

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
 Data File : BG018288.D
 Acq On : 6 Aug 2015 1:32
 Operator : UM/TP
 Sample : G3109-14RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W2RE

Manual Integrations
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apatel
 8/10/2015 9:24:28 AM

Quant Time: Aug 06 05:37:26 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	40174	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	188373	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	115870	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	188378	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	143264	20.00	ng/ul	0.01
86) Perylene-d12	23.27	264	153867	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.91	96	1501	3.22	ng/uL	0.00
5) Phenol-d5	6.64	99	71270	22.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	39124	25.62	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	61183	23.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.18	113	54031	20.26	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	32446	22.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	41603	24.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	67558	21.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	36872	9.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.54	166	214070	23.89	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	215323	21.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	15712	10.63	ng/ul	0.02
58) Fluorene-d10	15.12	176	146668	18.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	9163	7.03	ng/ul	0.01
71) Anthracene-d10	16.98	188	153834	18.56	ng/ul	0.00
79) Pyrene-d10	19.30	212	106370	13.27	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.14	264	146824m	18.34	ng/ul	0.03

Target Compounds

					Ovalue	
28) Naphthalene	10.27	128	10909	1.23	ng/ul#	97
34) 2-Methylnaphthalene	11.90	142	7214	1.02	ng/ul	85
45) Dimethylphthalate	13.58	163	88638	9.91	ng/ul	97
50) Acenaphthene	14.18	153	12295	1.82	ng/ul	97
54) Dibenzofuran	14.52	168	10630	1.07	ng/ul	99
59) Fluorene	15.18	166	12070	1.38	ng/ul	97
70) Phenanthrene	16.93	178	159001	16.72	ng/ul	99
72) Anthracene	17.02	178	39728	4.19	ng/ul	97
75) Carbazole	17.30	167	14351	1.79	ng/ul#	85
76) Di-n-butylphthalate	17.87	149	275334	24.52	ng/ul	99
77) Fluoranthene	18.96	202	270711	25.67	ng/ul#	93
80) Pyrene	19.32	202	225298	22.62	ng/ul#	95
81) Butylbenzylphthalate	20.24	149	55761	14.43	ng/ul	99
83) Benzo(a)anthracene	21.09	228	142058	18.79	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.02	149	587913	126.45	ng/ul	98
85) Chrysene	21.13	228	147479m	21.71	ng/ul	
87) Di-n-octyl phthalate	21.89	149	199435	19.67	ng/ul	100
88) Benzo(b)fluoranthene	22.63	252	256157	27.14	ng/ul#	97
89) Benzo(k)fluoranthene	22.66	252	91029m	10.06	ng/ul	
91) Benzo(a)pyrene	23.18	252	169229	20.54	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.46	276	118775	11.65	ng/ul	97
93) Dibenzo(a,h)anthracene	25.47	278	34464	3.85	ng/ul#	82
94) Benzo(g,h,i)perylene	26.13	276	101393	12.26	ng/ul#	90

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

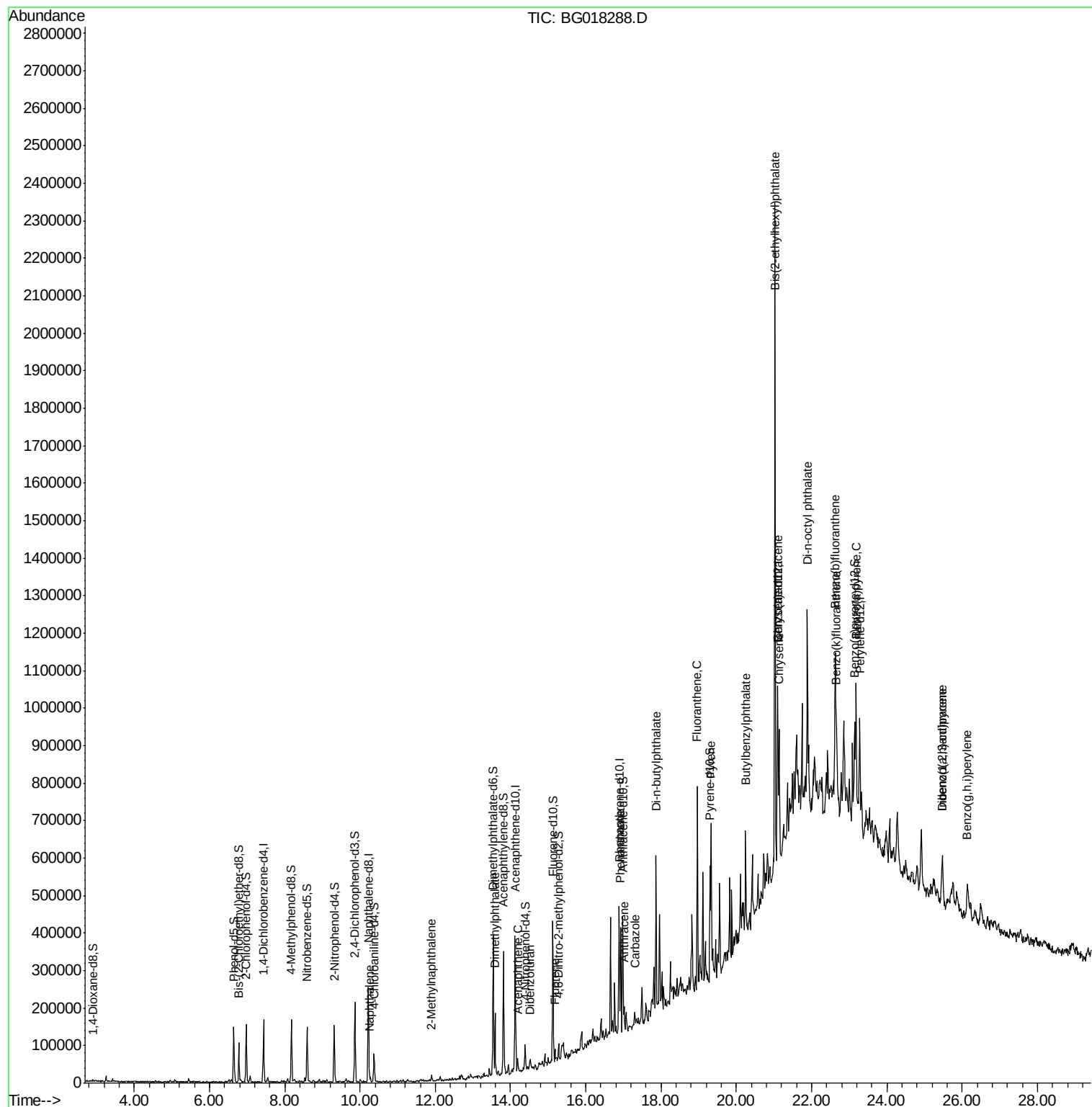
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
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Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

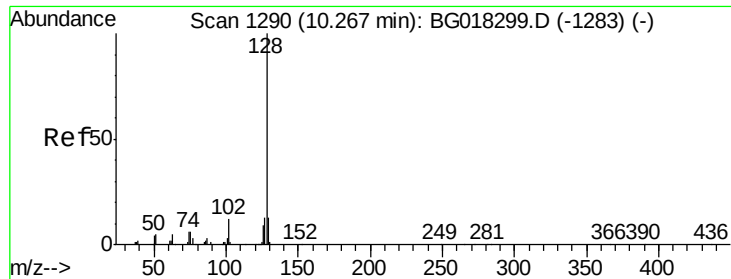
Instrument :
BNA_G
ClientSampled :
C01W2RE

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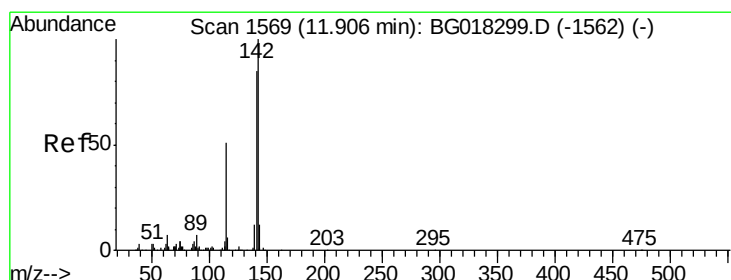
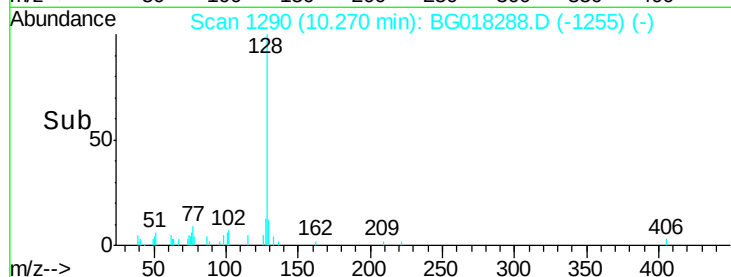
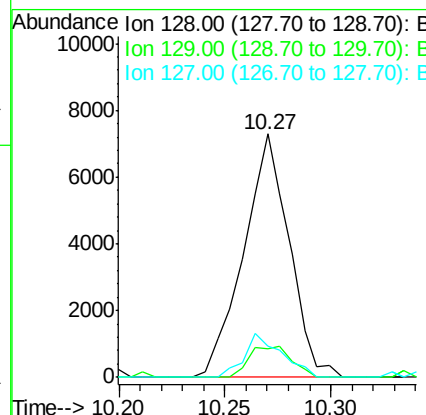
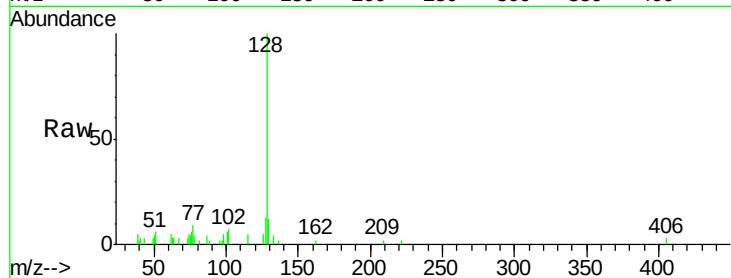
#28
Naphthalene
Concen: 1.23 ng/ul
RT: 10.27 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BG018288.D
Acq: 6 Aug 2015 1:32

