

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
 Data File : BG018307.D
 Acq On : 6 Aug 2015 16:30
 Operator : UM/TP
 Sample : G3109-04DL 2X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P5DL

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 10:12:47 AM

Quant Time: Aug 07 03:33:10 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 07 01:32:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	26605	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	122530	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.11	164	83275	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.88	188	175758	20.00	ng/ul	-0.01
78) Chrysene-d12	21.09	240	87188	20.00	ng/ul	-0.01
86) Perylene-d12	23.26	264	86746	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.64	99	13215	6.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	7214	7.13	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	11335	6.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	8025	4.54	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	6514	6.87	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.30	143	7499	6.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	12771	6.33	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.36	131	1676	0.69	ng/ul	-0.01
44) Dimethylphthalate-d6	13.53	166	45338	7.04	ng/ul	-0.01
47) Acenaphthylene-d8	13.80	160	51191	7.01	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.39	143	4696	4.42	ng/ul	0.00
58) Fluorene-d10	15.12	176	41253	7.13	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.27	200	4022	3.31	ng/ul	-0.01
71) Anthracene-d10	16.97	188	53348	6.90	ng/ul	-0.01
79) Pyrene-d10	19.29	212	42123	8.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.12	264	26236	5.81	ng/ul	-0.02

Target Compounds

						Ovalue
45) Dimethylphthalate	13.58	163	17371	2.70	ng/ul	97
50) Acenaphthene	14.18	153	14354	2.95	ng/ul	98
54) Dibenzofuran	14.52	168	10540	1.47	ng/ul	99
59) Fluorene	15.17	166	17844	2.84	ng/ul	96
70) Phenanthrene	16.92	178	444541	50.12	ng/ul	98
72) Anthracene	17.01	178	106617	12.04	ng/ul	99
75) Carbazole	17.29	167	21271	2.85	ng/ul#	92
76) Di-n-butylphthalate	17.86	149	106392	10.16	ng/ul	98
77) Fluoranthene	18.96	202	761396	77.39	ng/ul#	95
80) Pyrene	19.32	202	588712	97.11	ng/ul#	97
83) Benzo(a)anthracene	21.08	228	199898	43.44	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.01	149	25166	8.89	ng/ul	99
85) Chrysene	21.13	228	183137	44.29	ng/ul	98
88) Benzo(b)fluoranthene	22.62	252	268838	50.53	ng/ul	100
89) Benzo(k)fluoranthene	22.65	252	64827m	12.71	ng/ul	
91) Benzo(a)pyrene	23.17	252	165922	35.72	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	25.46	276	111427	19.39	ng/ul#	94
93) Dibenzo(a,h)anthracene	25.46	278	32538	6.45	ng/ul#	92
94) Benzo(g,h,i)perylene	26.12	276	99984	21.44	ng/ul#	93

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

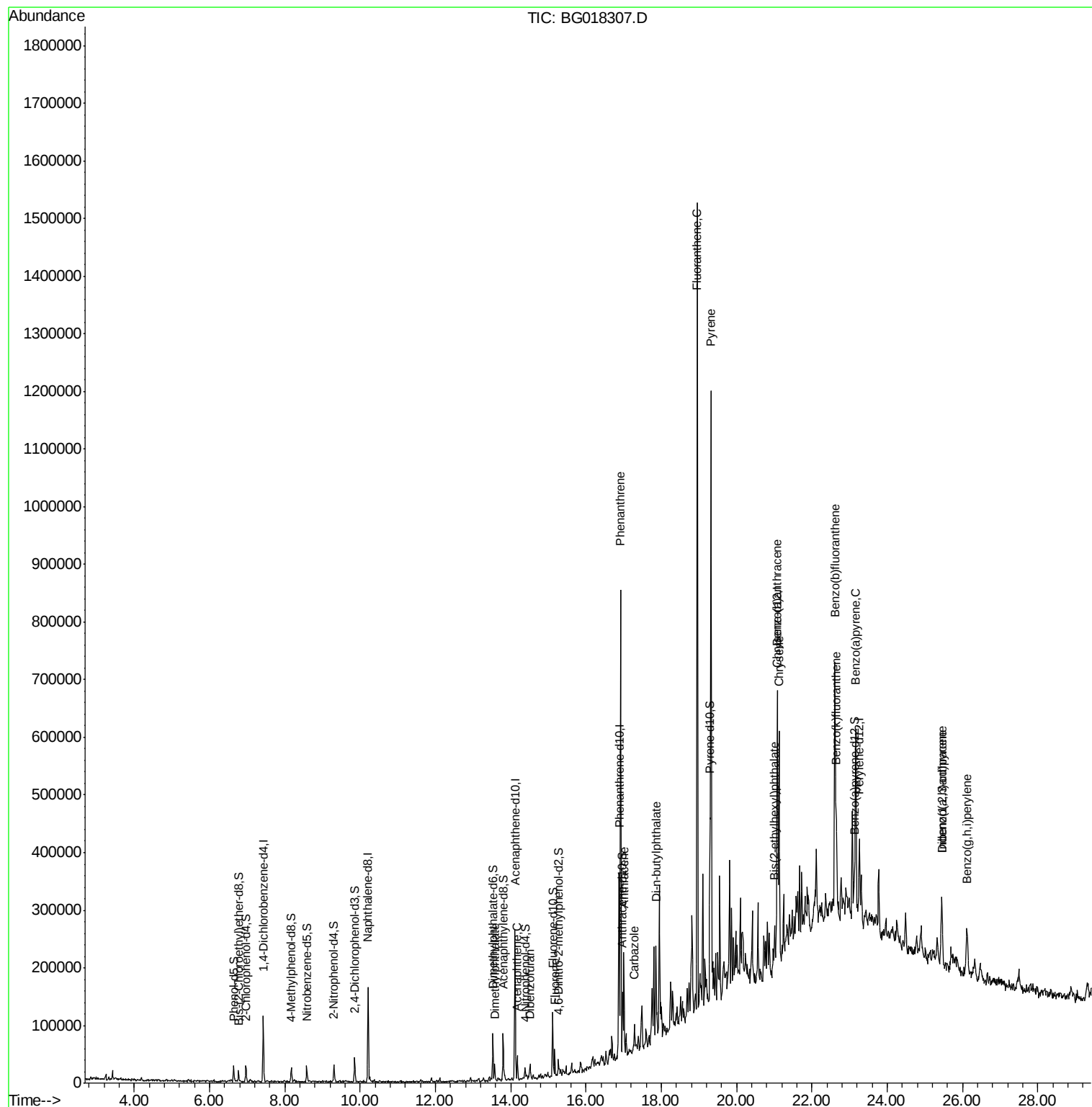
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
Data File : BG018307.D
Acq On : 6 Aug 2015 16:30
Operator : UM/TP
Sample : G3109-04DL 2X
Misc :
ALS Vial : 33 Sample Multiplier: 1

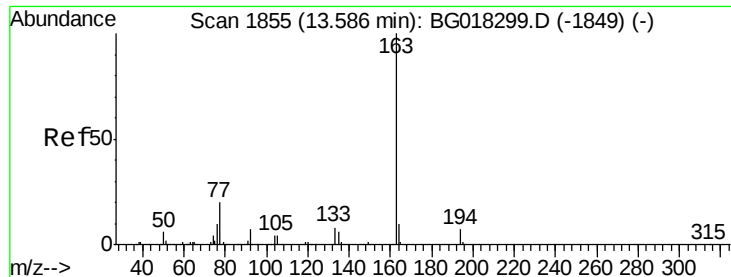
Instrument :
BNA_G
ClientSampleId :
C01P5DL

Manual Integrations
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Quant Time: Aug 07 03:33:10 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 07 01:32:43 2015
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 2.70 ng/ul

