

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080315\
 Data File : BG018249.D
 Acq On : 3 Aug 2015 19:09
 Operator : UM/TP
 Sample : G3109-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W8

Manual Integrations
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Quant Time: Aug 14 02:57:00 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 04 02:54:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	28722	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	137519	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	90380	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	166356	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	123147	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	124158	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.94	96	1702	4.47	ng/uL	0.00
5) Phenol-d5	6.66	99	53820	20.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	31298	23.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	45454	23.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	38373	18.24	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	26151	24.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	28434	22.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	49858	22.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	37421	13.67	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	172494	24.70	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	189451	23.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	14380	11.12	ng/ul	0.00
58) Fluorene-d10	15.14	176	155735	24.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	12085	10.40	ng/ul	0.00
71) Anthracene-d10	16.99	188	204177	28.23	ng/ul	0.00
79) Pyrene-d10	19.31	212	180039	30.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	168924	26.90	ng/ul	0.01

Target Compounds

					Qvalue
28) Naphthalene	10.29	128	8776	1.33 ng/ul#	91
45) Dimethylphthalate	13.60	163	36346	5.23 ng/ul	96
50) Acenaphthene	14.20	153	15337	2.93 ng/ul	94
59) Fluorene	15.19	166	26019	3.82 ng/ul#	89
76) Di-n-butylphthalate	17.88	149	11698	1.26 ng/ul#	73
77) Fluoranthene	18.97	202	73863	7.96 ng/ul	98
80) Pyrene	19.33	202	75895	10.16 ng/ul#	95
83) Benzo(a)anthracene	21.09	228	26500m	4.00 ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.03	149	31313	7.65 ng/ul#	76
85) Chrysene	21.14	228	44185m	7.27 ng/ul	

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

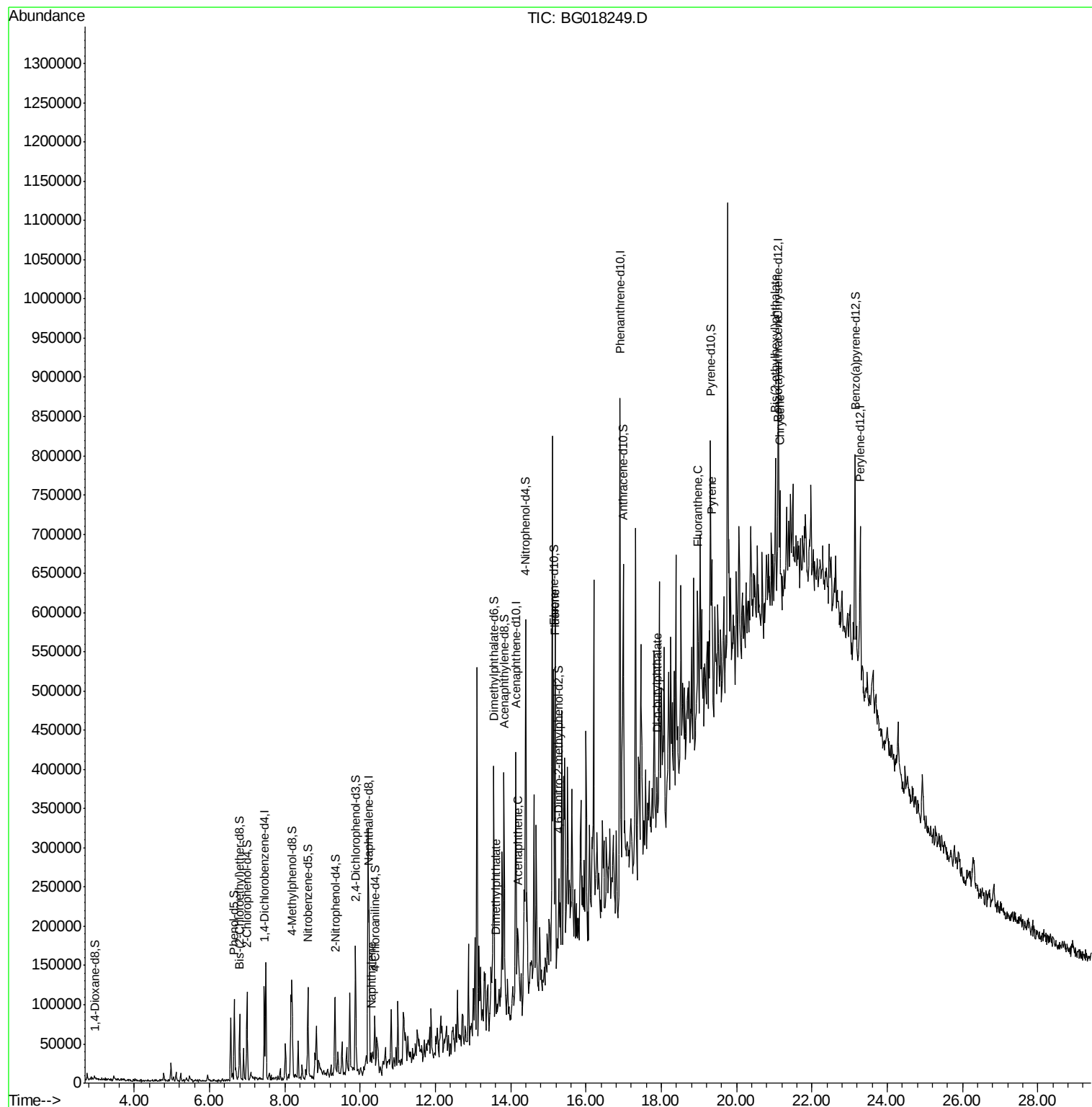
Data Path : Z:\HPCHEM1\BNA_G\Data\BG080315\
Data File : BG018249.D
Acq On : 3 Aug 2015 19:09
Operator : UM/TP
Sample : G3109-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

