

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
 Data File : BG021408.D
 Acq On : 10 Mar 2016 14:56
 Operator : UM/SJ
 Sample : H1616-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BLDG06-P004-SS001-01

Manual Integrations
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 3/11/2016 5:28:15 PM

Quant Time: Mar 11 12:03:56 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 11 00:30:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	13129	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	70643	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	44069	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	88180	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	107798	20.00	ng/ul	0.01
86) Perylene-d12	25.01	264	99419	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	799	2.85	ng/uL	0.00
5) Phenol-d5	7.30	99	27638	18.60	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.44	67	17550	18.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	19462	19.18	ng/ul	0.01
13) 4-Methylphenol-d8	8.84	113	23978	19.96	ng/ul	0.02
19) Nitrobenzene-d5	9.29	128	10984	19.30	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	11557	18.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	22330	19.66	ng/ul	0.02
29) 4-Chloroaniline-d4	11.07	131	24344	16.34	ng/ul	0.01
44) Dimethylphthalate-d6	14.14	166	73948	19.39	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	95914	20.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	9130	12.66	ng/ul	0.07
58) Fluorene-d10	15.72	176	65653	19.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.84	200	10367	17.57	ng/ul	0.00
71) Anthracene-d10	17.57	188	92712	21.06	ng/ul	0.00
79) Pyrene-d10	19.85	212	106112	19.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	113929	21.43	ng/ul	0.02

Target Compounds

						Qvalue
28) Naphthalene	10.98	128	5142	1.30	ng/ul#	95
45) Dimethylphthalate	14.18	163	27848	6.83	ng/ul	99
50) Acenaphthene	14.80	153	7743	2.34	ng/ul	95
54) Dibenzofuran	15.13	168	6867	1.51	ng/ul	93
57) Diethylphthalate	15.54	149	18827	4.20	ng/ul	98
59) Fluorene	15.78	166	11303	2.84	ng/ul	92
70) Phenanthrene	17.52	178	123552	23.55	ng/ul	96
72) Anthracene	17.61	178	28699	5.37	ng/ul	98
75) Carbazole	17.88	167	6624	1.43	ng/ul	93
77) Fluoranthene	19.52	202	156345	25.81	ng/ul	100
80) Pyrene	19.88	202	151361	20.98	ng/ul	98
83) Benzo(a)anthracene	21.72	228	77368	10.99	ng/ul#	90
85) Chrysene	21.79	228	60738	9.32	ng/ul#	90
88) Benzo(b)fluoranthene	23.97	252	82559	12.14	ng/ul#	97
89) Benzo(k)fluoranthene	24.03	252	26801	4.05	ng/ul#	88
91) Benzo(a)pyrene	24.87	252	66033	9.89	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	28.74	276	36445	4.97	ng/ul	97
94) Benzo(g,h,i)perylene	29.91	276	37580m	6.21	ng/ul	

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

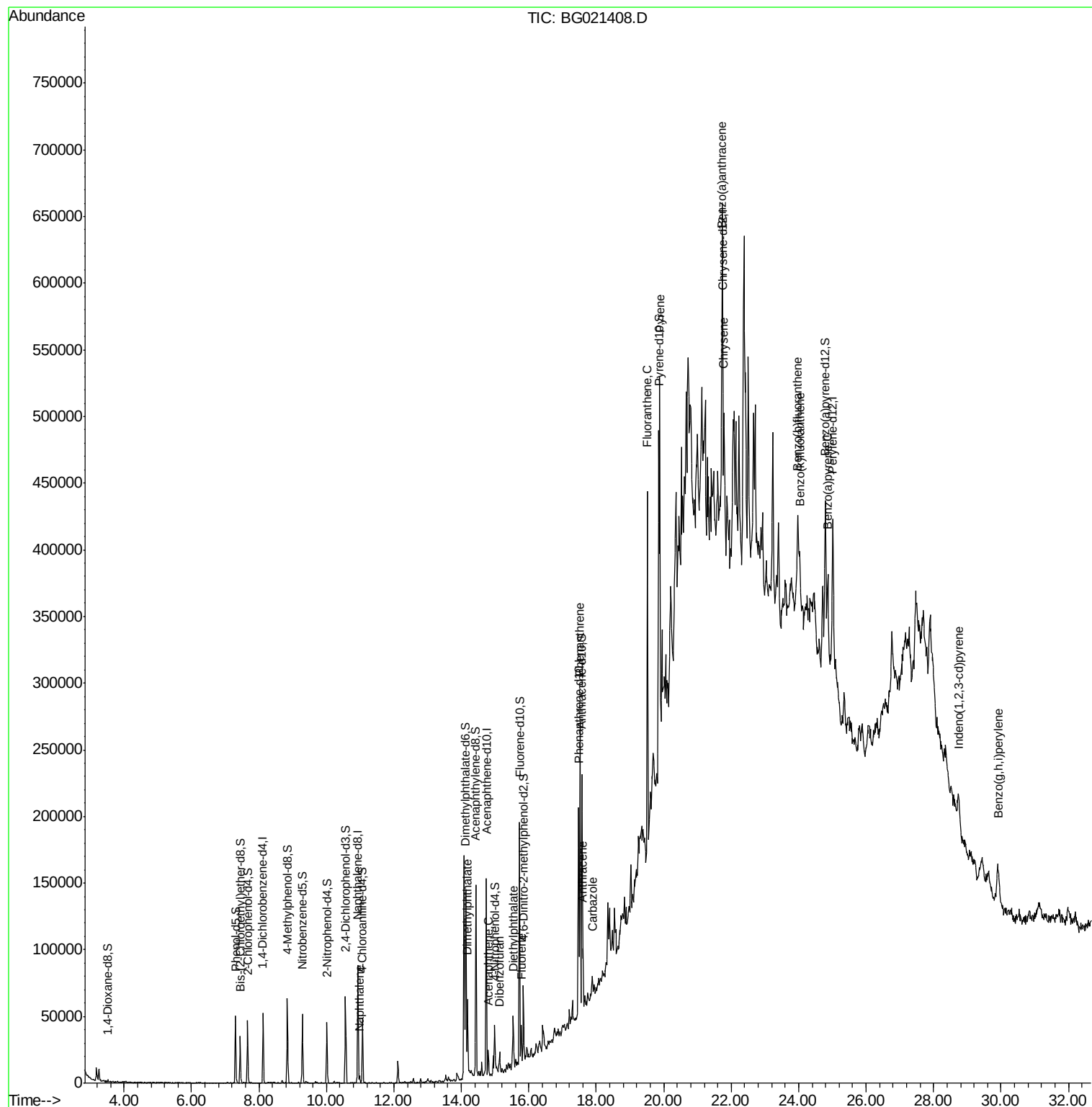
Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021408.D
Acq On : 10 Mar 2016 14:56
Operator : UM/SJ
Sample : H1616-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