RT: 13.58 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG018307.D

Acq: 6 Aug 2015 16:30

Instrument :

BNA_G

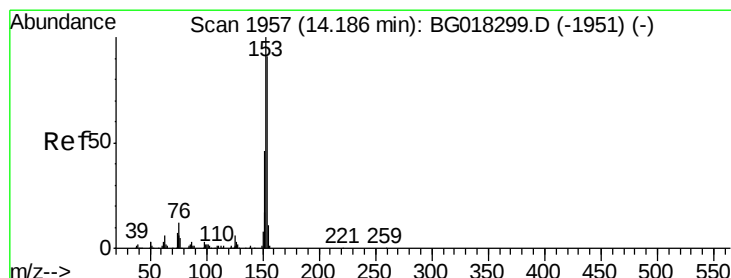
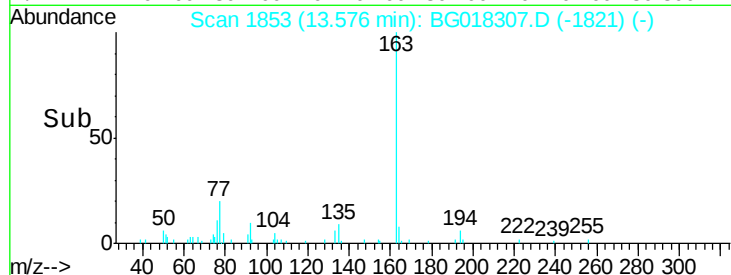
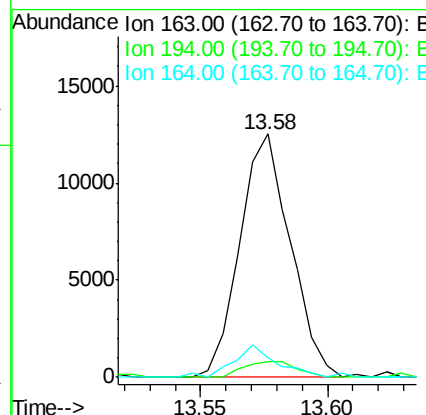
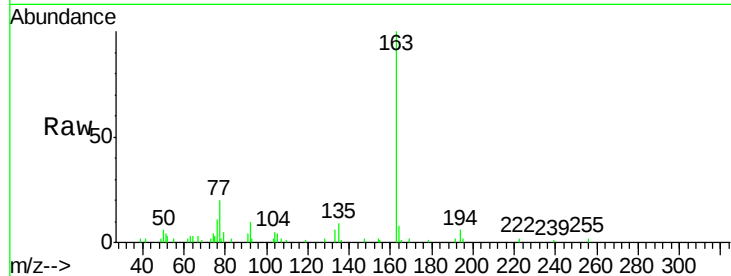
ClientSampleId :

C01P5DL

Tot Ion:	163	Resp:	17371
Ion Ratio	Lower	Upper	
163	100		
194	6.2	5.4	8.2
164	8.2	7.8	11.8

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#50

Acenaphthene

Concen: 2.95 ng/ul

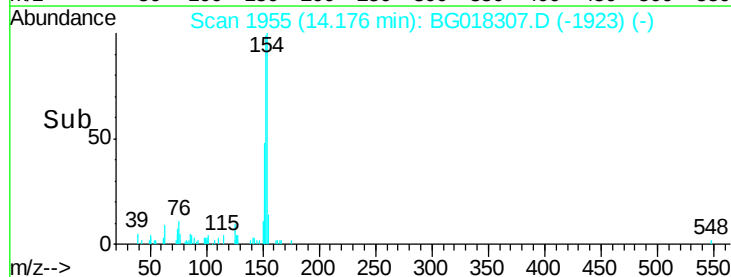
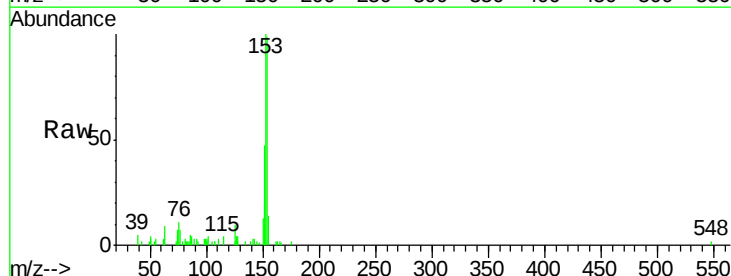
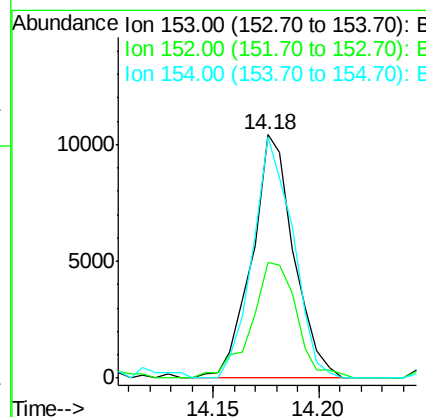
RT: 14.18 min Scan# 1955

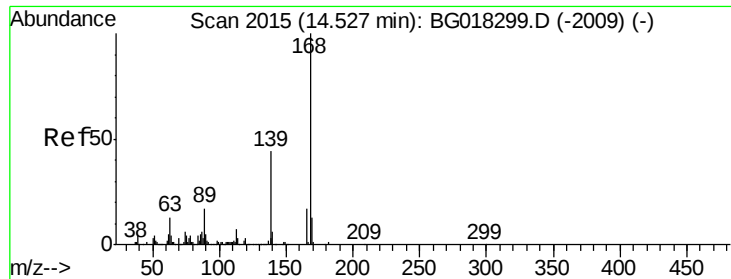
Delta R.T. -0.01 min

Lab File: BG018307.D

Acq: 6 Aug 2015 16:30

Tgt Ion:	153	Resp:	14354
Ion Ratio	Lower	Upper	
153	100		
152	47.4	39.0	58.4
154	99.1	77.4	116.2





#54

Dibenzenofuran

Concen: 1.47 ng/ul

RT: 14.52 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BG018307.D

Acq: 6 Aug 2015 16:30

Instrument :

BNA_G

ClientSampleId :