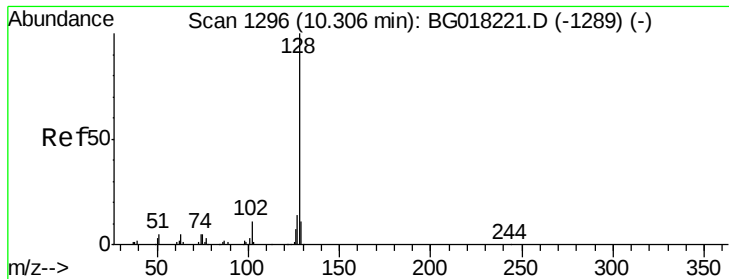
Instrument :
BNA_G
ClientSampleId :
C01W8

Quant Time: Aug 14 02:57:00 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 04 02:54:30 2015
Response via : Initial Calibration

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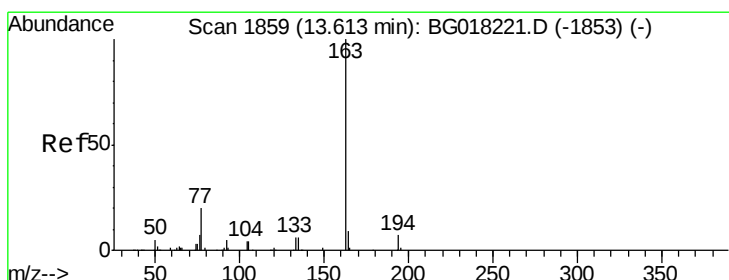
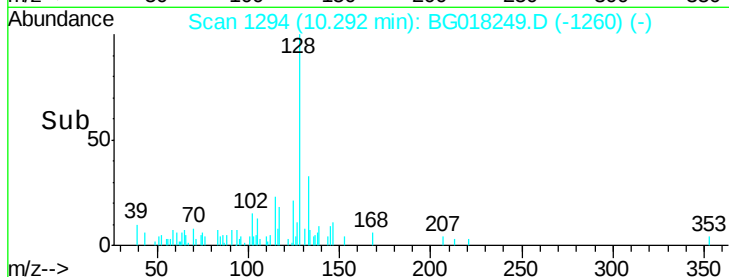
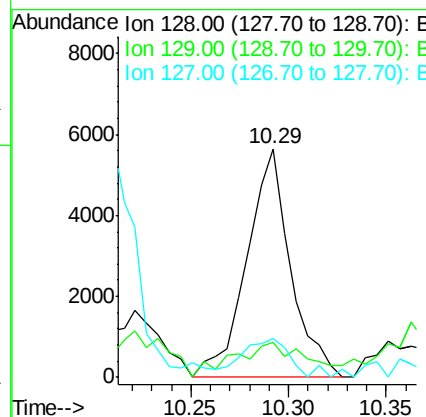
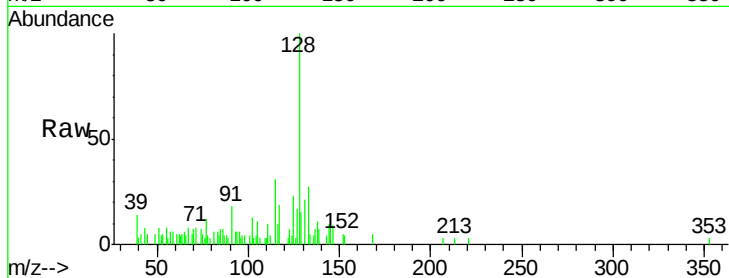
#28
Naphthalene
Concen: 1.33 ng/ul
RT: 10.29 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG018249.D
Acq: 3 Aug 2015 19:09

