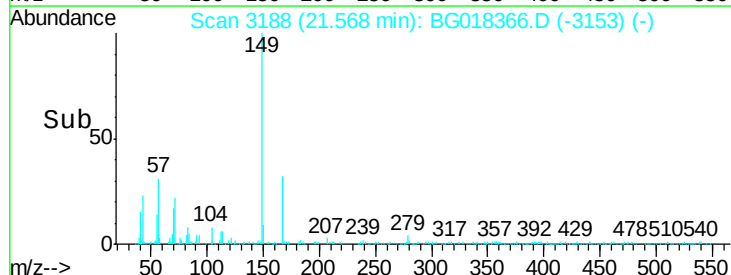
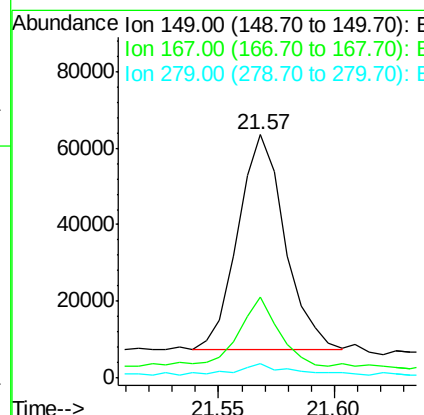
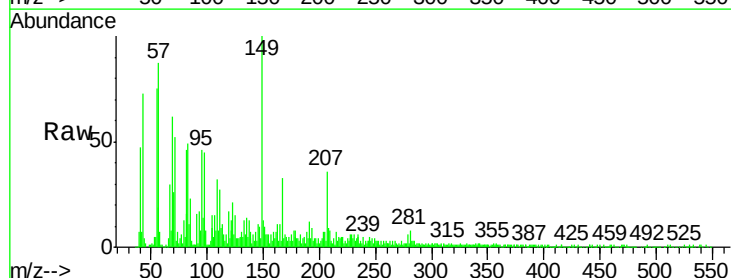
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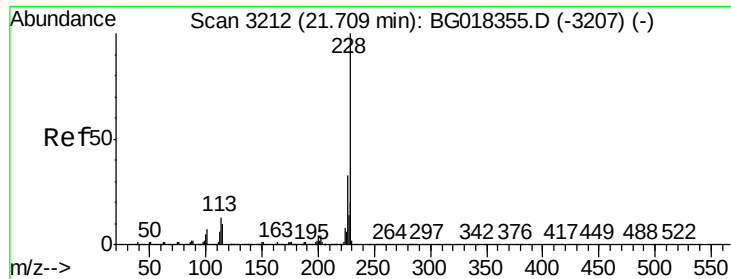
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.47 ng/ul
 RT: 21.57 min Scan# 3188
 Delta R.T. 0.01 min
 Lab File: BG018366.D
 Acq: 10 Aug 2015 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	79175		
167	33.0	22.2	33.2	
279	5.8	2.8	4.2#	





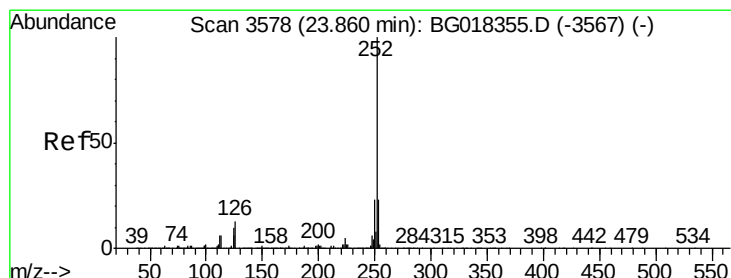
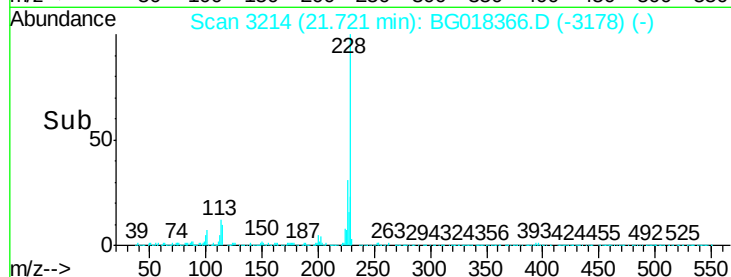
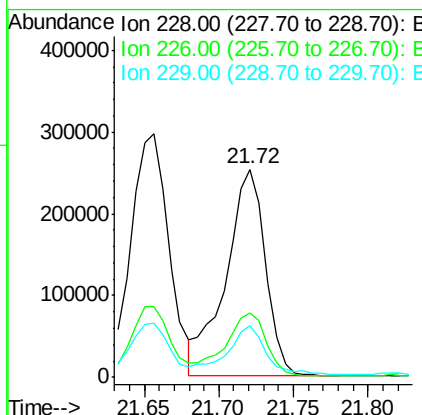
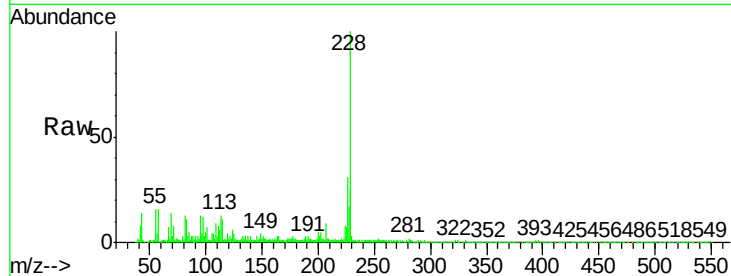
#85
Chrysene
Concen: 14.33 ng/ul
RT: 21.72 min Scan# 3214
Delta R.T. 0.01 min
Lab File: BG018366.D
Acq: 10 Aug 2015 22:50