C01P5DL

Tot Ion:168 Resp: 10540

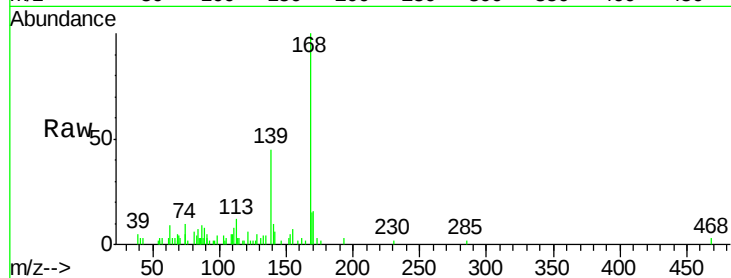
Ion Ratio Lower Upper

168 100

139 45.5 37.1 55.7

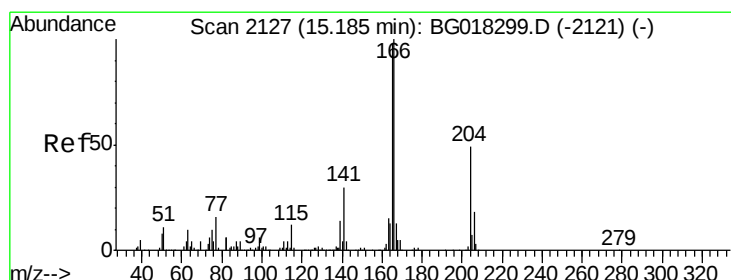
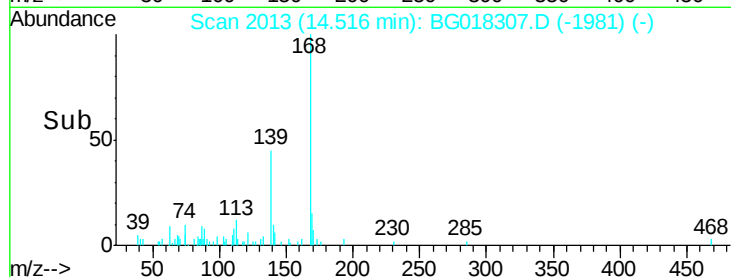
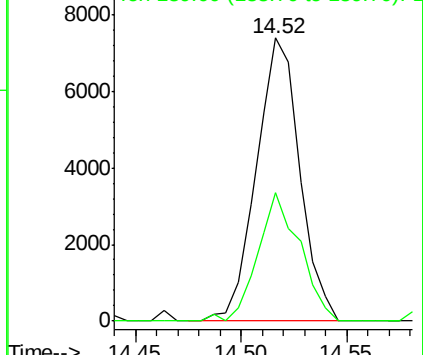
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 2.84 ng/ul

RT: 15.17 min Scan# 2124

Delta R.T. -0.02 min

Lab File: BG018307.D

Acq: 6 Aug 2015 16:30

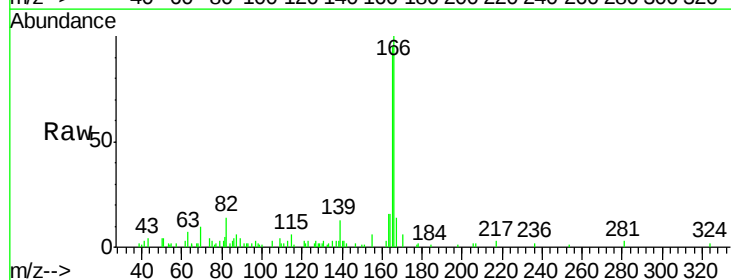
Tgt Ion:166 Resp: 17844

Ion Ratio Lower Upper

166 100

165 94.8 72.4 108.6

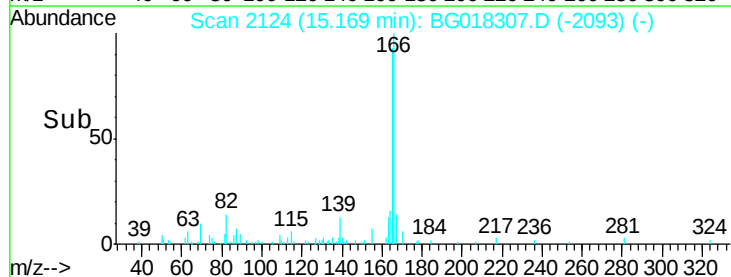
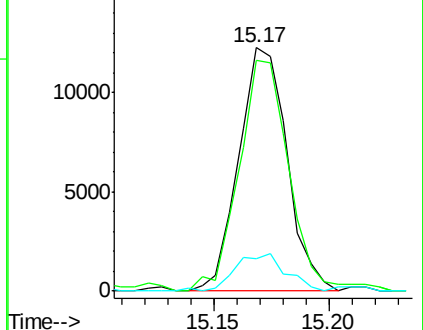
167 13.5 11.4 17.0

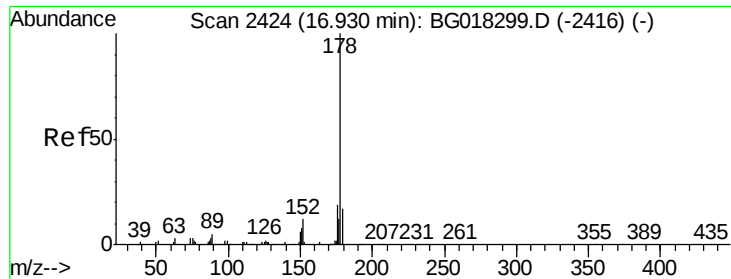


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





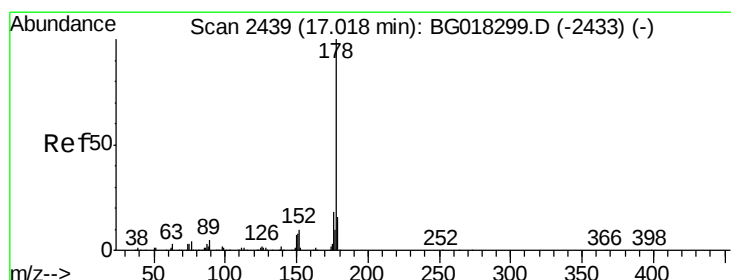
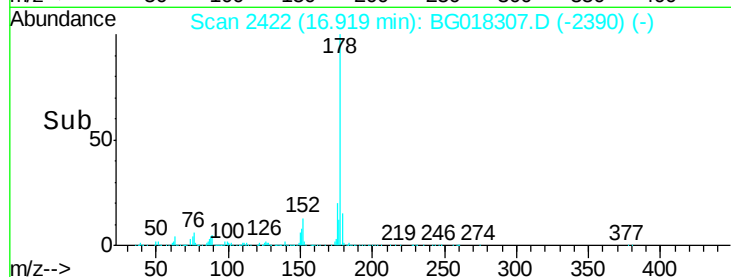
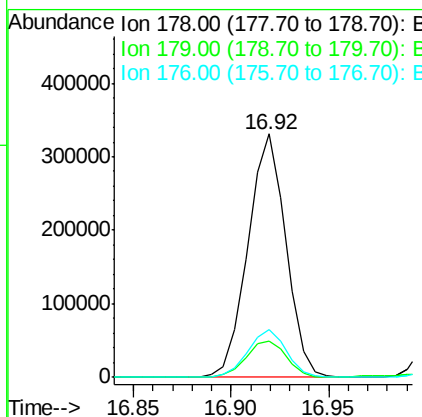
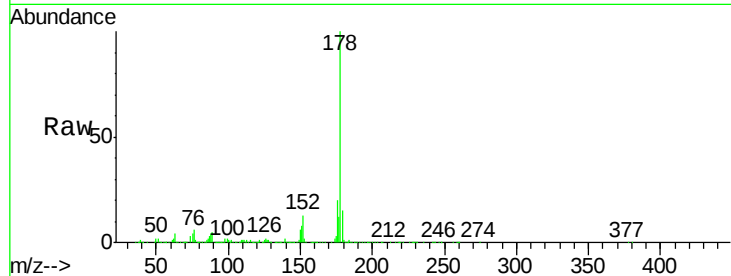
#70
Phenanthrene
Concen: 50.12 ng/ul
RT: 16.92 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG018307.D
Acq: 6 Aug 2015 16:30

Instrument :
BNA_G
ClientSampleId :
C01P5DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.4
176	19.8	14.5	21.7