Instrument :
BNA_G
ClientSampleId :
C01W2RE

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.9	7.8	11.6	
127	12.8	10.2	15.4	

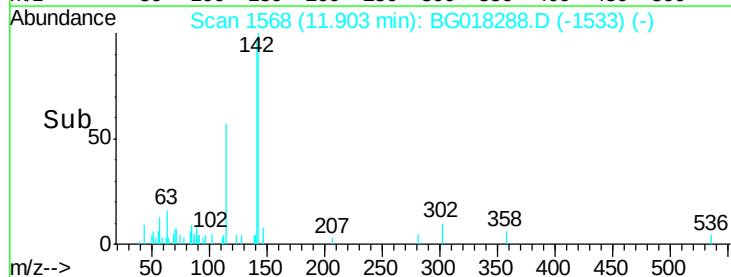
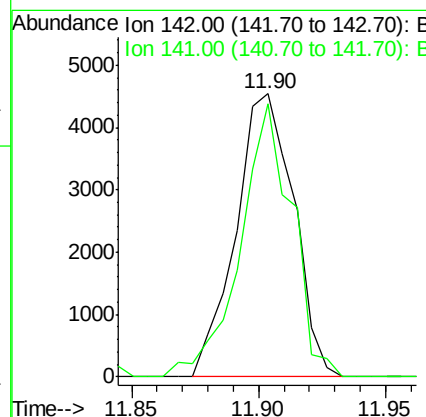
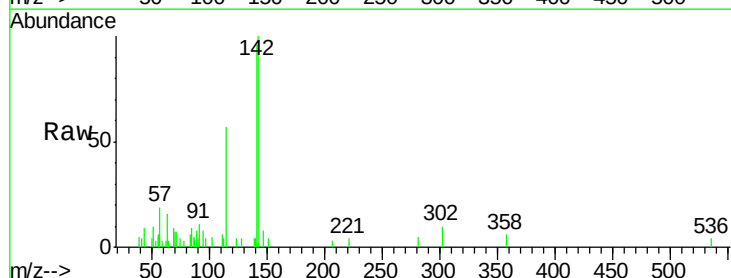
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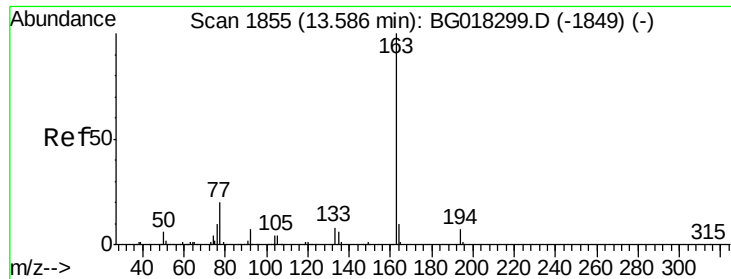
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#34
2-Methylnaphthalene
Concen: 1.02 ng/ul
RT: 11.90 min Scan# 1568
Delta R.T. 0.01 min
Lab File: BG018288.D
Acq: 6 Aug 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	96.3	65.9	98.9	





#45

Dimethylphthalate

Concen: 9.91 ng/ul

RT: 13.58 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BG018288.D

Acq: 6 Aug 2015 1:32

Instrument :

BNA_G

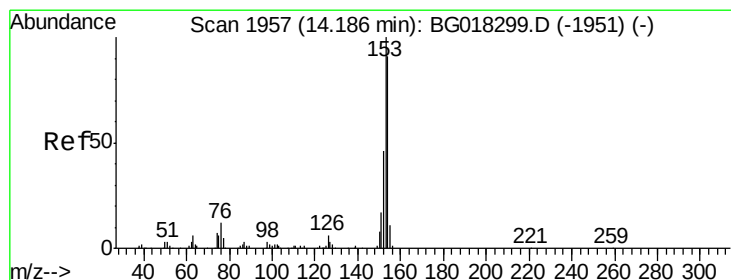
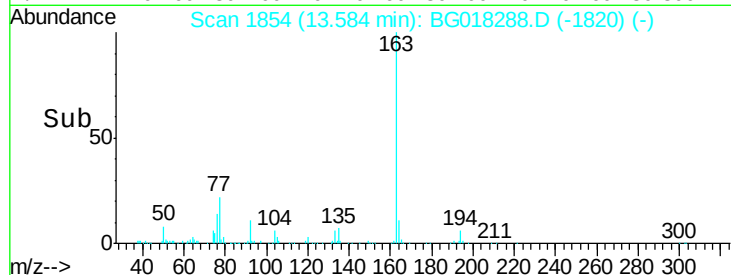
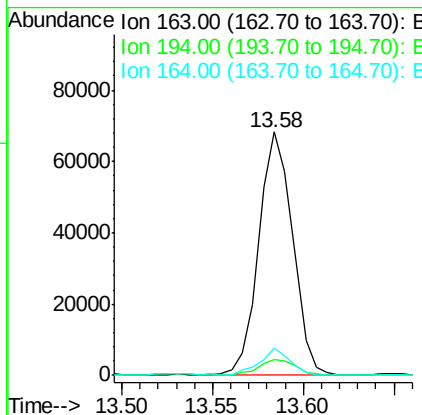
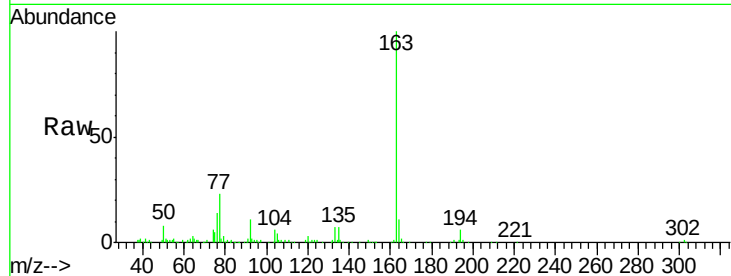
ClientSampleId :

C01W2RE

Tot Ion:	163	Resp:	88638
Ion Ratio		Lower	Upper
163	100		
194	6.4	5.4	8.2
164	11.1	7.8	11.8

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#50

Acenaphthene

Concen: 1.82 ng/ul

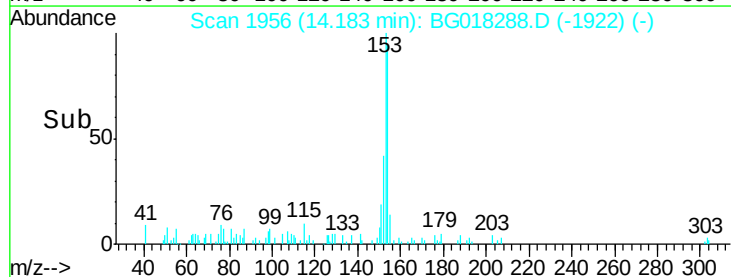
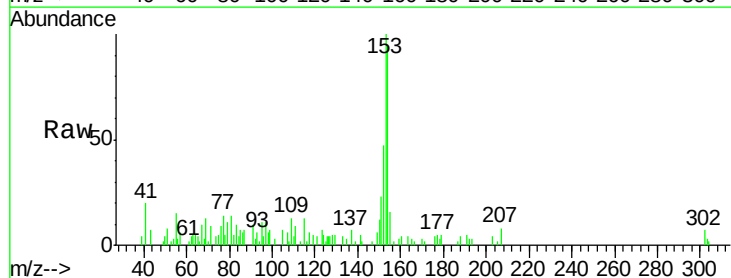
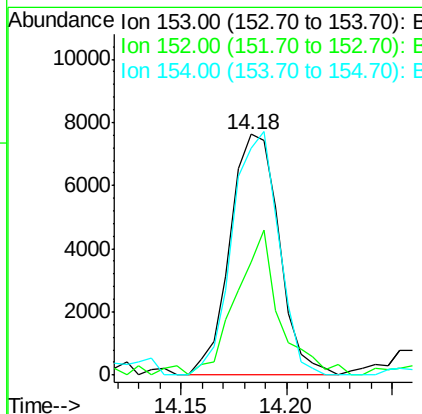
RT: 14.18 min Scan# 1956