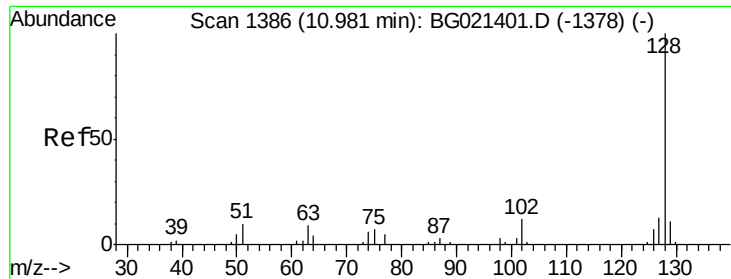
Instrument :
BNA_G
ClientSampleId :
BLDG06-P004-SS001-01

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Quant Time: Mar 11 12:03:56 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION
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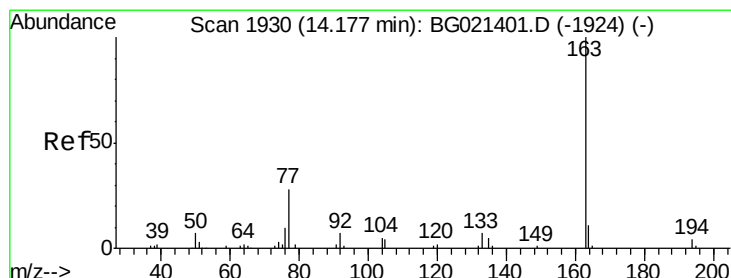
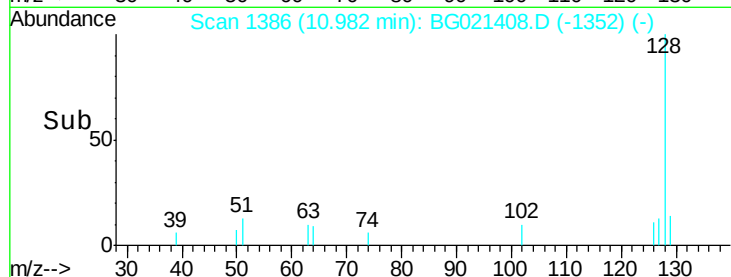
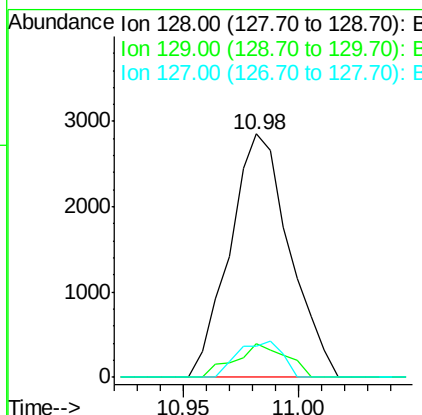
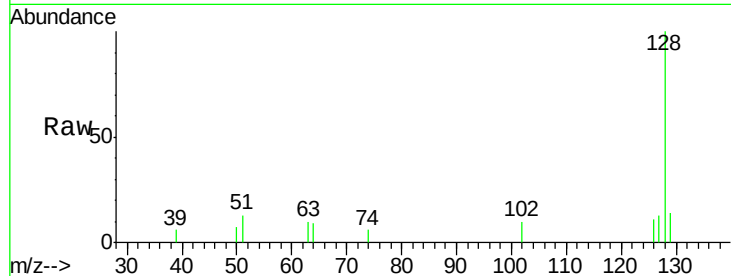
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Naphthalene
Concen: 1.30 ng/ul
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG021408.D
Acq: 10 Mar 2016 14:56