Instrument :
BNA_G
ClientSampleId :
C01P5DL

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	469281		
226	31.0	26.5	39.7	
229	24.5	16.9	25.3	

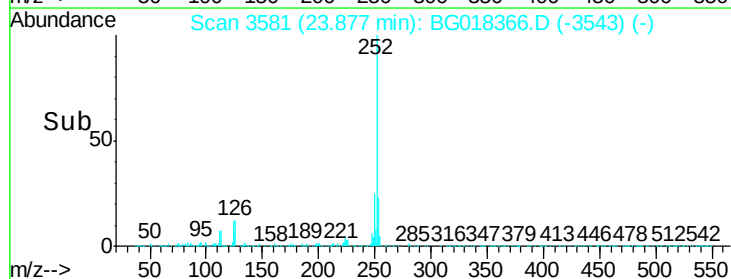
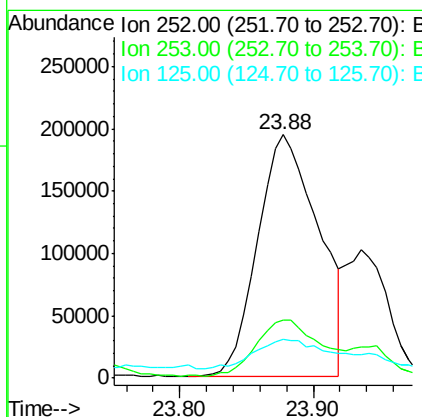
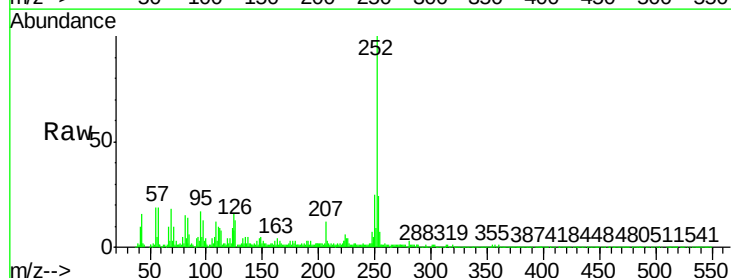
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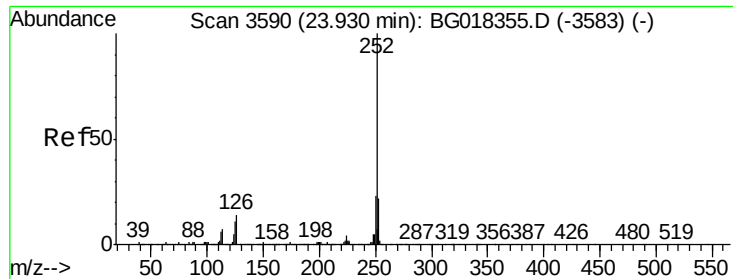
apatel
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#88
Benzo(b)fluoranthene
Concen: 17.16 ng/ul
RT: 23.88 min Scan# 3581
Delta R.T. 0.03 min
Lab File: BG018366.D
Acq: 10 Aug 2015 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	615862		
253	23.7	18.1	27.1	
125	16.2	8.3	12.5#	