Instrument :
BNA_G
ClientSampleId :
C01W8

Tgt Ion	Ratio	Lower	Upper
128	100		
129	15.4	9.1	13.7#
127	17.1	11.2	16.8#

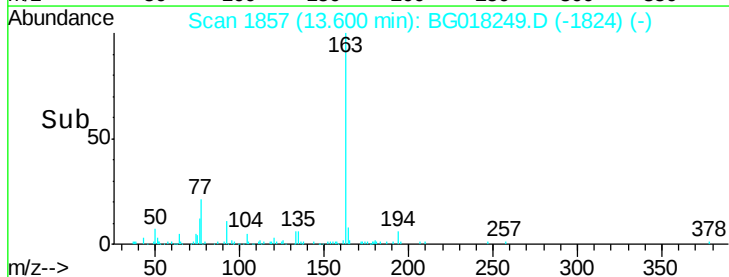
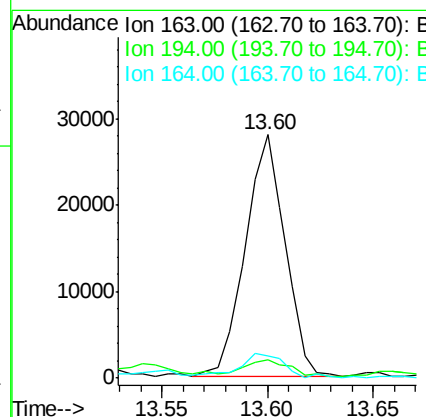
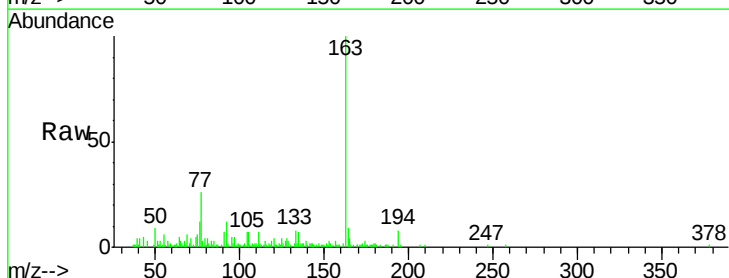
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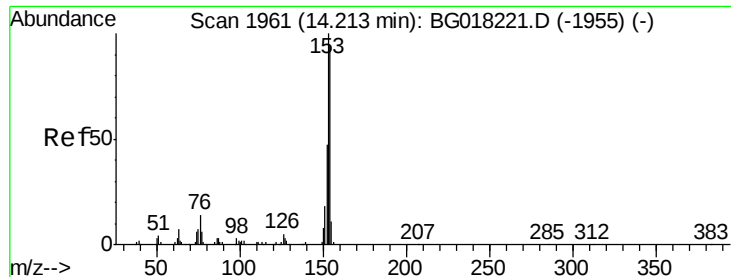
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#45
Dimethylphthalate
Concen: 5.23 ng/ul
RT: 13.60 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BG018249.D
Acq: 3 Aug 2015 19:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	7.6	5.2	7.8
164	9.0	8.4	12.6