Instrument :
BNA_G
ClientSampleId :
BLDG06-P004-SS001-01

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.9	8.3	12.5#
127	12.7	10.8	16.2

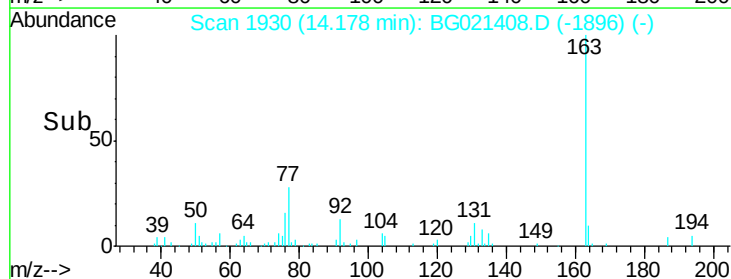
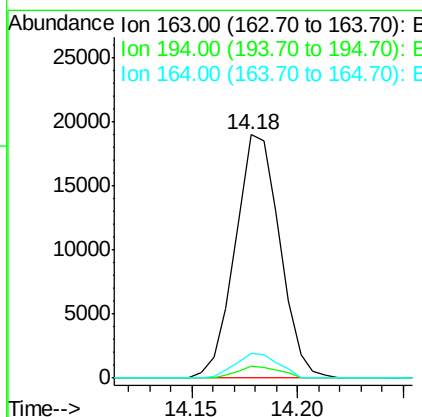
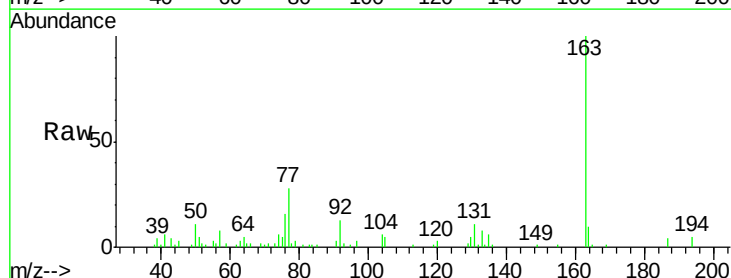
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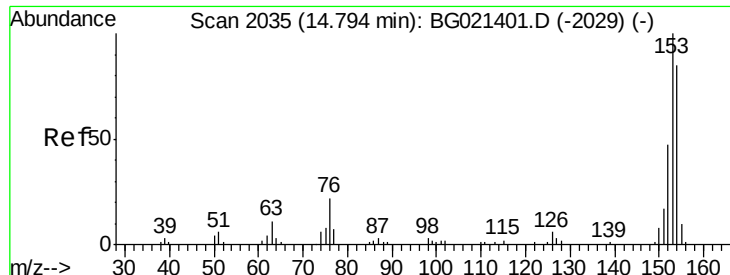
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#45
Dimethylphthalate
Concen: 6.83 ng/ul
RT: 14.18 min Scan# 1930
Delta R.T. 0.00 min
Lab File: BG021408.D
Acq: 10 Mar 2016 14:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.9	5.9
164	10.4	8.7	13.1