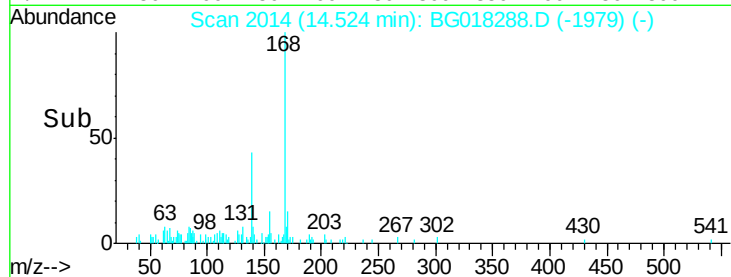
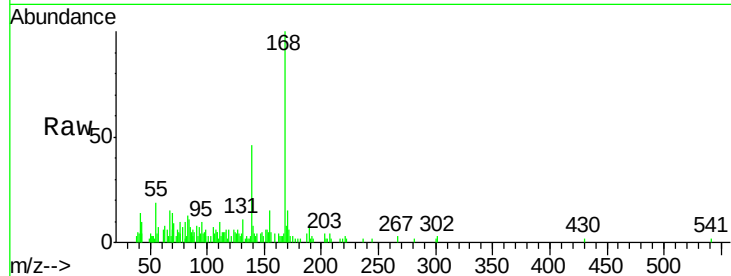
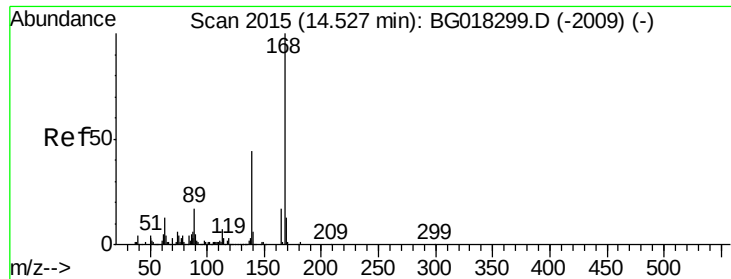
Delta R.T. 0.00 min

Lab File: BG018288.D

Acq: 6 Aug 2015 1:32

Tgt Ion:	153	Resp:	12295
Ion Ratio		Lower	Upper
153	100		
152	46.8	39.0	58.4
154	94.4	77.4	116.2





#54

Dibenzofuran

Concen: 1.07 ng/ul

RT: 14.52 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BG018288.D

Acq: 6 Aug 2015 1:32

Tot Ion:168 Resp: 10630

Ion Ratio Lower Upper

168 100

139 45.7 37.1 55.7

Instrument :

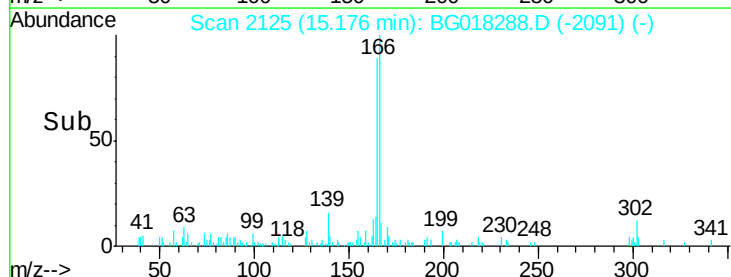
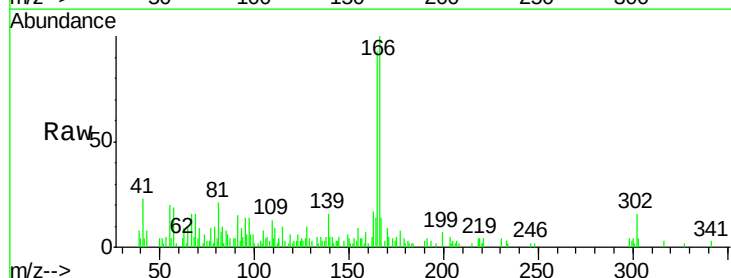
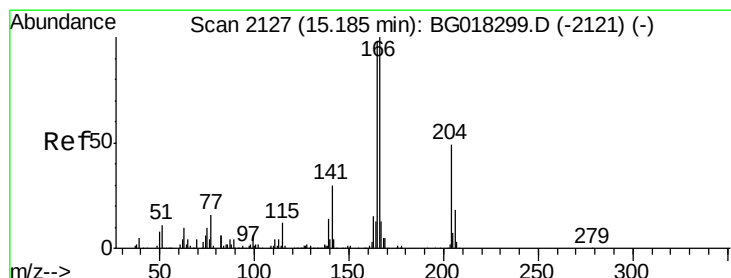
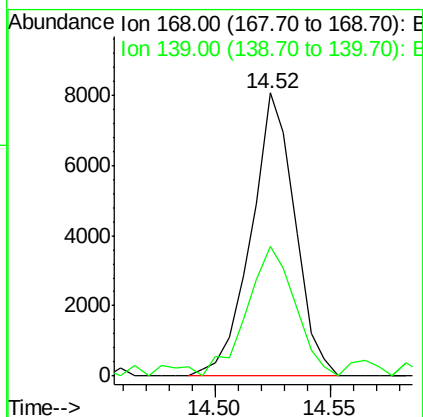
BNA_G

ClientSampleId :

C01W2RE

Manual Integrations
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#59

Fluorene

Concen: 1.38 ng/ul

RT: 15.18 min Scan# 2125

Delta R.T. 0.00 min

Lab File: BG018288.D

Acq: 6 Aug 2015 1:32

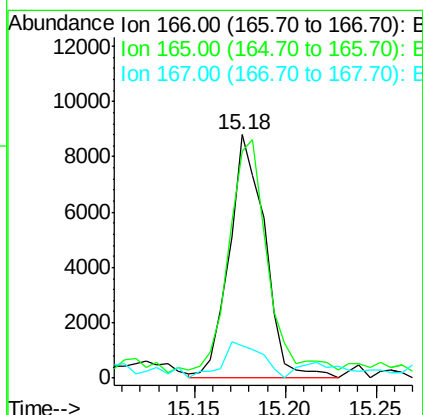
Tgt Ion:166 Resp: 12070

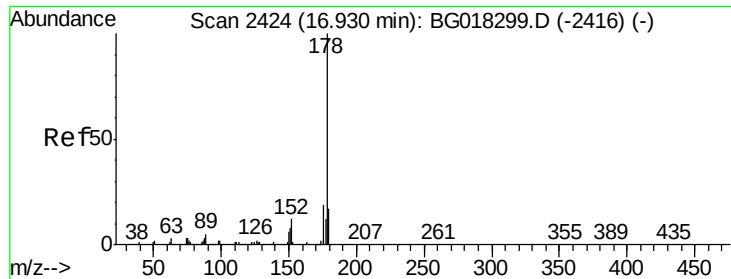
Ion Ratio Lower Upper

166 100

165 93.3 72.4 108.6

167 13.6 11.4 17.0





#70

Phenanthrene

Concen: 16.72 ng/ul

RT: 16.93 min Scan# 2423

Delta R.T. 0.01 min

Lab File: BG018288.D

Acq: 6 Aug 2015 1:32

Instrument :

BNA_G

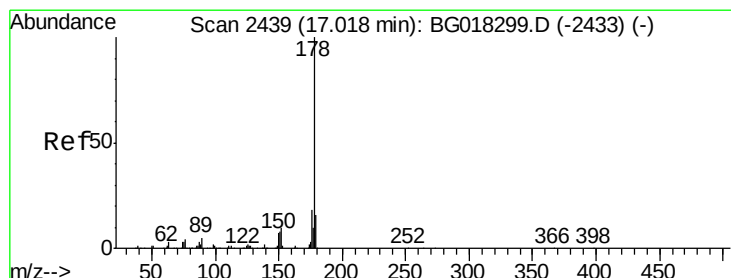
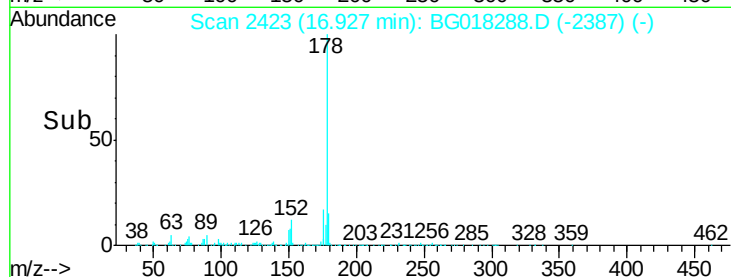
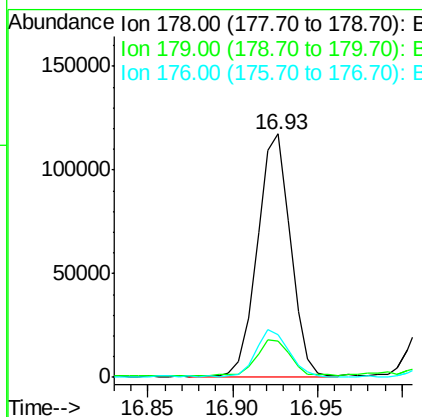
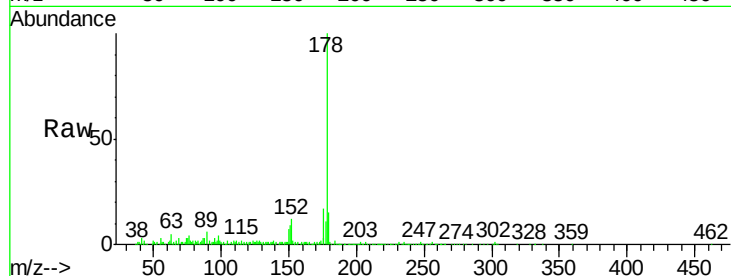
ClientSampleId :