#50

Acenaphthene

Concen: 2.93 ng/ul

RT: 14.20 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG018249.D

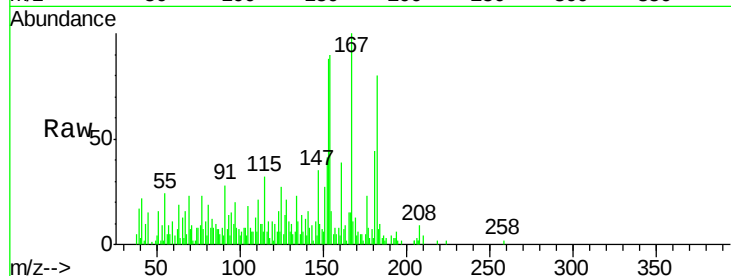
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Instrument :

BNA_G

ClientSampleId :

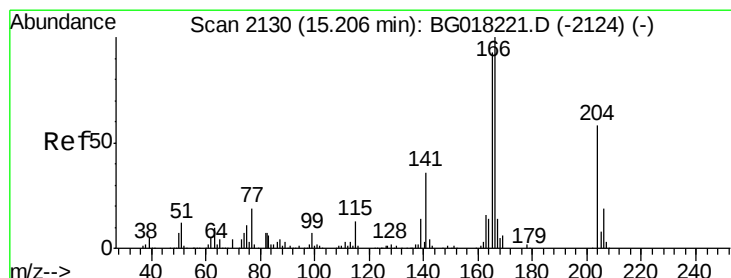
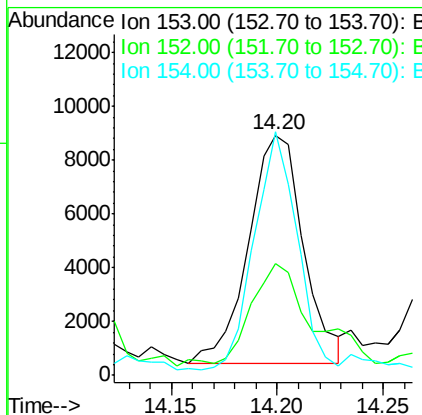
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Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.5	38.7	58.1
154	101.5	74.8	112.2

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#59

Fluorene

Concen: 3.82 ng/ul

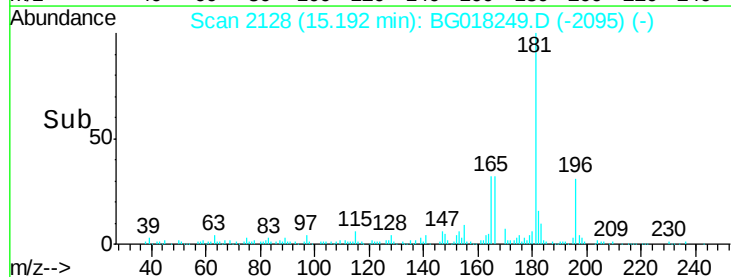
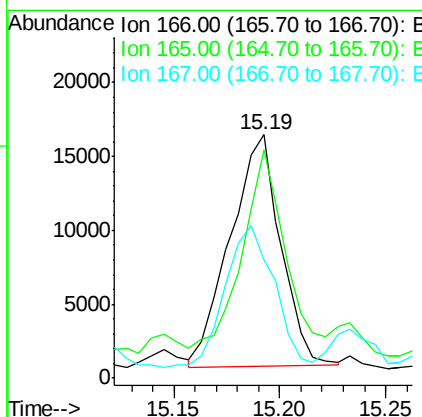
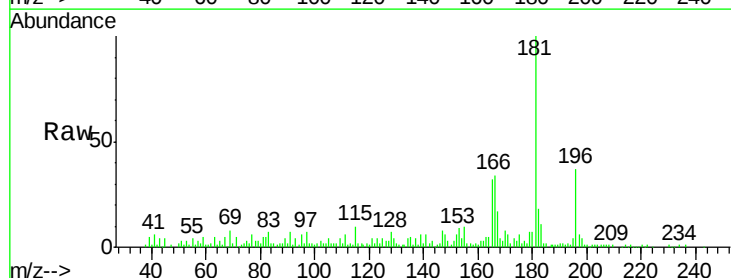
RT: 15.19 min Scan# 2128