#50

Acenaphthene

Concen: 2.34 ng/ul

RT: 14.80 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BG021408.D

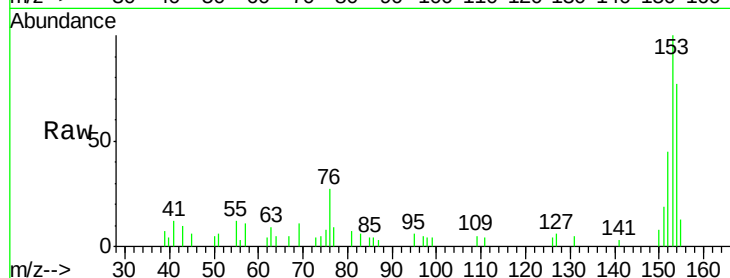
Acq: 10 Mar 2016 14:56

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:153 Resp: 7743

Ion Ratio Lower Upper

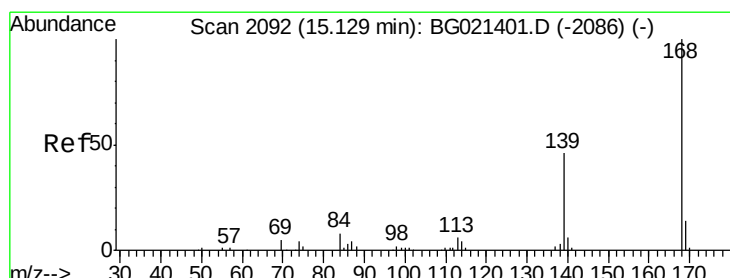
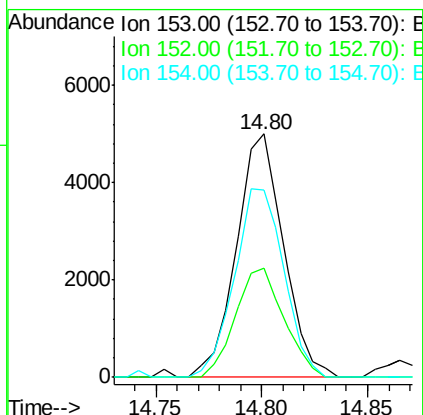
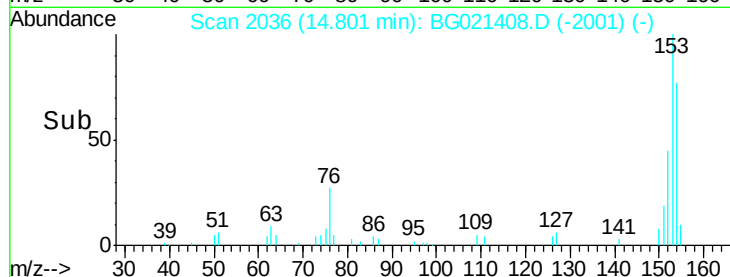
153 100

152 45.1 36.5 54.7

154 77.0 67.3 100.9

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#54

Dibenzofuran

Concen: 1.51 ng/ul

RT: 15.13 min Scan# 2092

Delta R.T. 0.00 min

Lab File: BG021408.D

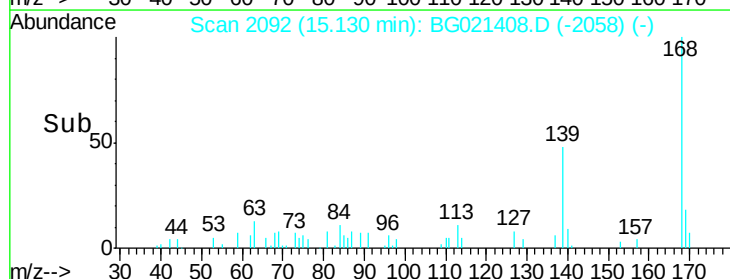
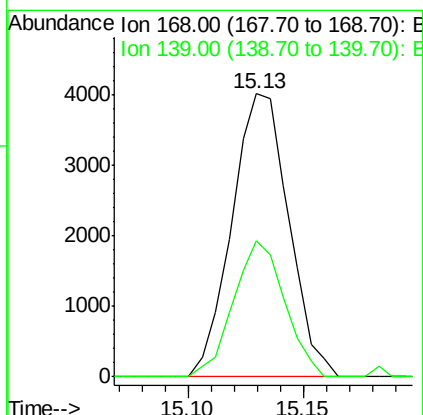
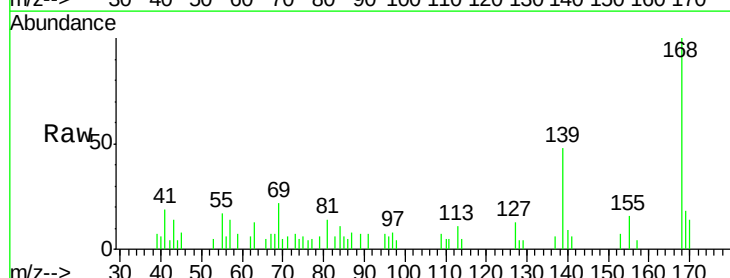
Acq: 10 Mar 2016 14:56