#89

Benzo(k)fluoranthene

Concen: 6.47 ng/ul m

RT: 23.94 min Scan# 3591

Delta R.T. 0.01 min

Lab File: BG018366.D

Acq: 10 Aug 2015 22:50

Instrument :

BNA_G

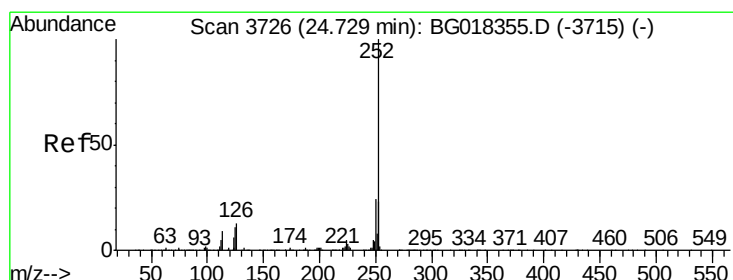
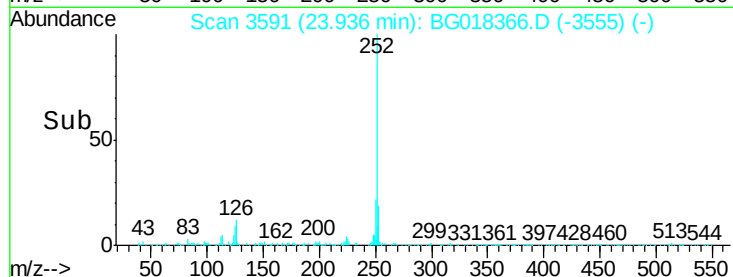
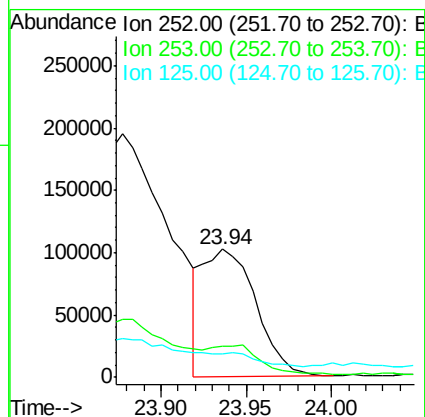
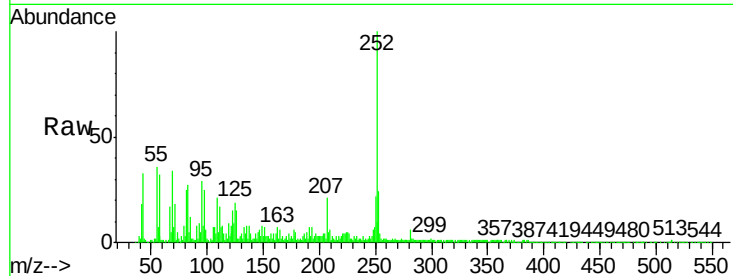
ClientSampled :

C01P5DL

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		223741		
253	24.1	17.8	26.6		
125	18.6	9.0	13.4#		

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#91

Benzo(a)pyrene

Concen: 12.58 ng/ul

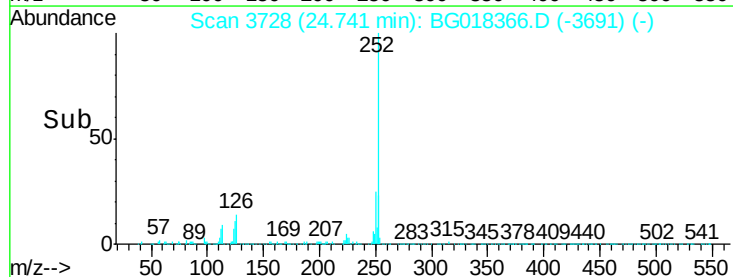
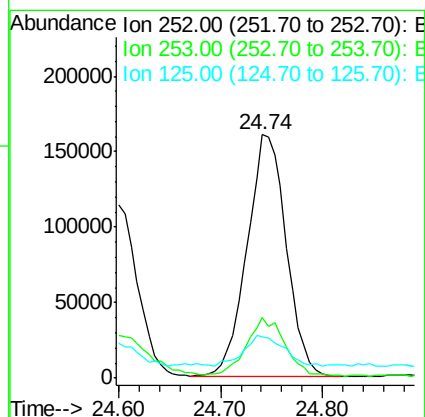
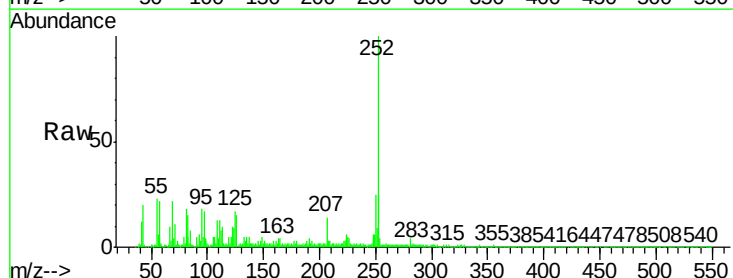
RT: 24.74 min Scan# 3728