C01W2RE

Tot Ion:	178	Resp:	159001
Ion Ratio	Lower	Upper	
178	100		
179	14.9	12.2	18.4
176	17.4	14.5	21.7

Manual Integrations
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#72

Anthracene

Concen: 4.19 ng/ul

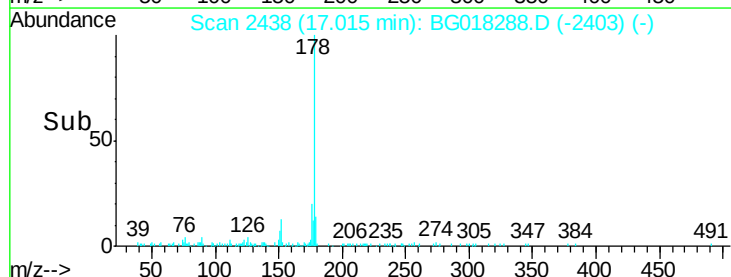
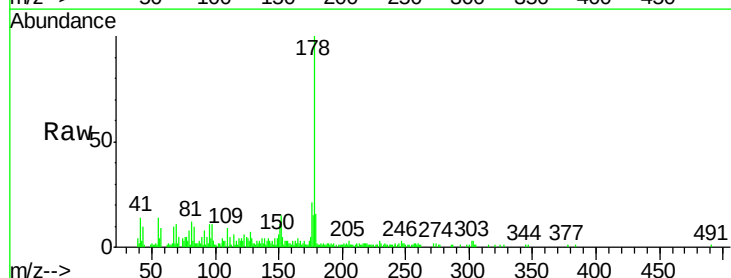
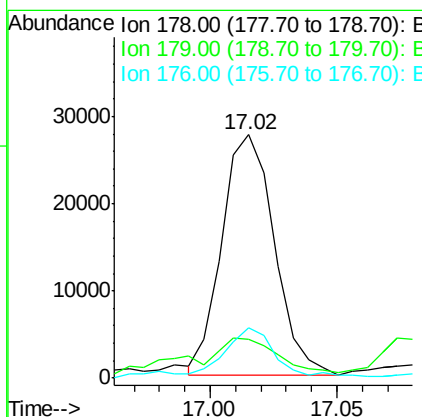
RT: 17.02 min Scan# 2438

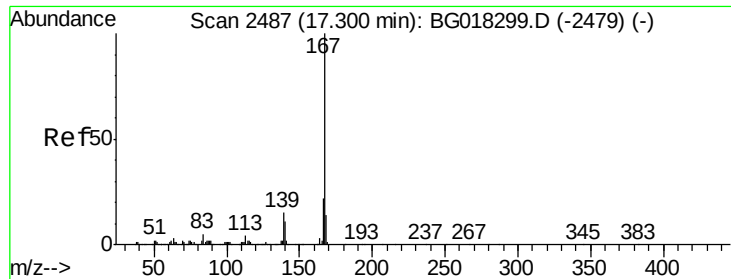
Delta R.T. 0.01 min

Lab File: BG018288.D

Acq: 6 Aug 2015 1:32

Tgt Ion:	178	Resp:	39728
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.2	18.4
176	20.8	15.3	22.9





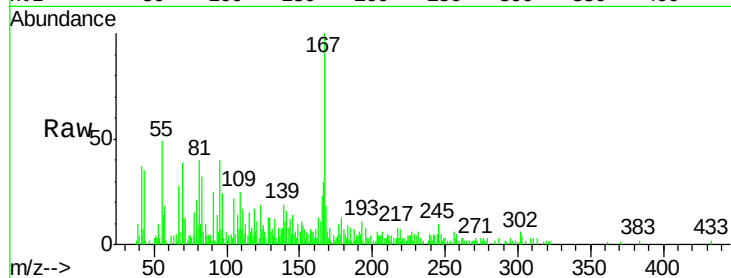
#75
 Carbazole
 Concen: 1.79 ng/ul
 RT: 17.30 min Scan# 2486
 Delta R.T. 0.01 min
 Lab File: BG018288.D
 Acq: 6 Aug 2015 1:32

Instrument :
 BNA_G
 ClientSampled :
 C01W2RE

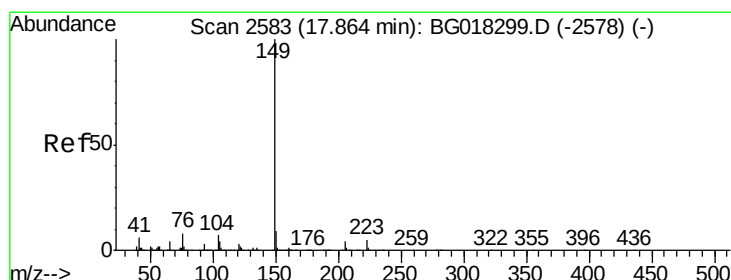
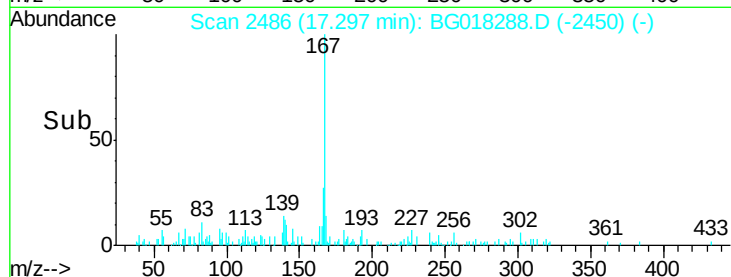
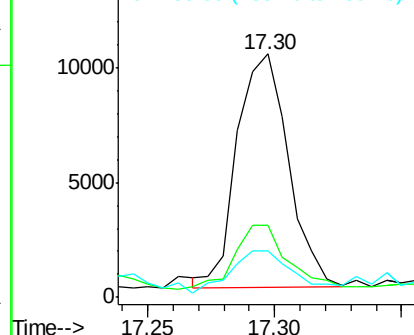
Tot Ion	Ratio	Lower	Upper
167	100		
166	29.7	17.8	26.8#
139	19.2	10.6	16.0#

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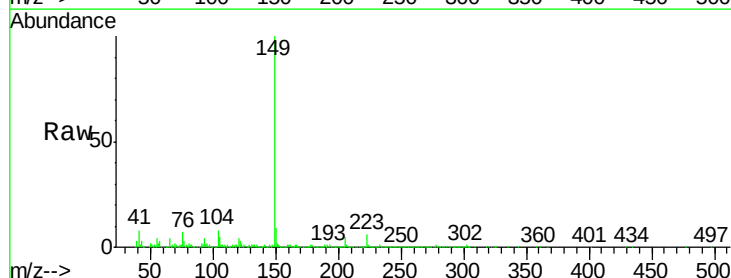


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

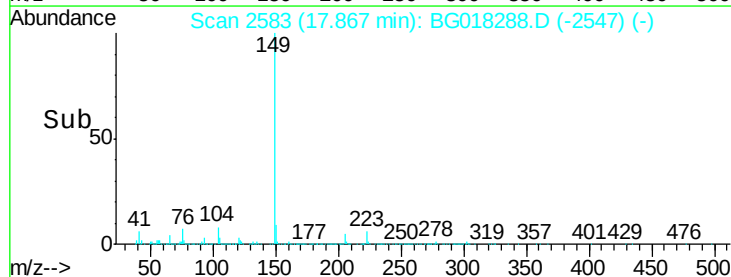
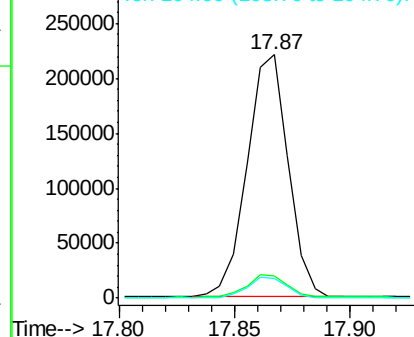


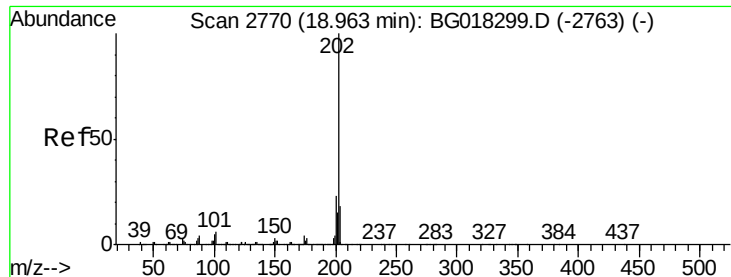
#76
 Di-n-butylphthalate
 Concen: 24.52 ng/ul
 RT: 17.87 min Scan# 2583
 Delta R.T. 0.01 min
 Lab File: BG018288.D
 Acq: 6 Aug 2015 1:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	8.0	5.5	8.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