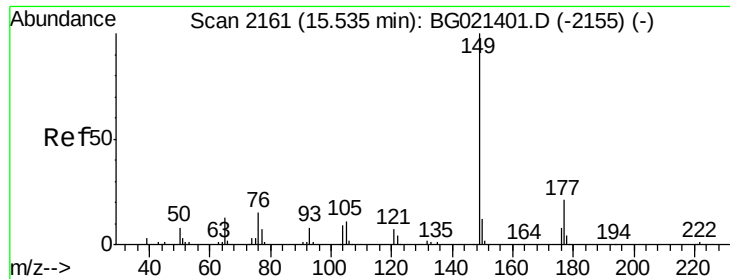
Tgt Ion:168 Resp: 6867

Ion Ratio Lower Upper

168 100

139 48.2 35.2 52.8





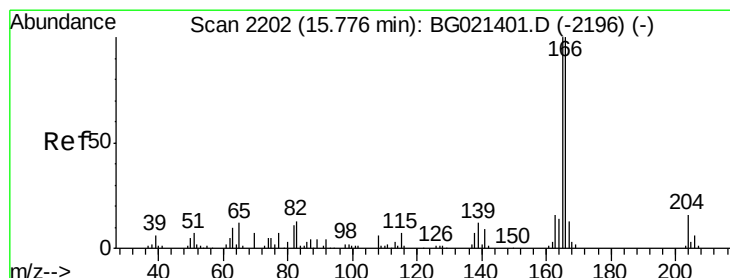
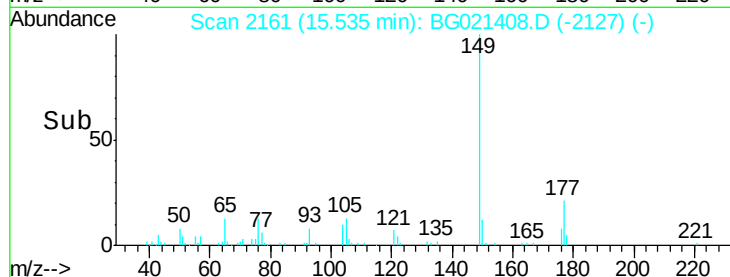
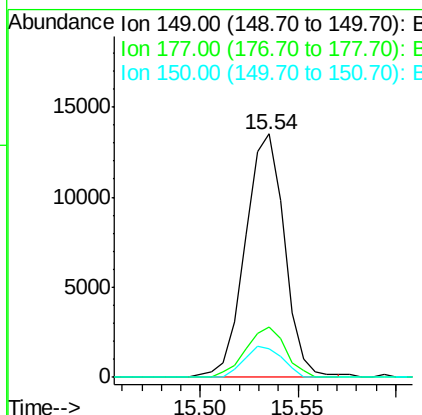
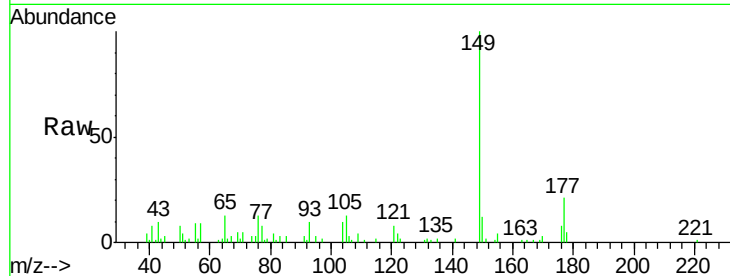
#57
Diethylphthalate
Concen: 4.20 ng/ul
RT: 15.54 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BG021408.D
Acq: 10 Mar 2016 14:56

Instrument :
BNA_G
ClientSampleId :
BLDG06-P004-SS001-01

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.8	17.4	26.2
150	11.7	10.2	15.2

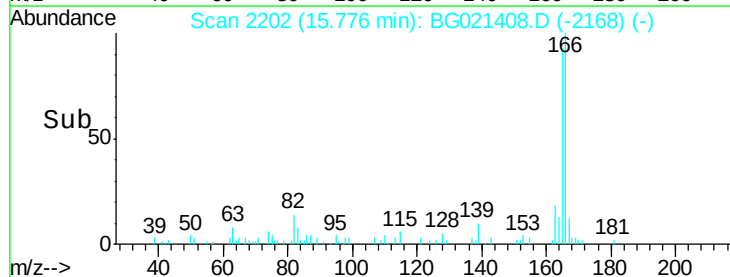
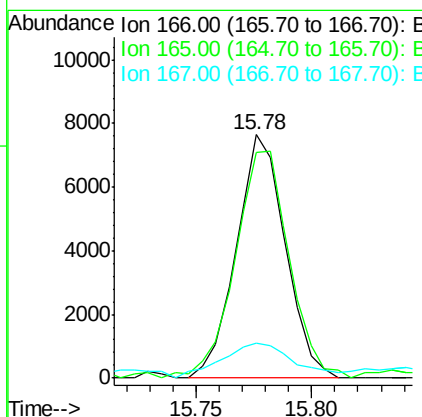
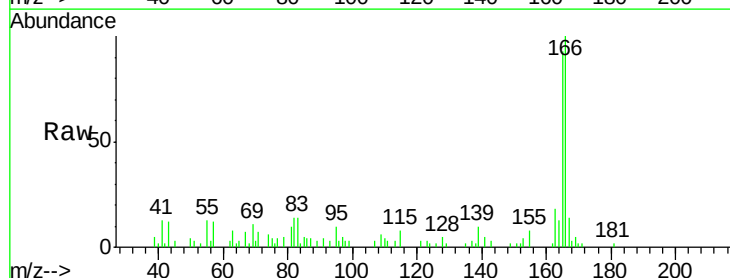
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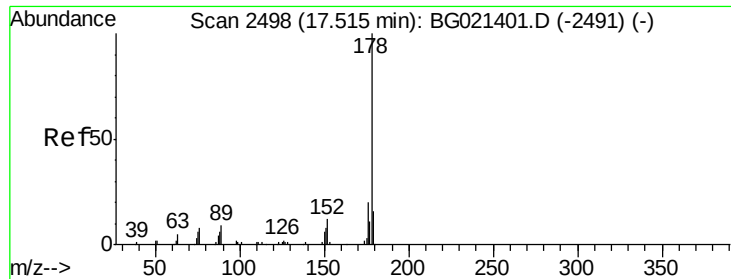
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#59
Fluorene
Concen: 2.84 ng/ul
RT: 15.78 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BG021408.D
Acq: 10 Mar 2016 14:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.5	81.1	121.7
167	14.5	10.6	16.0