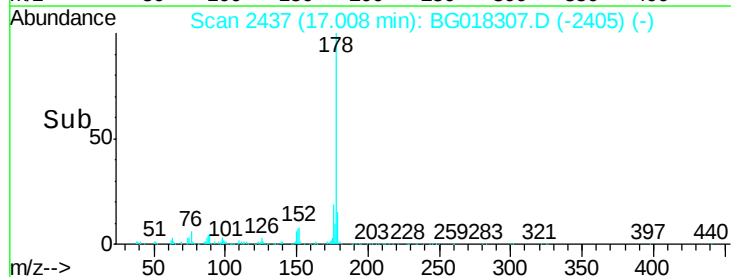
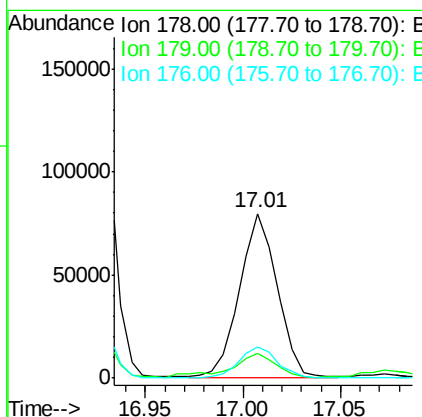
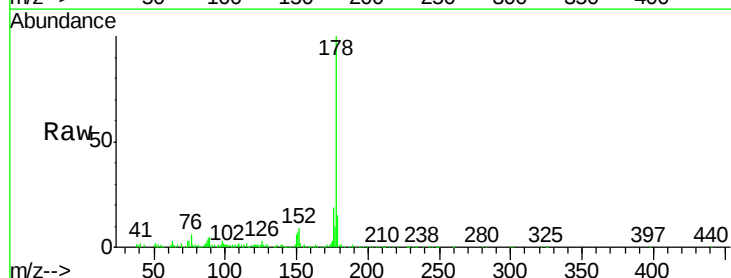
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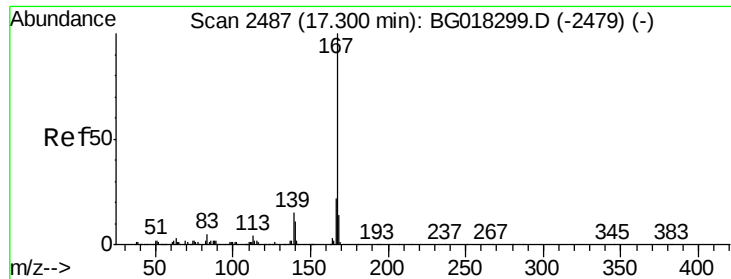
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#72
Anthracene
Concen: 12.04 ng/ul
RT: 17.01 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG018307.D
Acq: 6 Aug 2015 16:30

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.4
176	18.6	15.3	22.9





#75

Carbazole

Concen: 2.85 ng/ul

RT: 17.29 min Scan# 2485

Delta R.T. -0.01 min

Lab File: BG018307.D

Acq: 6 Aug 2015 16:30

Instrument :

BNA_G

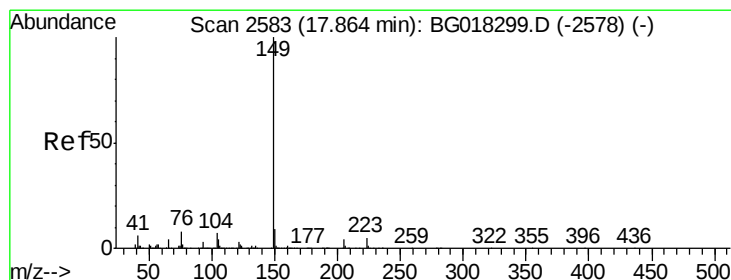
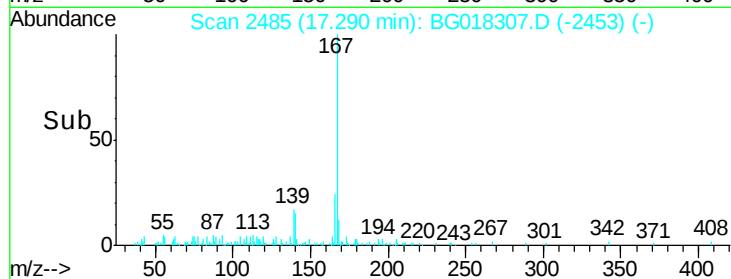
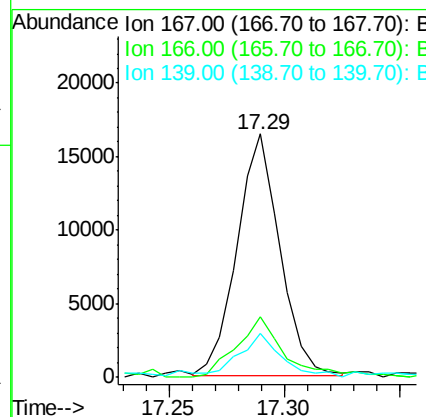
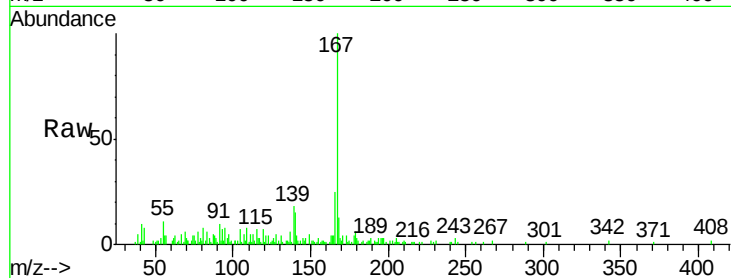
ClientSampleId :

C01P5DL

Tot Ion:	167	Resp:	21271
Ion Ratio	Lower	Upper	
167	100		
166	24.9	17.8	26.8
139	18.0	10.6	16.0#

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#76

Di-n-butylphthalate

Concen: 10.16 ng/ul

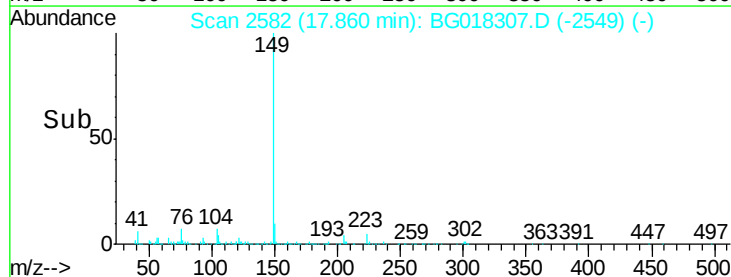
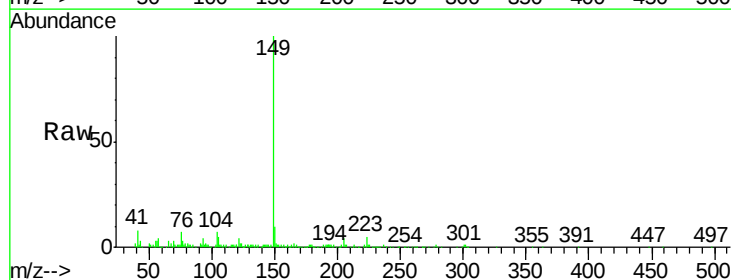
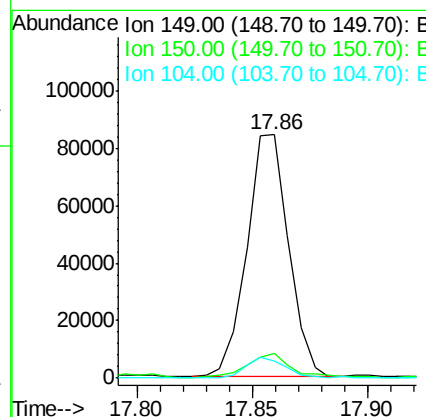
RT: 17.86 min Scan# 2582