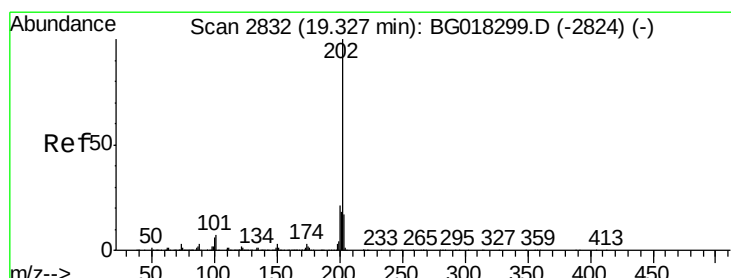
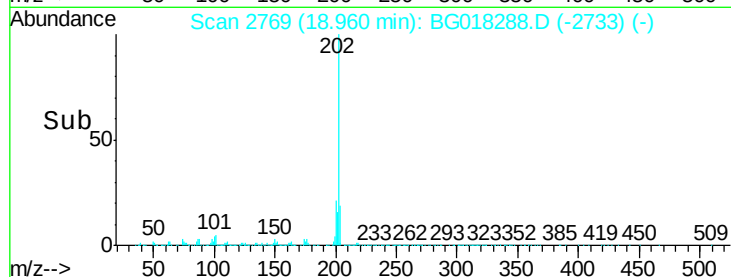
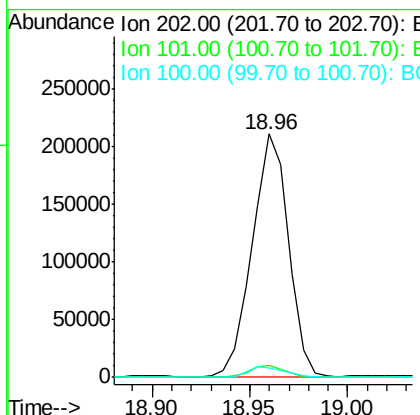
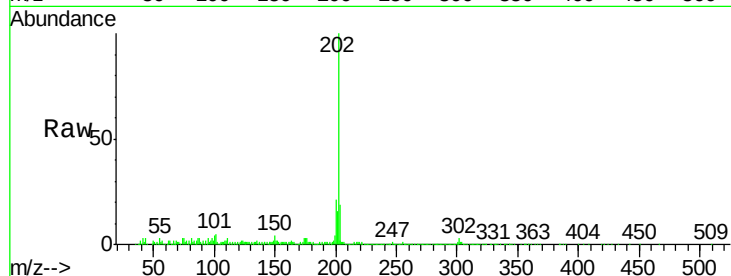
#77
 Fluoranthene
 Concen: 25.67 ng/ul
 RT: 18.96 min Scan# 2769
 Delta R.T. 0.01 min
 Lab File: BG018288.D
 Acq: 6 Aug 2015 1:32

Instrument :
 BNA_G
 ClientSampleId :
 C01W2RE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		270711		
101	5.0	6.2	9.2#		
100	3.8	4.6	6.8#		

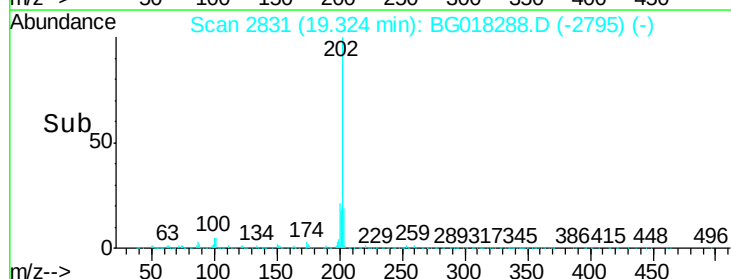
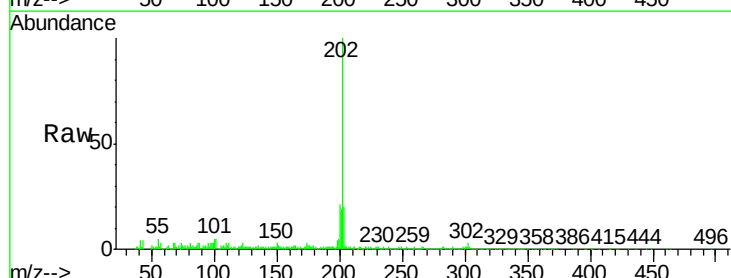
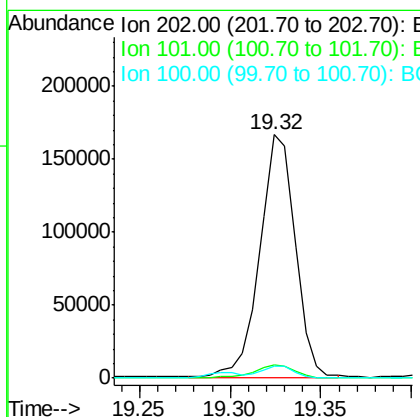
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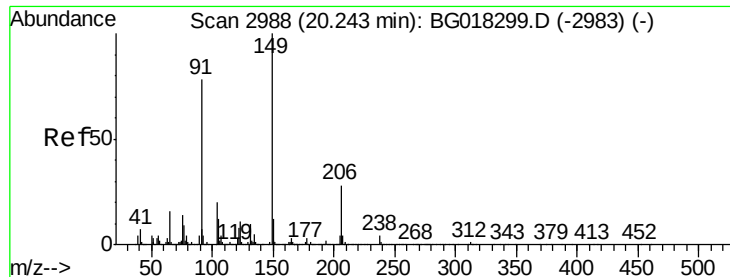
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#80
 Pyrene
 Concen: 22.62 ng/ul
 RT: 19.32 min Scan# 2831
 Delta R.T. 0.01 min
 Lab File: BG018288.D
 Acq: 6 Aug 2015 1:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		225298		
101	5.3	6.2	9.2#		
100	5.2	4.6	7.0		





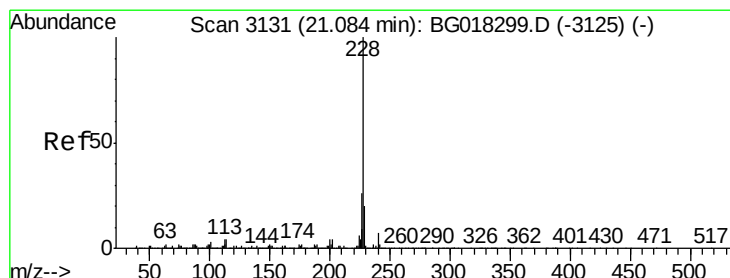
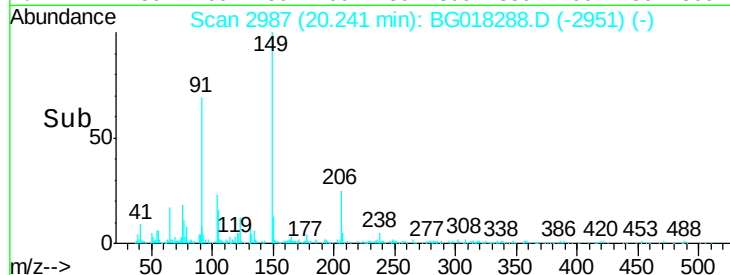
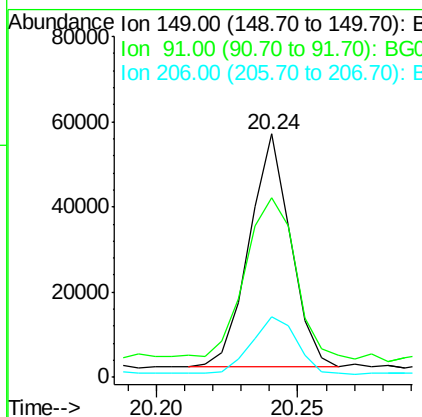
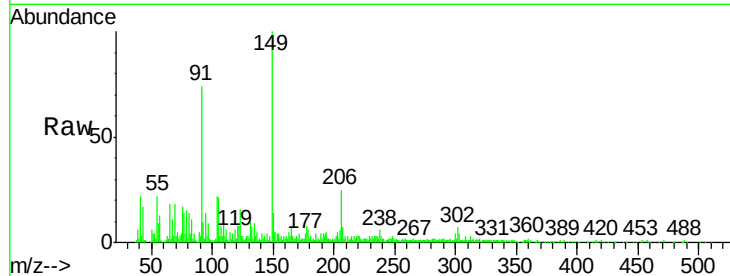
#81
Butylbenzylphthalate
Concen: 14.43 ng/ul
RT: 20.24 min Scan# 2987
Delta R.T. 0.01 min
Lab File: BG018288.D
Acq: 6 Aug 2015 1:32

Instrument :
BNA_G
ClientSampleId :
C01W2RE

Tot Ion:	149	Resp:	55761
Ion Ratio	Lower	Upper	
149	100		
91	74.0	58.2	87.2
206	25.1	19.9	29.9