#70

Phenanthrene

Concen: 23.55 ng/ul

RT: 17.52 min Scan# 2499

Delta R.T. 0.01 min

Lab File: BG021408.D

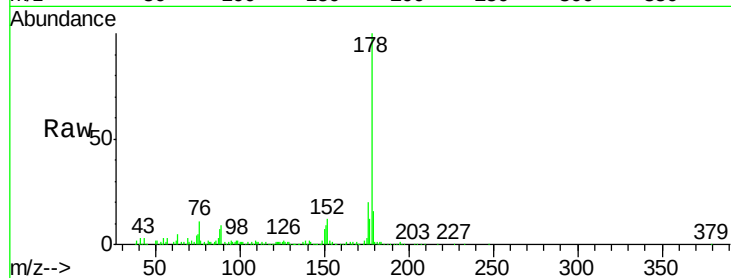
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Instrument :

BNA_G

ClientSampleId :

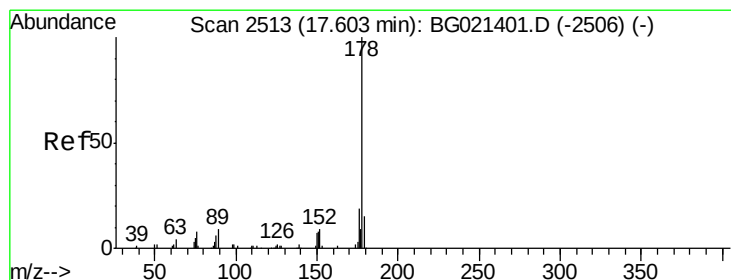
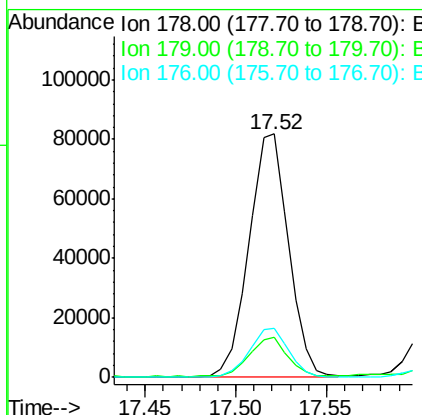
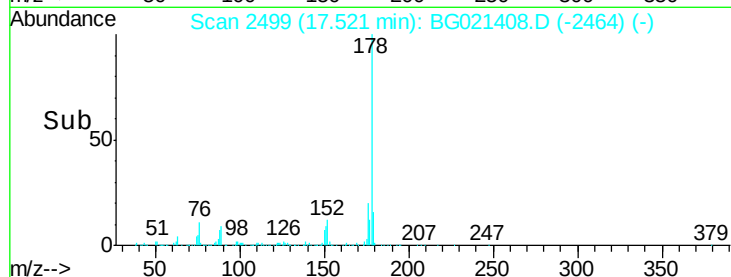
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	11.8	17.8
176	20.3	14.8	22.2

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#72

Anthracene

Concen: 5.37 ng/ul

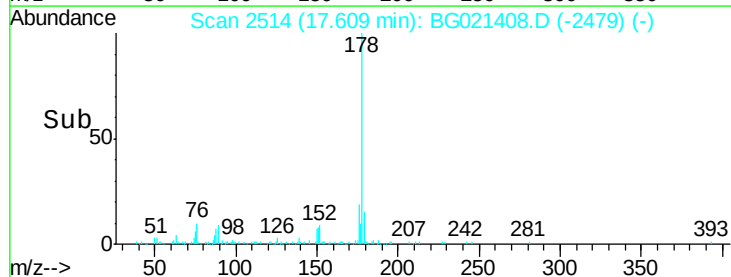
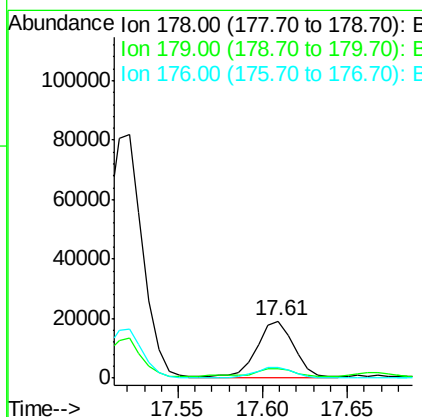
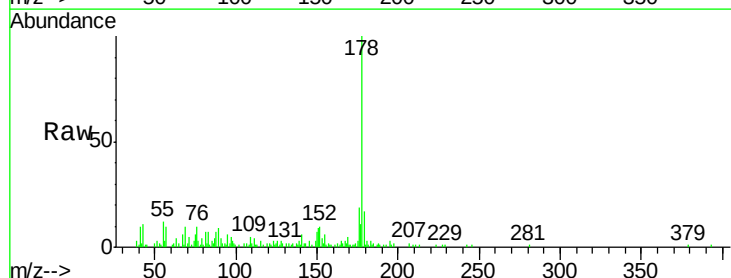
RT: 17.61 min Scan# 2514