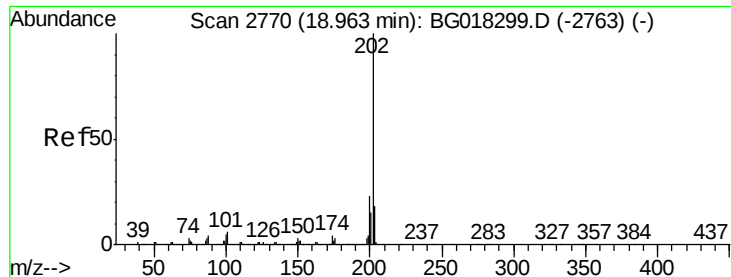
Delta R.T. -0.00 min

Lab File: BG018307.D

Acq: 6 Aug 2015 16:30

Tgt Ion:	149	Resp:	106392
Ion Ratio	Lower	Upper	
149	100		
150	10.1	7.4	11.2
104	7.2	5.5	8.3





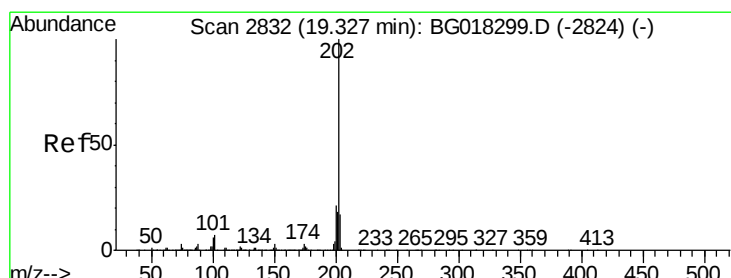
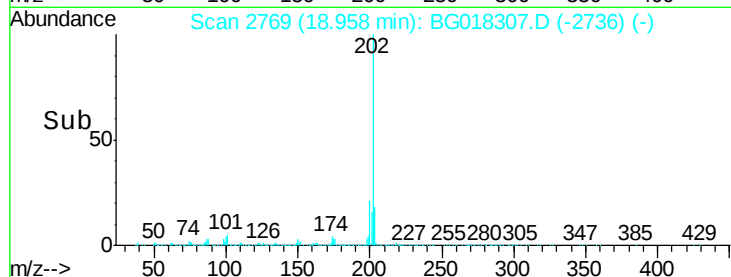
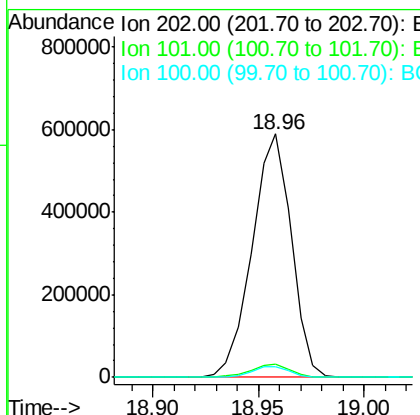
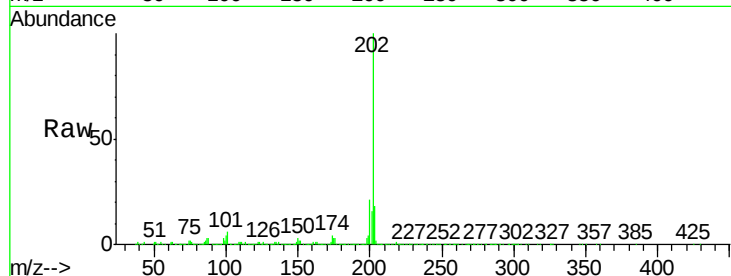
#77
 Fluoranthene
 Concen: 77.39 ng/ul
 RT: 18.96 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: BG018307.D
 Acq: 6 Aug 2015 16:30

Instrument :
 BNA_G
 ClientSampleId :
 C01P5DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	5.5	6.2	9.2#
100	4.2	4.6	6.8#

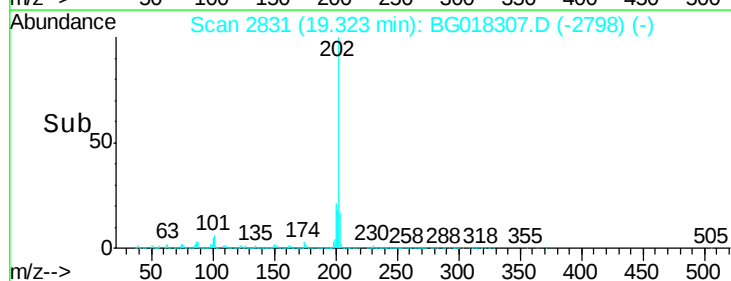
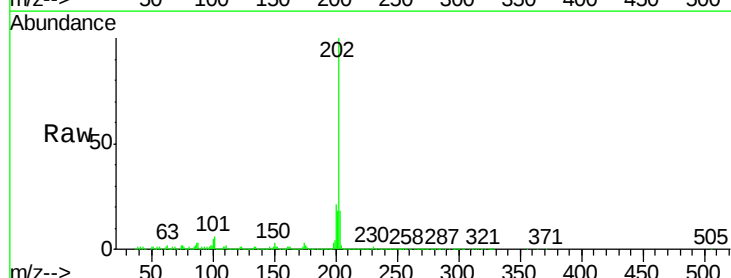
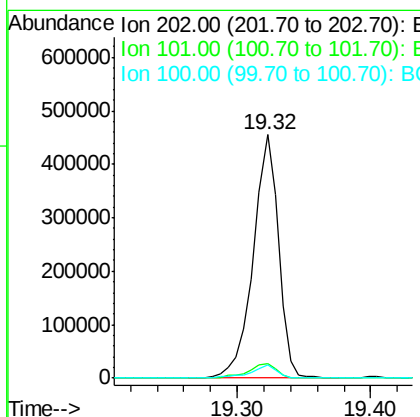
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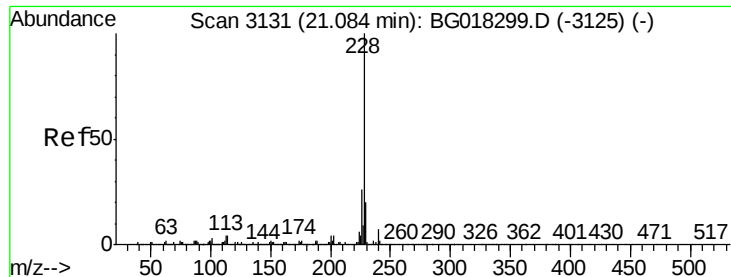
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#80
 Pyrene
 Concen: 97.11 ng/ul
 RT: 19.32 min Scan# 2831
 Delta R.T. -0.00 min
 Lab File: BG018307.D
 Acq: 6 Aug 2015 16:30

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	6.1	6.2	9.2#
100	5.4	4.6	7.0