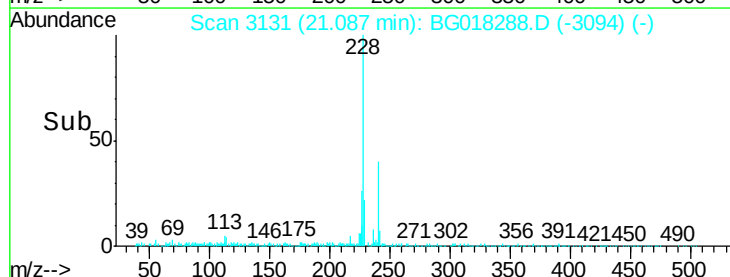
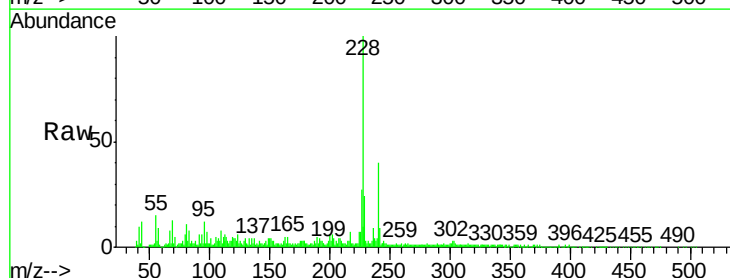
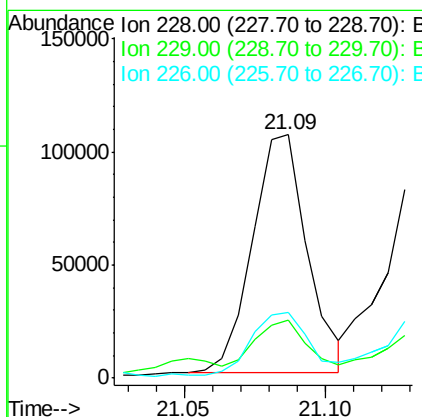
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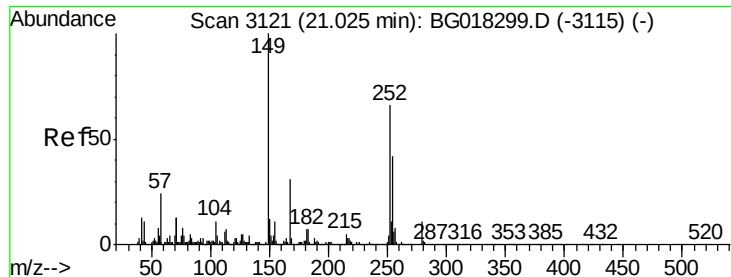
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#83
Benzo(a)anthracene
Concen: 18.79 ng/ul
RT: 21.09 min Scan# 3131
Delta R.T. 0.02 min
Lab File: BG018288.D
Acq: 6 Aug 2015 1:32

Tgt Ion:	228	Resp:	142058
Ion Ratio	Lower	Upper	
228	100		
229	23.8	16.3	24.5
226	26.9	21.2	31.8





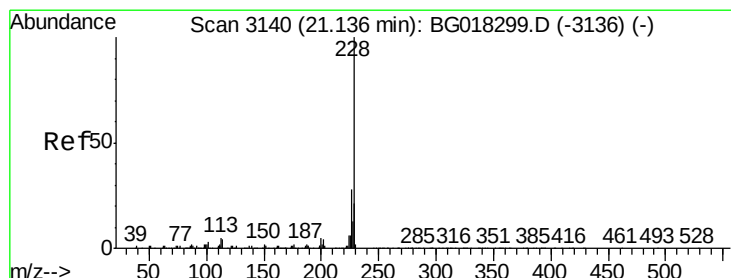
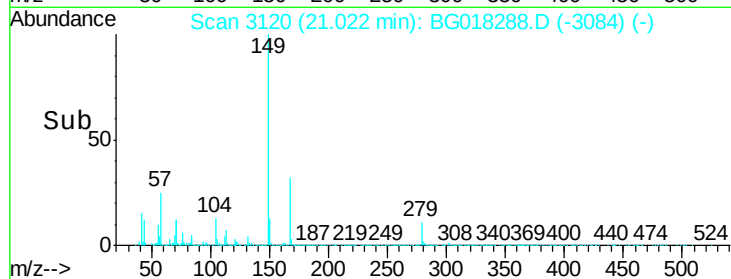
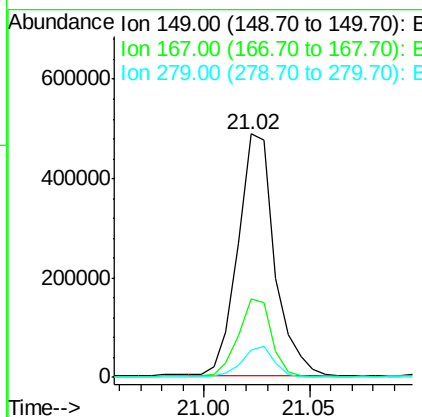
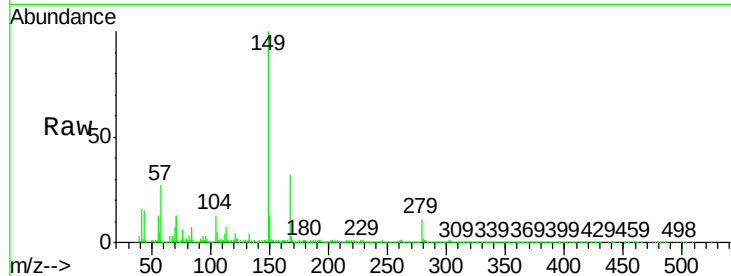
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 126.45 ng/ul
 RT: 21.02 min Scan# 3120
 Delta R.T. 0.01 min
 Lab File: BG018288.D
 Acq: 6 Aug 2015 1:32

Instrument :
 BNA_G
 ClientSampleId :
 C01W2RE

Tot Ion:	149	Resp:	587913
Ion Ratio	Lower	Upper	
149	100		
167	32.1	26.4	39.6
279	11.4	8.6	12.8

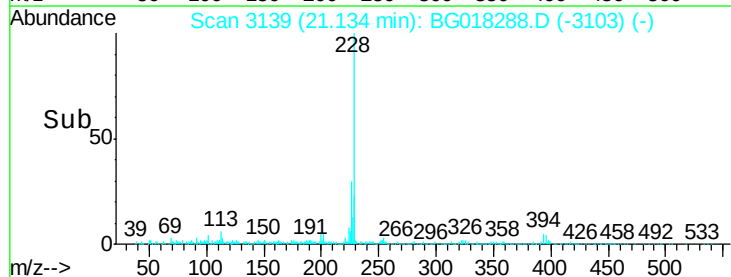
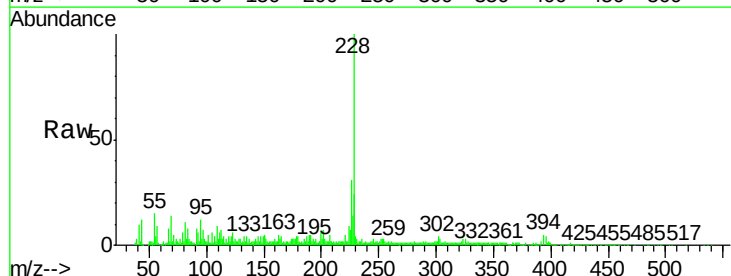
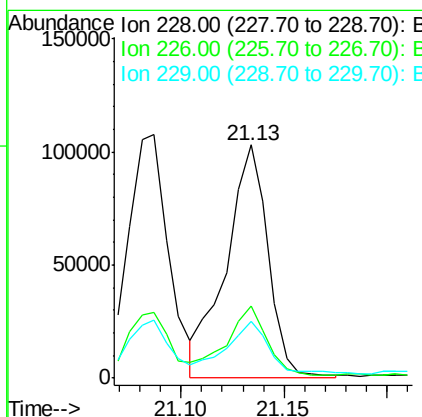
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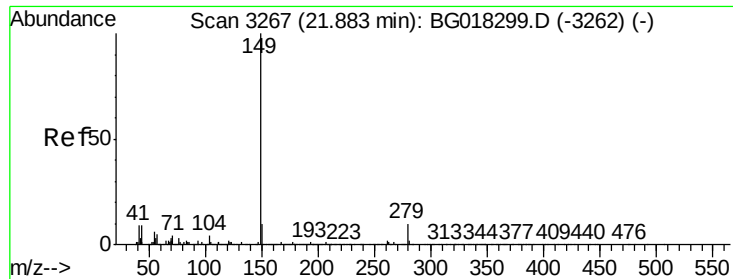
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#85
 Chrysene
 Concen: 21.71 ng/ul m
 RT: 21.13 min Scan# 3139
 Delta R.T. 0.01 min
 Lab File: BG018288.D
 Acq: 6 Aug 2015 1:32

Tgt Ion:	228	Resp:	147479
Ion Ratio	Lower	Upper	
228	100		
226	31.0	23.0	34.6
229	24.3	15.9	23.9#





#87

Di-n-octyl phthalate

Concen: 19.67 ng/ul

RT: 21.89 min Scan# 3267

Delta R.T. 0.02 min

Lab File: BG018288.D

Acq: 6 Aug 2015 1:32

Instrument :

BNA_G

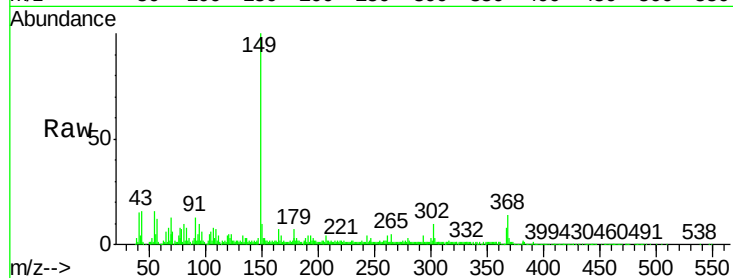
ClientSampleId :