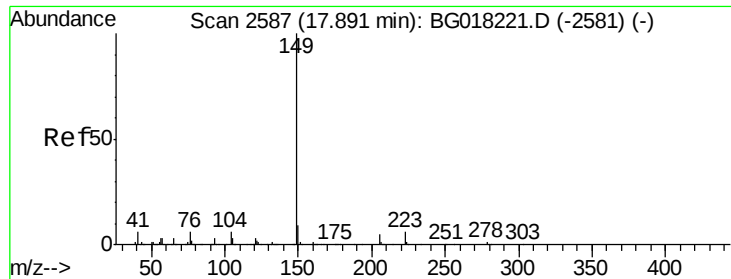
Delta R.T. -0.00 min

Lab File: BG018249.D

Acq: 3 Aug 2015 19:09

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.8	75.1	112.7
167	48.7	11.8	17.6#





#76

Di-n-butylphthalate

Concen: 1.26 ng/ul

RT: 17.88 min Scan# 2585

Delta R.T. 0.00 min

Lab File: BG018249.D

Acq: 3 Aug 2015 19:09

Instrument :

BNA_G

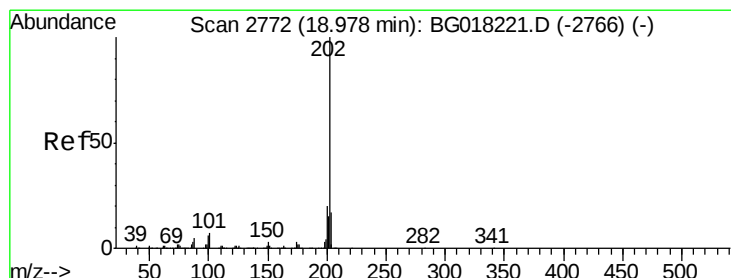
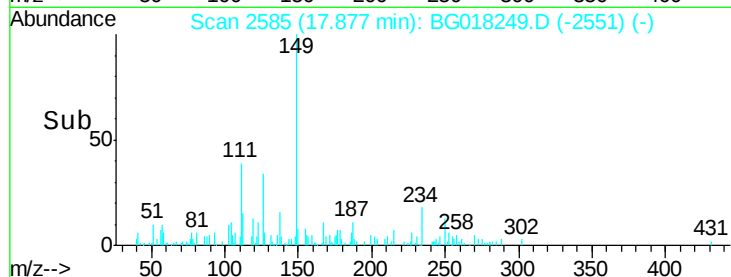
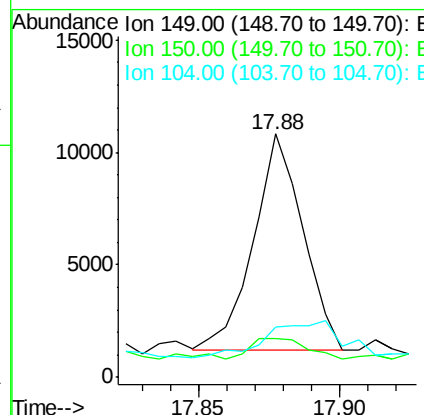
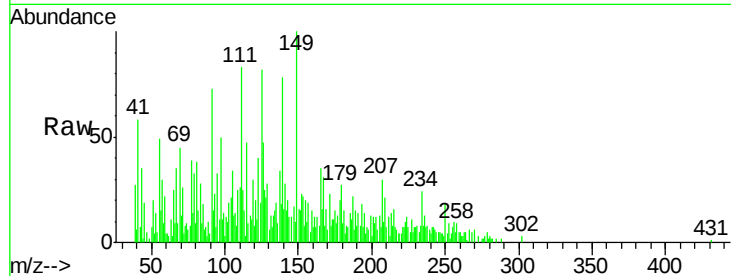
ClientSampleId :

C01W8

Tgt Ion:	149	Resp:	11698
Ion Ratio	Lower	Upper	
149	100		
150	15.8	7.7	11.5#
104	20.5	3.6	5.4#