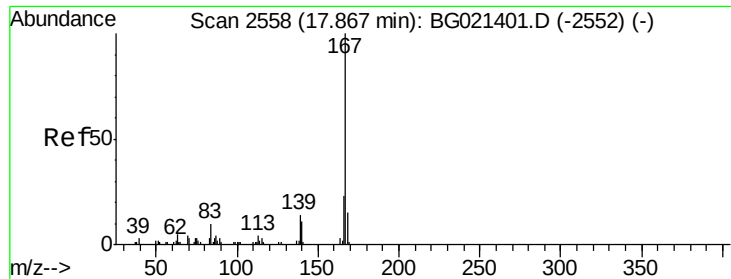
Delta R.T. 0.01 min

Lab File: BG021408.D

Acq: 10 Mar 2016 14:56

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.9	19.3
176	18.5	15.6	23.4





#75

Carbazole

Concen: 1.43 ng/ul

RT: 17.88 min Scan# 2560

Delta R.T. 0.01 min

Lab File: BG021408.D

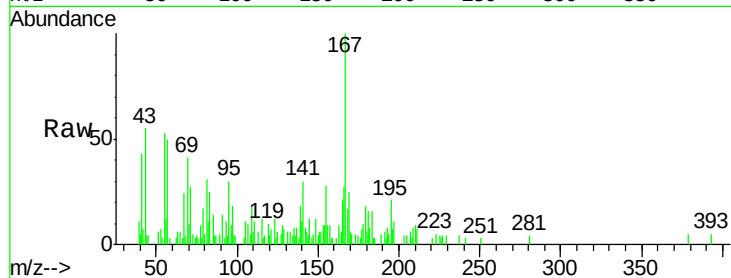
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Instrument :

BNA_G

ClientSampleId :

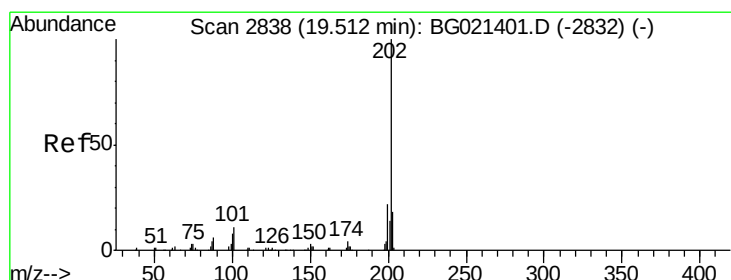
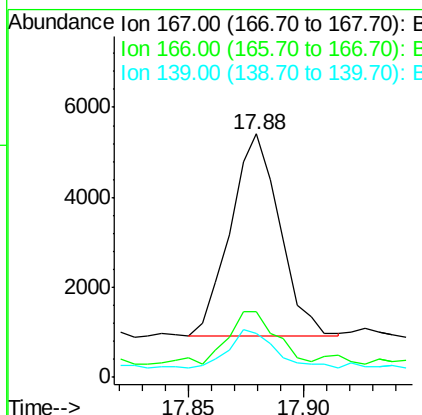
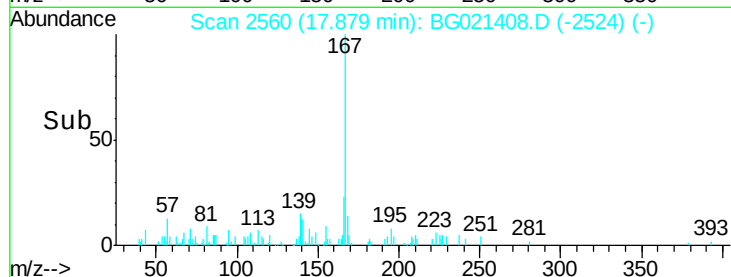
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Tgt Ion	Ratio	Lower	Upper
167	100		
166	27.0	19.0	28.4
139	17.9	12.2	18.4