C01W2RE

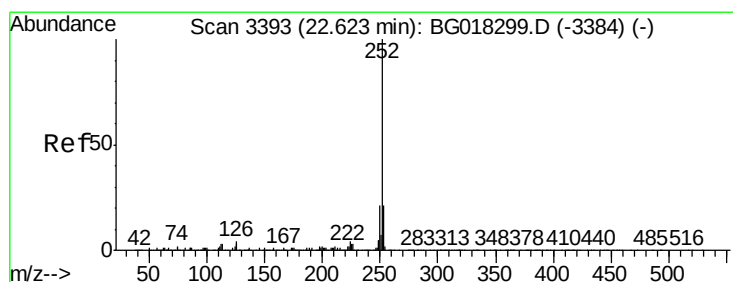
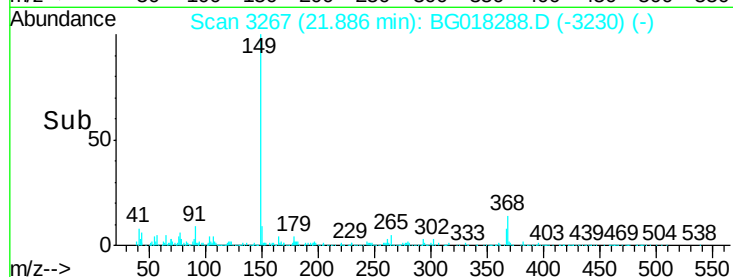
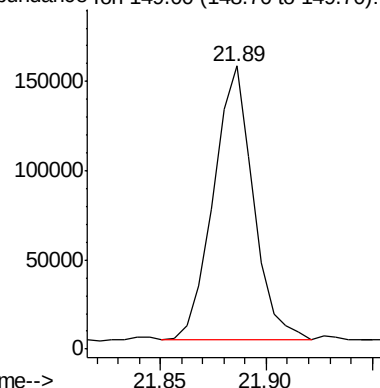
Tgt Ion:149 Resp: 199435

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Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 27.14 ng/ul

RT: 22.63 min Scan# 3393

Delta R.T. 0.03 min

Lab File: BG018288.D

Acq: 6 Aug 2015 1:32

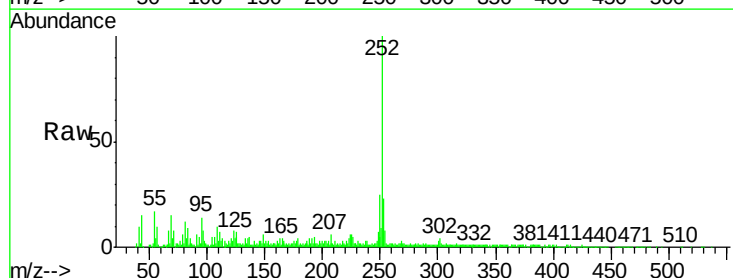
Tgt Ion:252 Resp: 256157

Ion Ratio Lower Upper

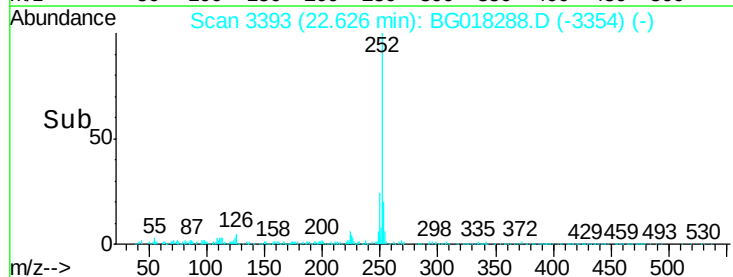
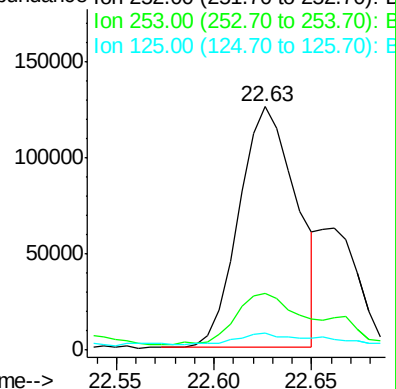
252 100

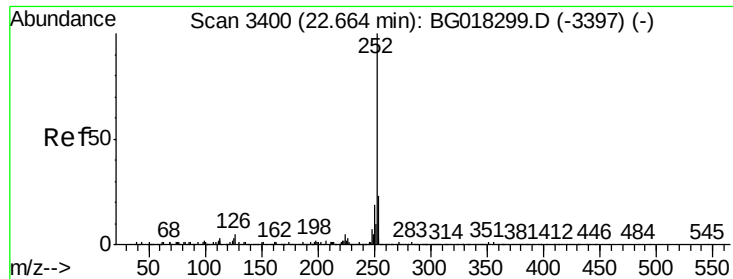
253 23.3 18.1 27.1

125 6.9 3.1 4.7#



Abundance Ion 252.00 (251.70 to 252.70): E





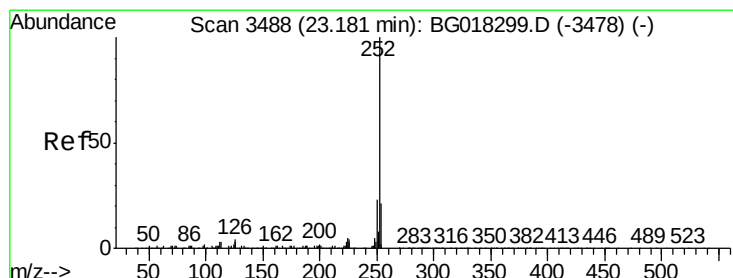
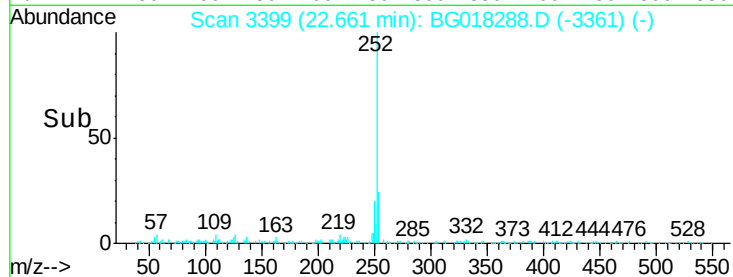
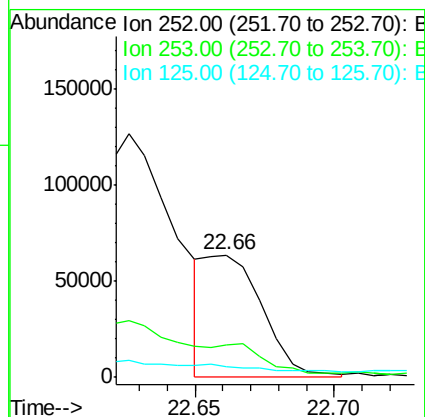
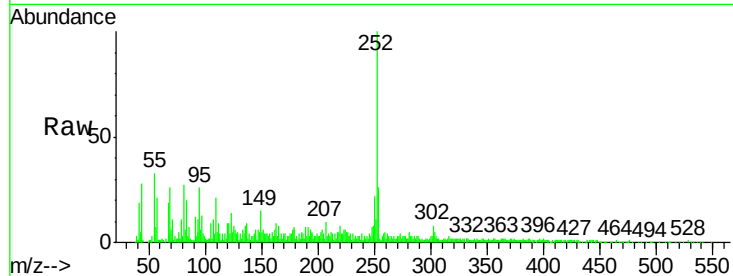
#89
Benzo(k)fluoranthene
Concen: 10.06 ng/ul m
RT: 22.66 min Scan# 3399
Delta R.T. 0.03 min
Lab File: BG018288.D
Acq: 6 Aug 2015 1:32

Instrument :
BNA_G
ClientSampleId :
C01W2RE

Tot Ion:	252	Resp:	91029
Ion Ratio	Lower	Upper	
252	100		
253	26.4	16.4	24.6#
125	8.3	3.4	5.2#