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#77

Fluoranthene

Concen: 7.96 ng/ul

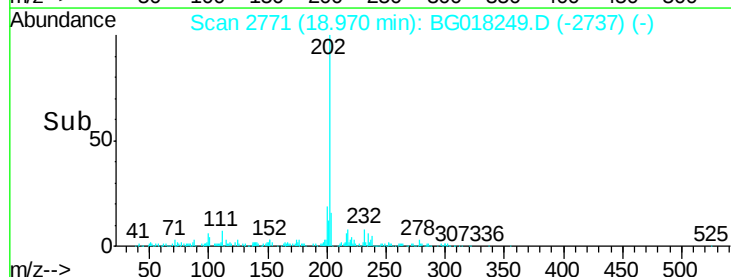
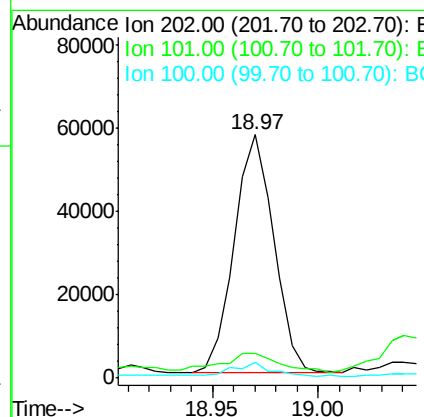
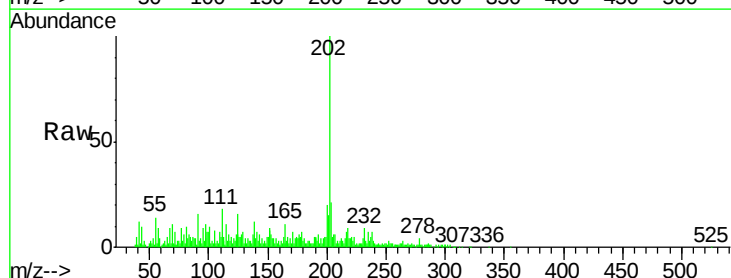
RT: 18.97 min Scan# 2771

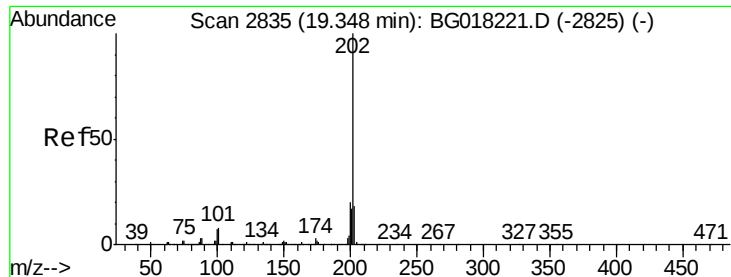
Delta R.T. 0.00 min

Lab File: BG018249.D

Acq: 3 Aug 2015 19:09

Tgt Ion:	202	Resp:	73863
Ion Ratio	Lower	Upper	
202	100		
101	10.3	7.5	11.3
100	6.6	5.5	8.3