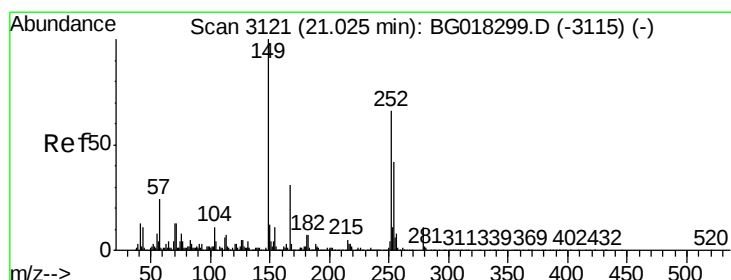
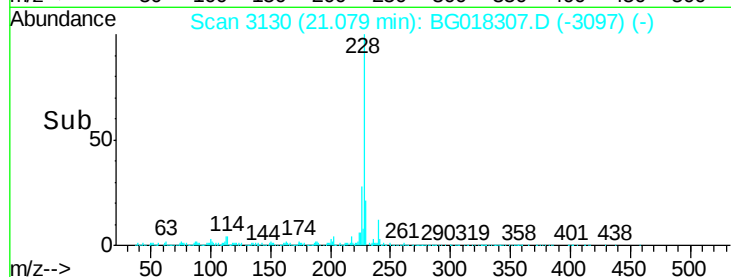
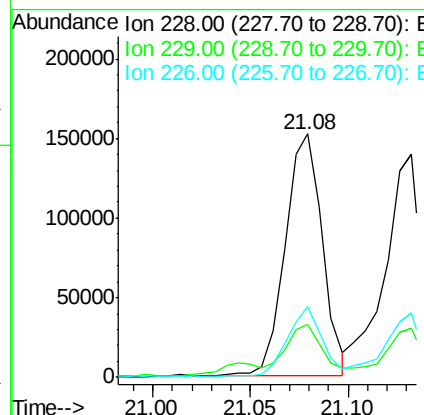
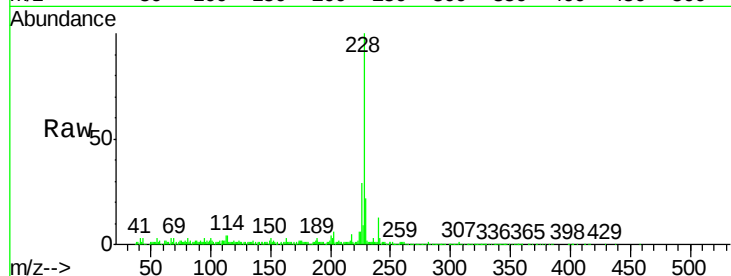
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Benzo(a)anthracene
Concen: 43.44 ng/ul
RT: 21.08 min Scan# 3130
Delta R.T. -0.00 min
Lab File: BG018307.D
Acq: 6 Aug 2015 16:30

Instrument :
BNA_G
ClientSampleId :
C01P5DL

Tot Ion	Ratio	Resp	Lower	Upper
228	100	199898		
229	21.6		16.3	24.5
226	28.9		21.2	31.8

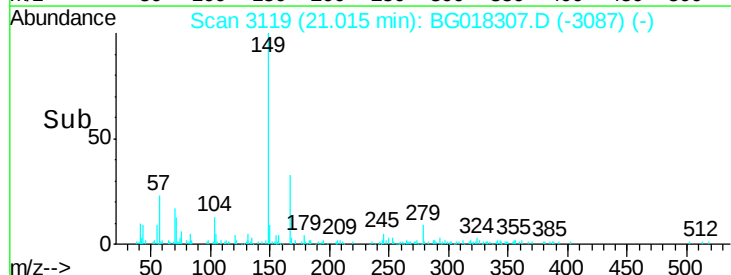
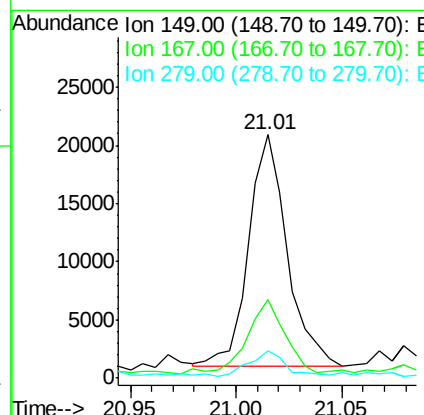
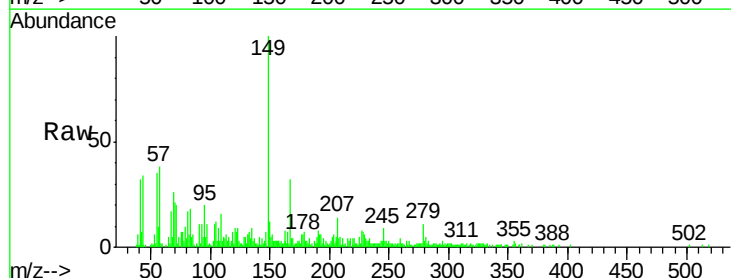
Manual Integrations
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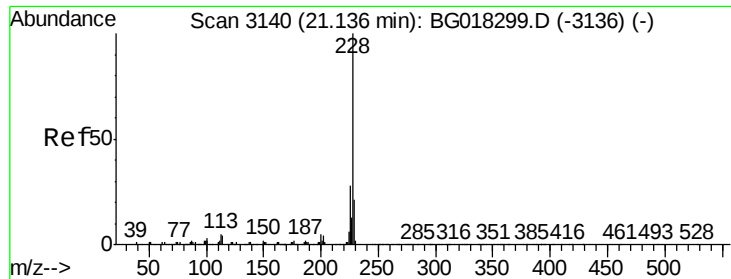
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#84
Bis(2-ethylhexyl)phthalate
Concen: 8.89 ng/ul
RT: 21.01 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BG018307.D
Acq: 6 Aug 2015 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	25166		
167	32.3		26.4	39.6
279	11.2		8.6	12.8





#85

Chrysene

Concen: 44.29 ng/ul

RT: 21.13 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG018307.D

Acq: 6 Aug 2015 16:30

Instrument :

BNA_G

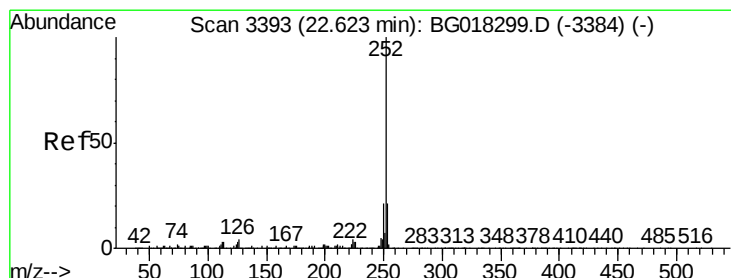
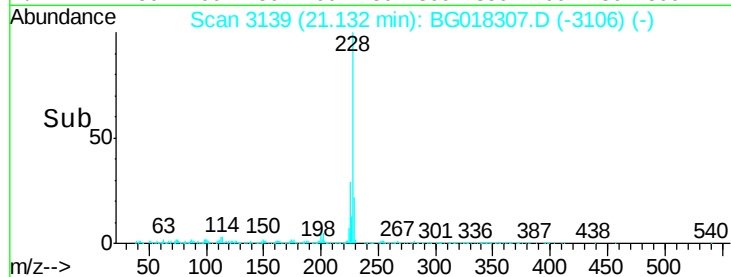
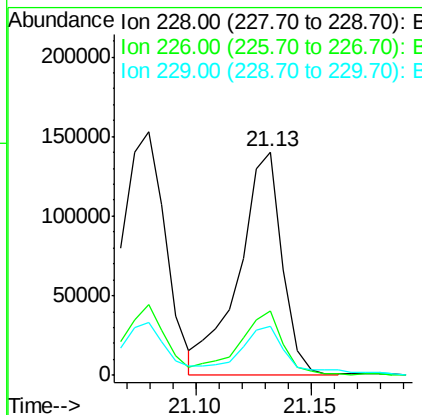
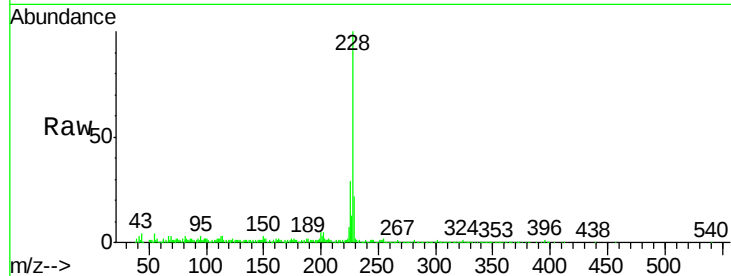
ClientSampleId :

C01P5DL

Tot Ion:	228	Resp:	183137
Ion Ratio	Lower	Upper	
228	100		
226	28.6	23.0	34.6
229	22.2	15.9	23.9