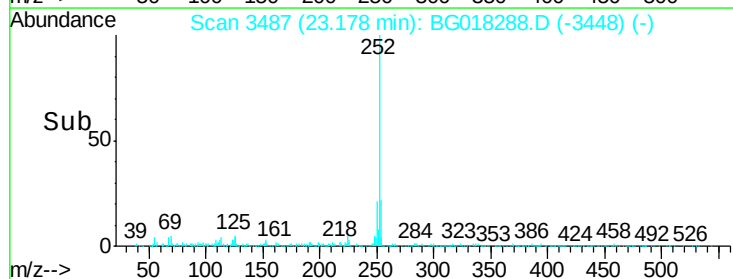
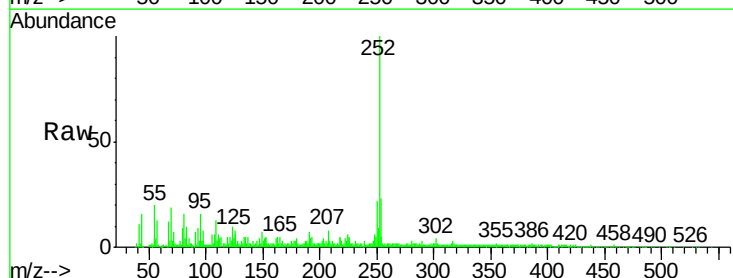
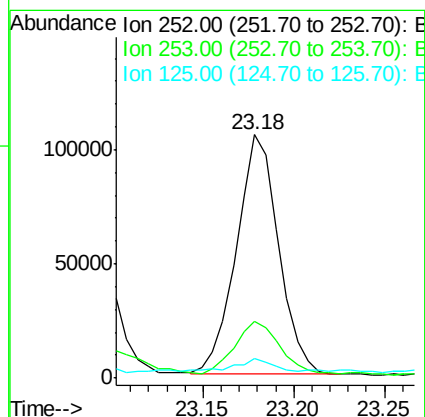
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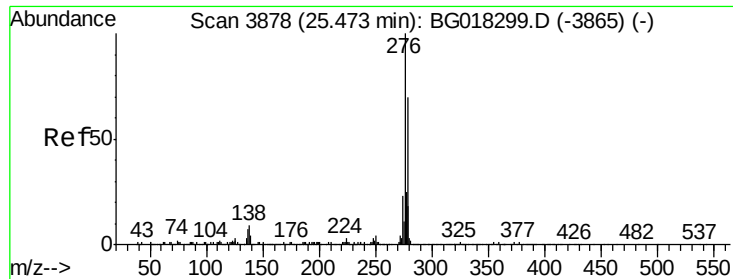
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#91
Benzo(a)pyrene
Concen: 20.54 ng/ul
RT: 23.18 min Scan# 3487
Delta R.T. 0.03 min
Lab File: BG018288.D
Acq: 6 Aug 2015 1:32

Tgt Ion:	252	Resp:	169229
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.9	28.3
125	7.8	3.2	4.8#





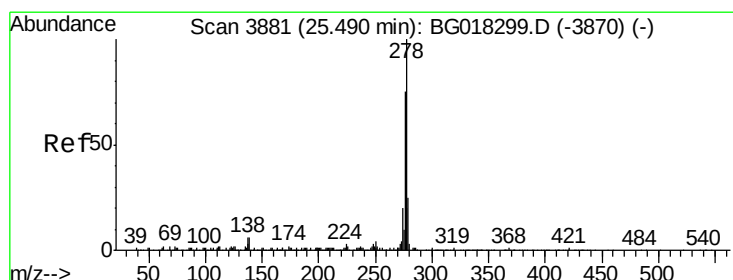
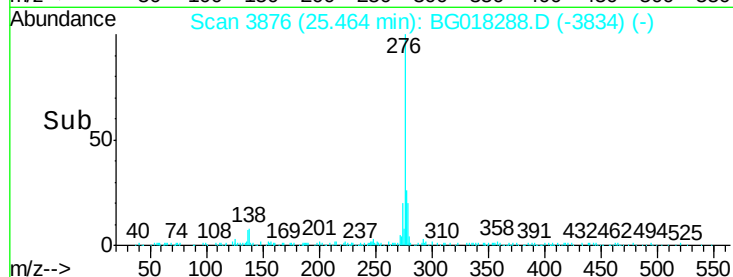
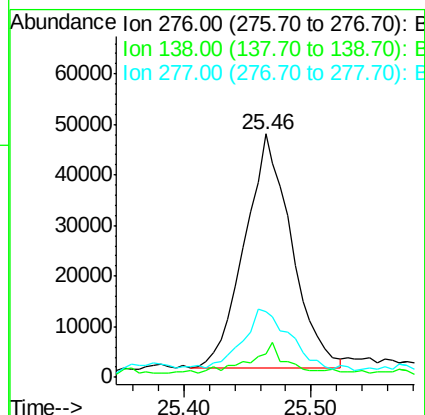
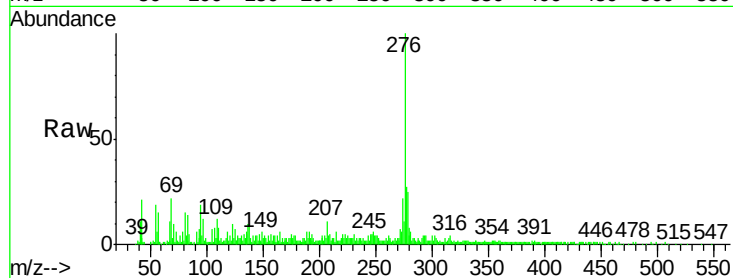
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 11.65 ng/ul
 RT: 25.46 min Scan# 3876
 Delta R.T. 0.05 min
 Lab File: BG018288.D
 Acq: 6 Aug 2015 1:32

Instrument :
 BNA_G
 ClientSampleId :
 C01W2RE

Tot Ion	Ratio	Resp	Lower	Upper
276	100	118775		
138	9.6	8.2	12.4	
277	27.1	20.1	30.1	

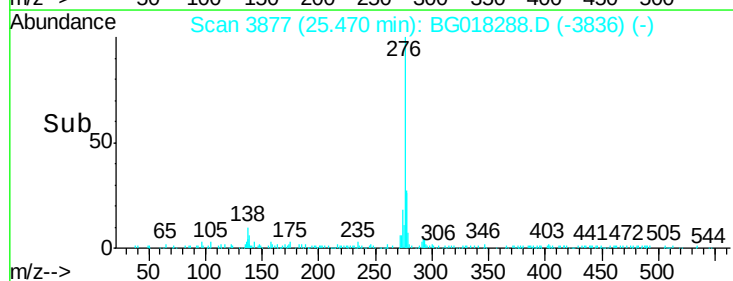
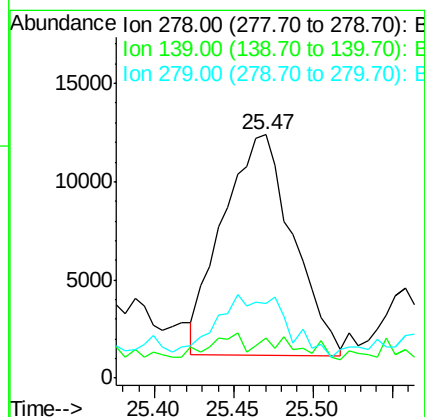
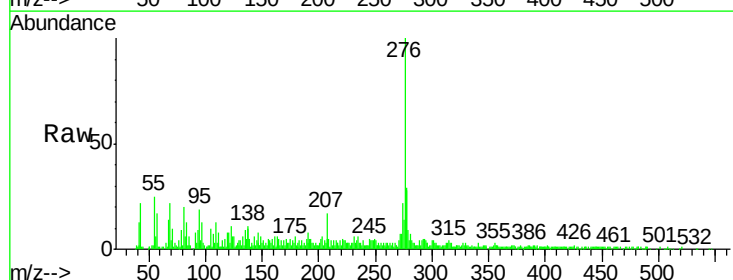
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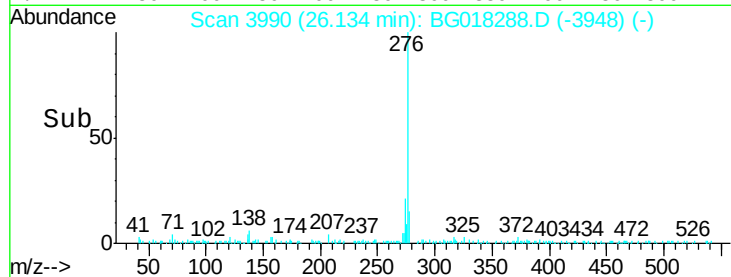
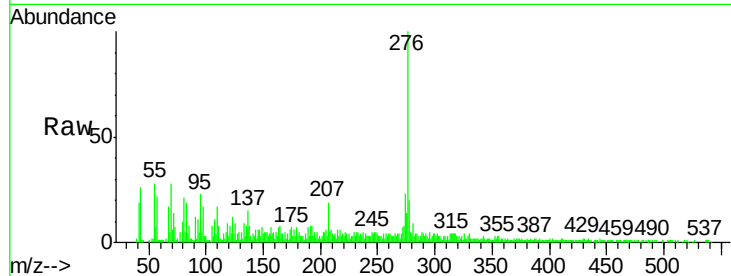
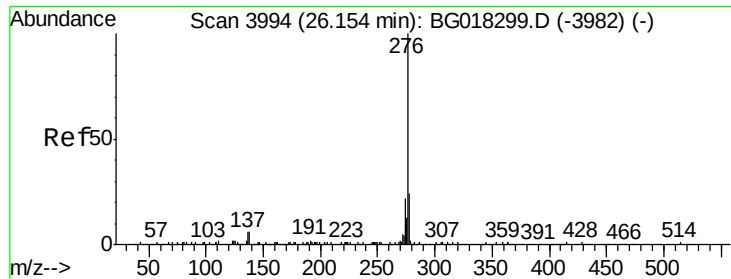
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#93
 Dibenzo(a,h)anthracene
 Concen: 3.85 ng/ul
 RT: 25.47 min Scan# 3877
 Delta R.T. 0.04 min
 Lab File: BG018288.D
 Acq: 6 Aug 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	34464		
139	20.6	5.8	8.8#	
279	30.4	19.8	29.6#	





#94

Benzo(a,h,i)perylene

Concen: 12.26 ng/ul

RT: 26.13 min Scan# 3990

Delta R.T. 0.05 min

Lab File: BG018288.D

Acq: 6 Aug 2015 1:32

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.1	6.0	9.0
277	20.0	21.1	31.7#

Instrument :

BNA_G

ClientSampleId :

C01W2RE

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