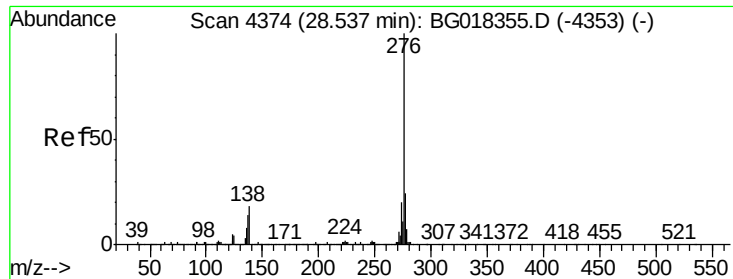
Delta R.T. 0.02 min

Lab File: BG018366.D

Acq: 10 Aug 2015 22:50

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		429088		
253	24.8	17.7	26.5		
125	16.8	10.2	15.2#		





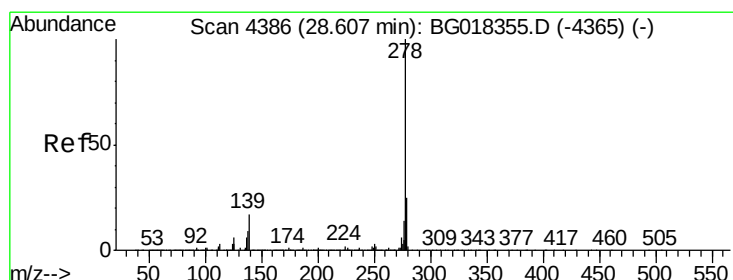
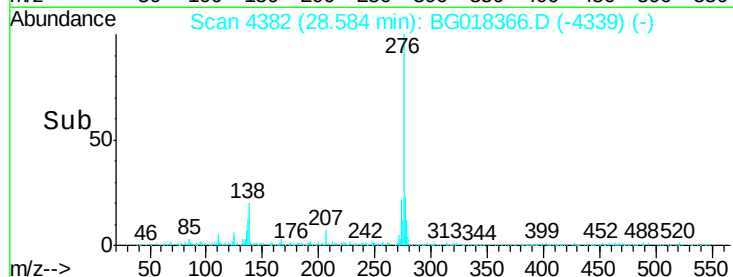
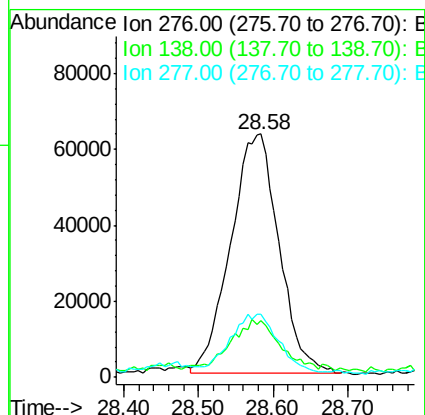
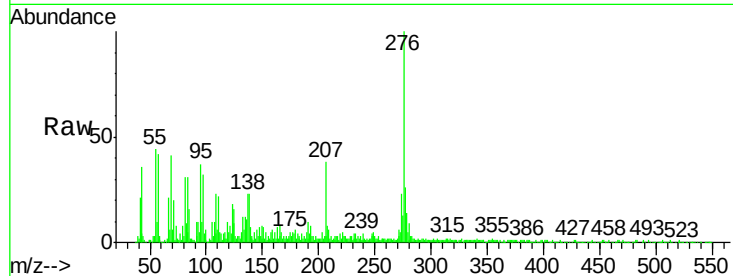
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 7.17 ng/ul
 RT: 28.58 min Scan# 4382
 Delta R.T. 0.06 min
 Lab File: BG018366.D
 Acq: 10 Aug 2015 22:50