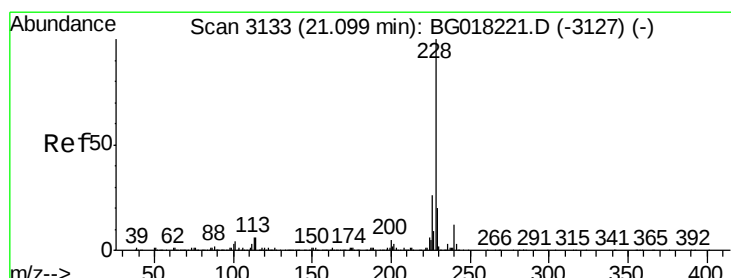
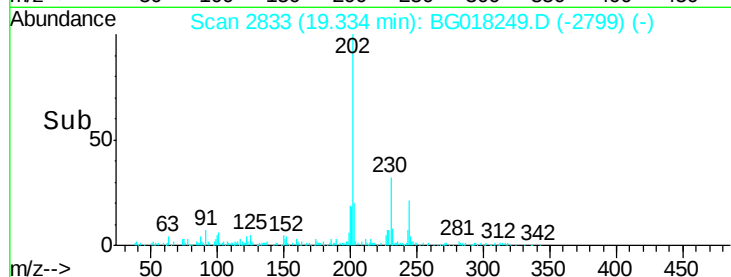
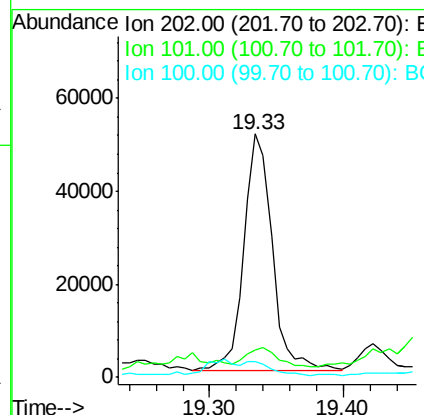
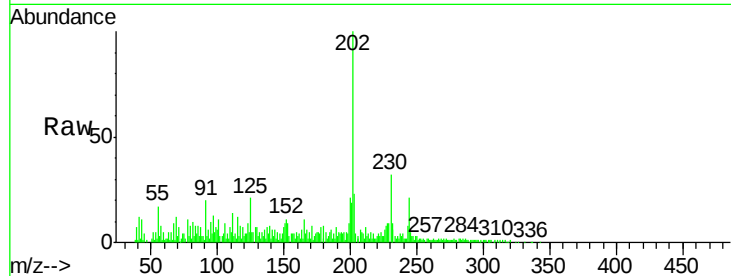
#80
 Pyrene
 Concen: 10.16 ng/ul
 RT: 19.33 min Scan# 2833
 Delta R.T. 0.00 min
 Lab File: BG018249.D
 Acq: 3 Aug 2015 19:09

Instrument :
 BNA_G
 ClientSampleId :
 C01W8

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.0	8.1	12.1
100	6.3	7.4	11.0#

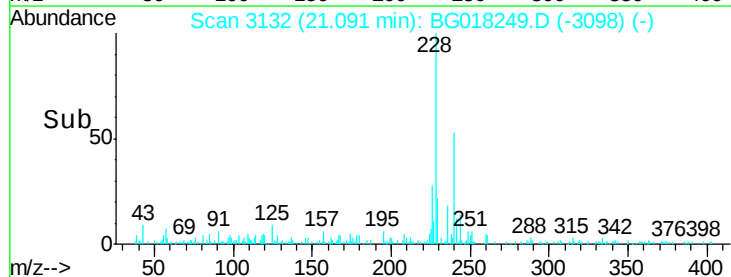
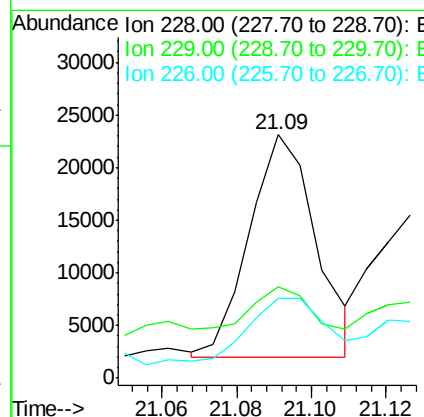
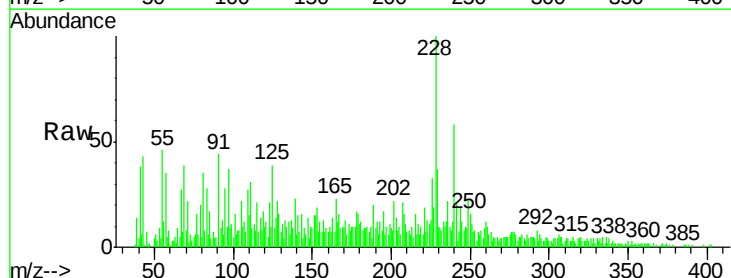
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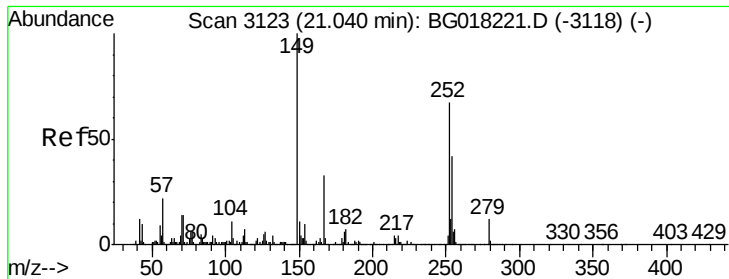
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#83
 Benzo(a)anthracene
 Concen: 4.00 ng/ul m
 RT: 21.09 min Scan# 3132
 Delta R.T. 0.00 min
 Lab File: BG018249.D
 Acq: 3 Aug 2015 19:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	37.3	16.5	24.7#
226	32.7	21.5	32.3#