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#88

Benzo(b)fluoranthene

Concen: 50.53 ng/ul

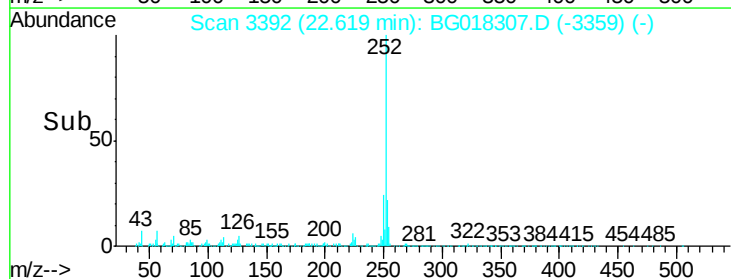
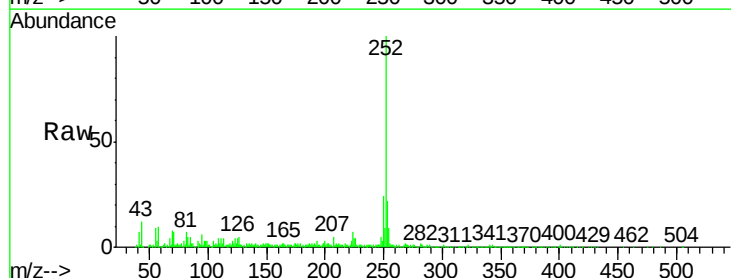
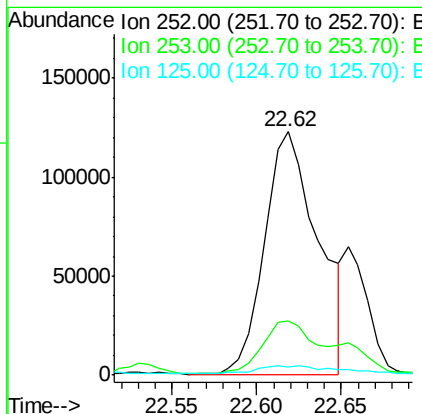
RT: 22.62 min Scan# 3392

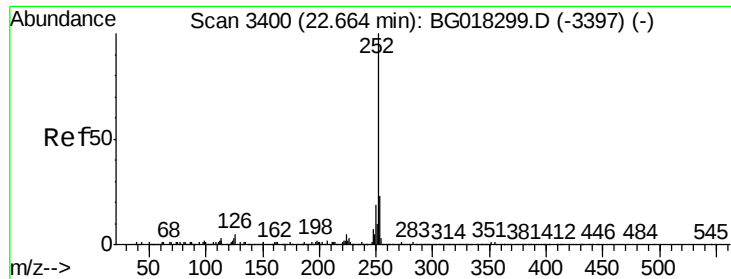
Delta R.T. -0.00 min

Lab File: BG018307.D

Acq: 6 Aug 2015 16:30

Tgt Ion:	252	Resp:	268838
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.1	27.1
125	3.5	3.1	4.7





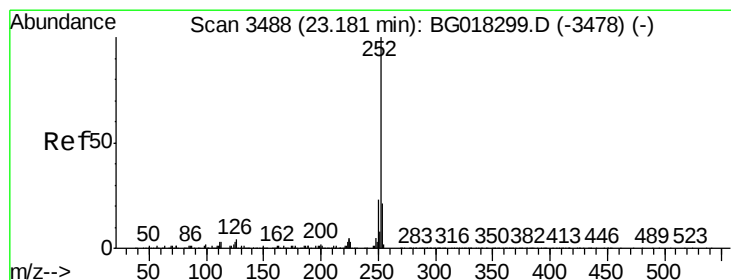
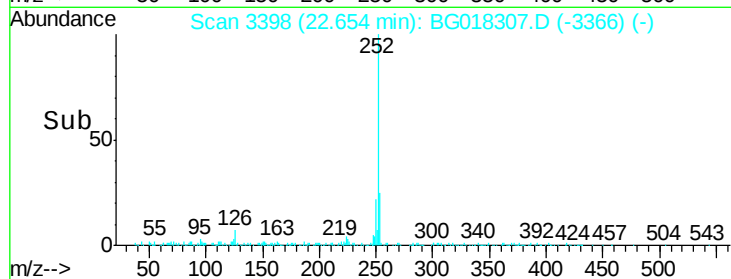
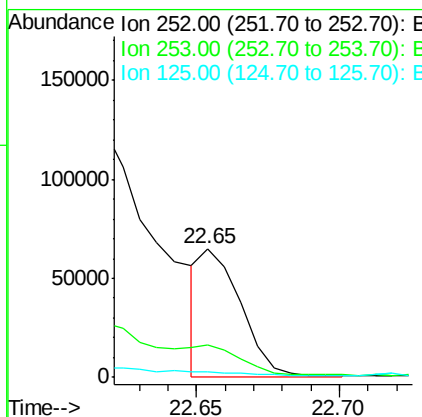
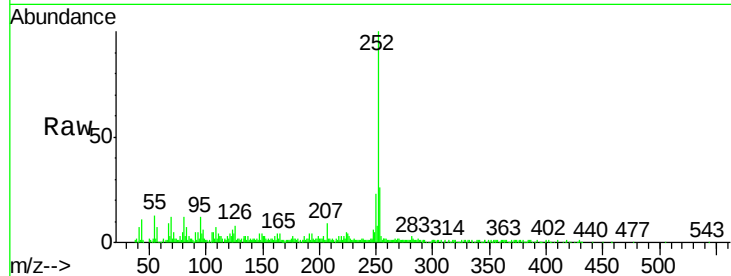
#89
Benzo(k)fluoranthene
Concen: 12.71 ng/ul m
RT: 22.65 min Scan# 3398
Delta R.T. -0.01 min
Lab File: BG018307.D
Acq: 6 Aug 2015 16:30

Instrument :
BNA_G
ClientSampleId :
C01P5DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	16.4	24.6#
125	4.3	3.4	5.2

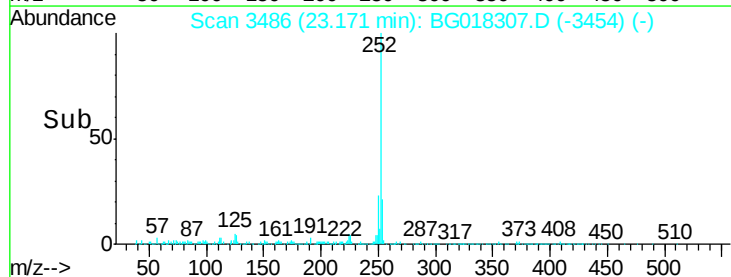
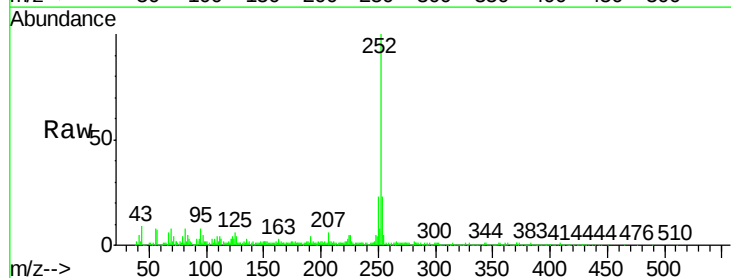
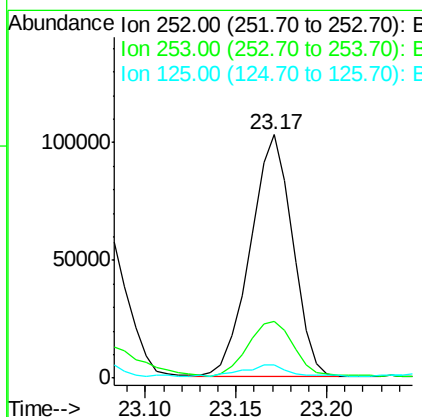
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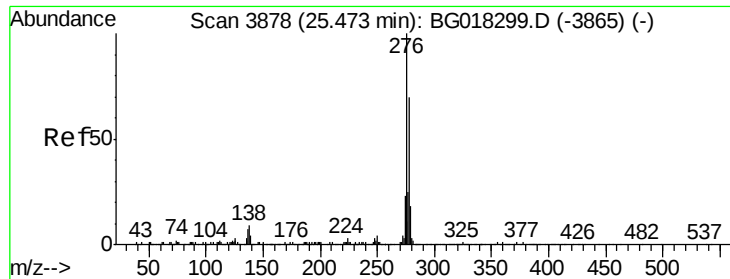
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#91
Benzo(a)pyrene
Concen: 35.72 ng/ul
RT: 23.17 min Scan# 3486
Delta R.T. -0.01 min
Lab File: BG018307.D
Acq: 6 Aug 2015 16:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.9	28.3
125	5.6	3.2	4.8#