Instrument :
 BNA_G
 ClientSampleId :
 C01P5DL

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	282994		
138	23.5	15.8	23.6	
277	25.7	18.9	28.3	

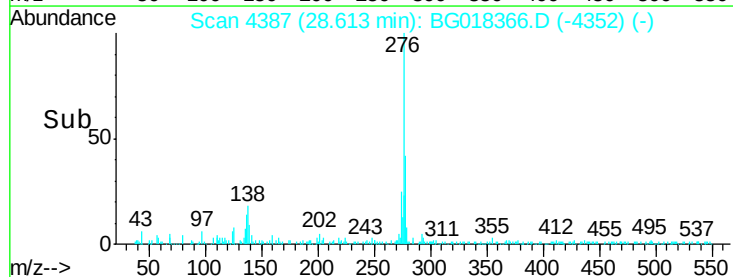
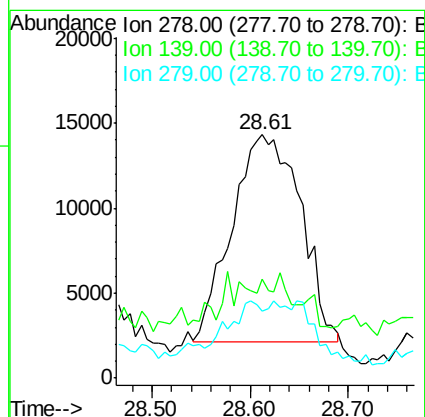
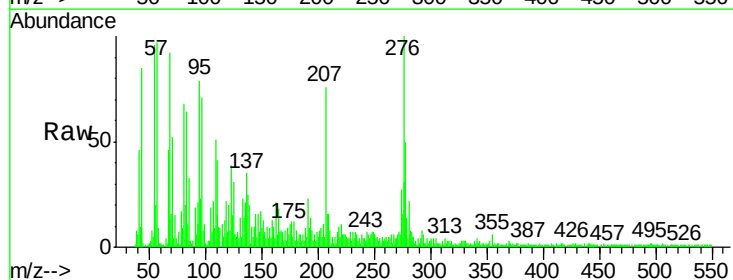
Manual Integrations
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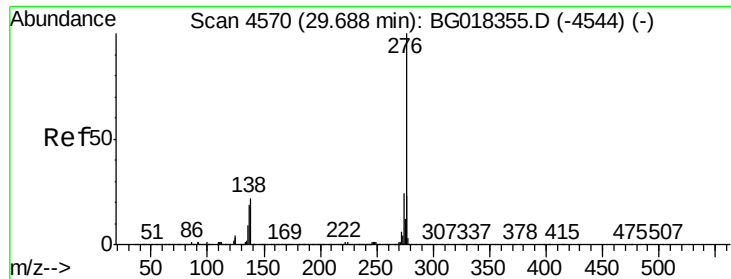
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#93
 Dibenzo(a,h)anthracene
 Concen: 1.81 ng/ul m
 RT: 28.61 min Scan# 4387
 Delta R.T. 0.01 min
 Lab File: BG018366.D
 Acq: 10 Aug 2015 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	59297		
139	40.5	13.8	20.6#	
279	27.6	17.8	26.8#	





#94

Benzo(g,h,i)perylene

Concen: 7.46 ng/ul m

RT: 29.73 min Scan# 4577

Delta R.T. 0.05 min

Lab File: BG018366.D

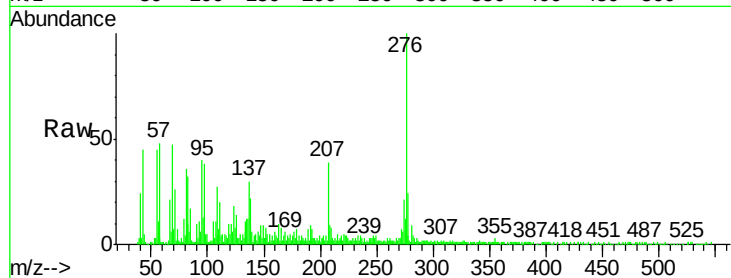
Acq: 10 Aug 2015 22:50

Instrument :

BNA_G

ClientSampleId :

C01P5DL



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	21.9	16.5	24.7	
277	24.2	19.0	28.6	

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