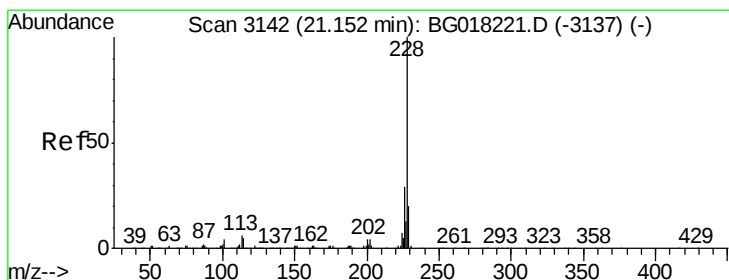
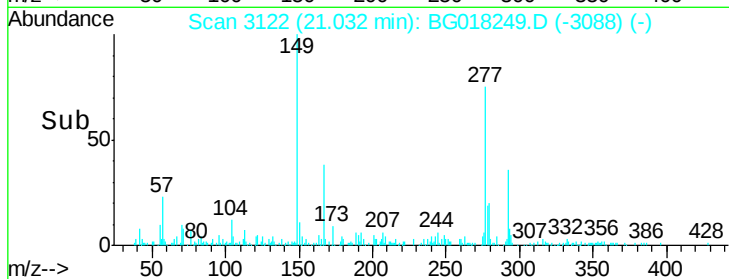
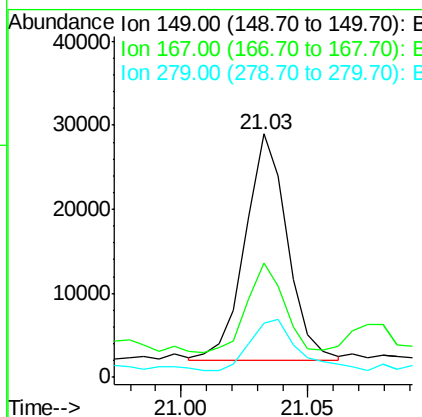
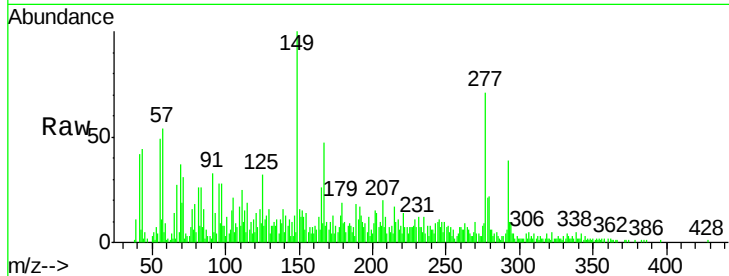
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 Bis(2-ethylhexyl)phthalate
 Concen: 7.65 ng/ul
 RT: 21.03 min Scan# 3122
 Delta R.T. 0.00 min
 Lab File: BG018249.D
 Acq: 3 Aug 2015 19:09

Instrument :
 BNA_G
 ClientSampleId :
 C01W8

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	47.2	27.4	41.2#
279	22.0	8.3	12.5#

Manual Integrations
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#85
 Chrysene
 Concen: 7.27 ng/ul m
 RT: 21.14 min Scan# 3141
 Delta R.T. 0.00 min
 Lab File: BG018249.D
 Acq: 3 Aug 2015 19:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	38.2	22.7	34.1#
229	35.1	16.2	24.2#