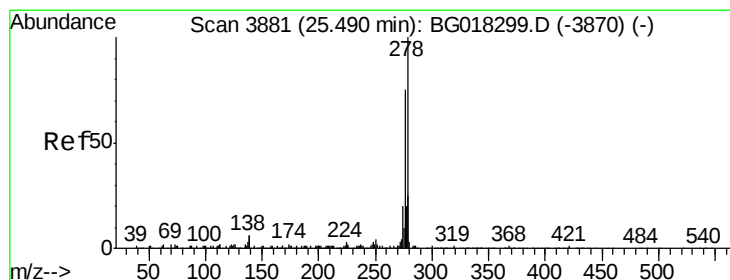
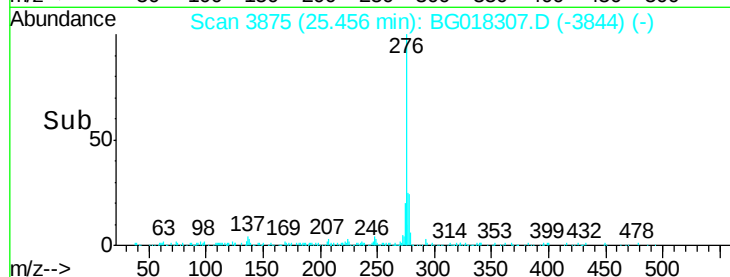
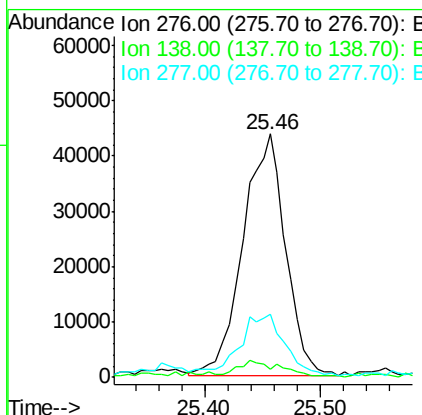
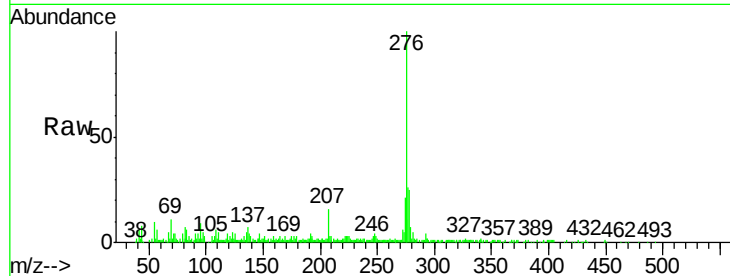
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 19.39 ng/ul
 RT: 25.46 min Scan# 3875
 Delta R.T. -0.02 min
 Lab File: BG018307.D
 Acq: 6 Aug 2015 16:30

Instrument :
 BNA_G
 ClientSampleId :
 C01P5DL

Tot Ion	Ratio	Resp	Lower	Upper
276	100	111427		
138	3.6	8.2	12.4#	
277	25.9	20.1	30.1	

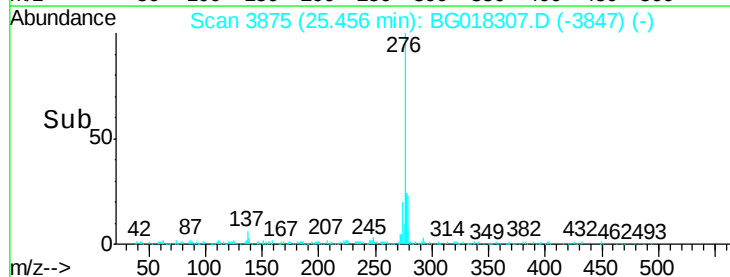
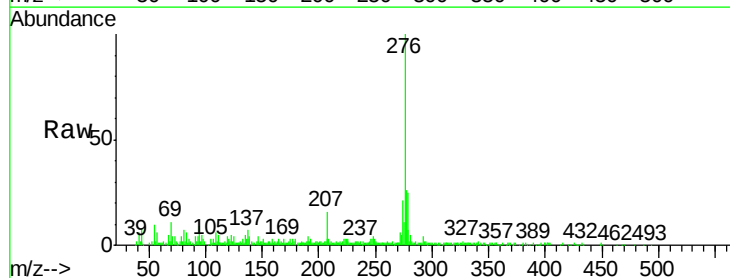
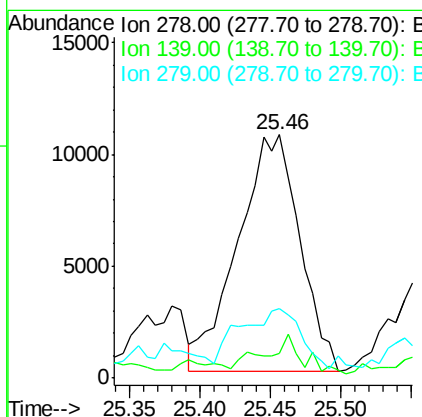
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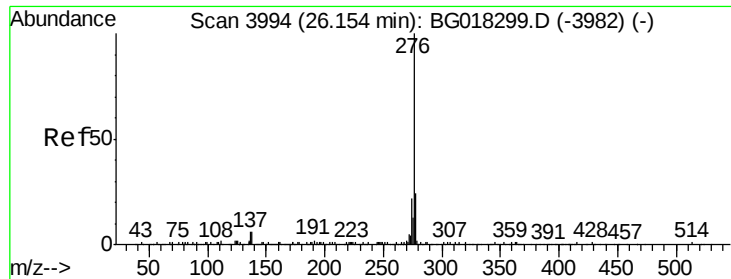
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#93
 Dibenzo(a,h)anthracene
 Concen: 6.45 ng/ul
 RT: 25.46 min Scan# 3875
 Delta R.T. -0.03 min
 Lab File: BG018307.D
 Acq: 6 Aug 2015 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	32538		
139	10.1	5.8	8.8#	
279	28.5	19.8	29.6	





#94
 Benzo(a,h,i)perylene
 Concen: 21.44 ng/ul
 RT: 26.12 min Scan# 3988
 Delta R.T. -0.03 min
 Lab File: BG018307.D
 Acq: 6 Aug 2015 16:30

Instrument :
 BNA_G
 ClientSampleId :
 C01P5DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.9	6.0	9.0#
277	23.5	21.1	31.7

Manual Integrations
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