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#77

Fluoranthene

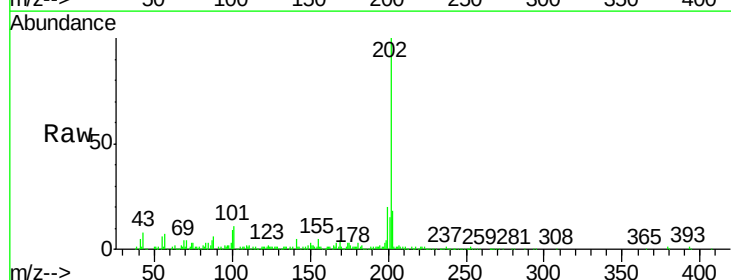
Concen: 25.81 ng/ul

RT: 19.52 min Scan# 2839

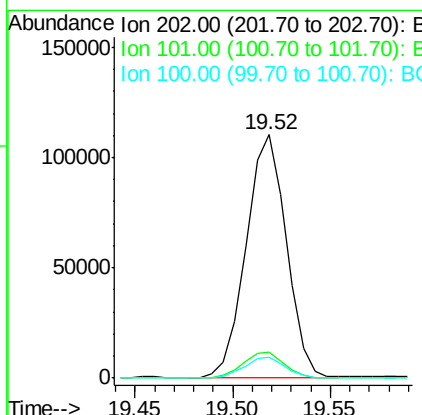
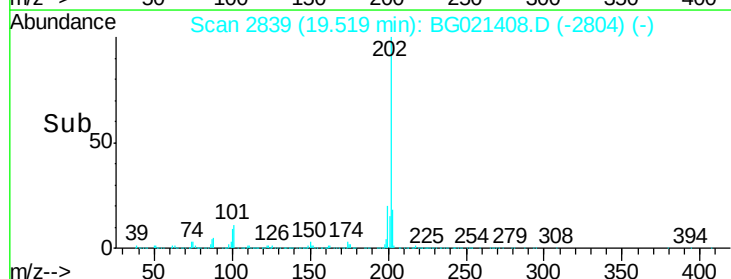
Delta R.T. 0.01 min

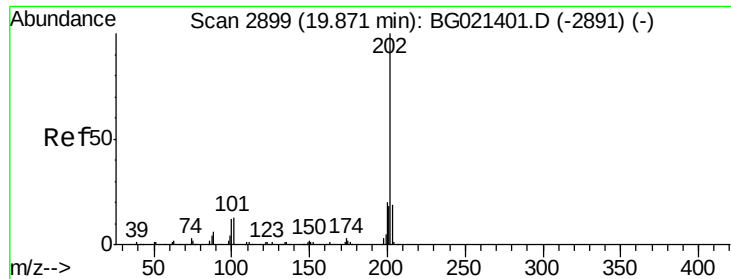
Lab File: BG021408.D

Acq: 10 Mar 2016 14:56



Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.9	13.3
100	8.8	7.0	10.4





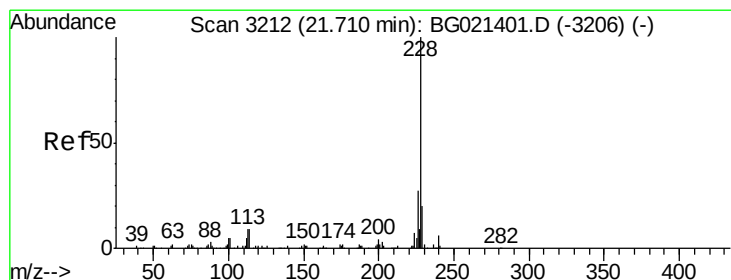
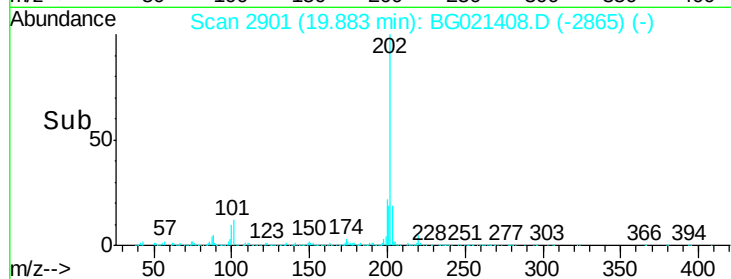
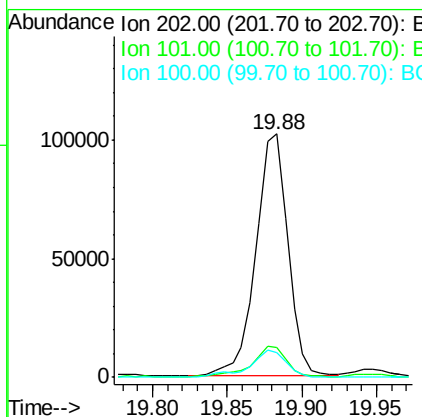
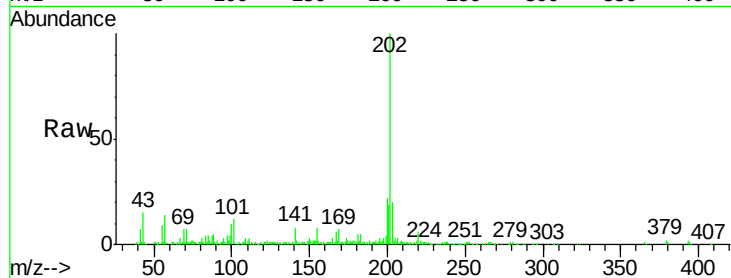
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 Pyrene
 Concen: 20.98 ng/ul
 RT: 19.88 min Scan# 2901
 Delta R.T. 0.01 min
 Lab File: BG021408.D
 Acq: 10 Mar 2016 14:56

Instrument :
 BNA_G
 ClientSampleId :
 BLDG06-P004-SS001-01

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100				
101	12.3		9.8	14.8	
100	10.3		9.3	13.9	

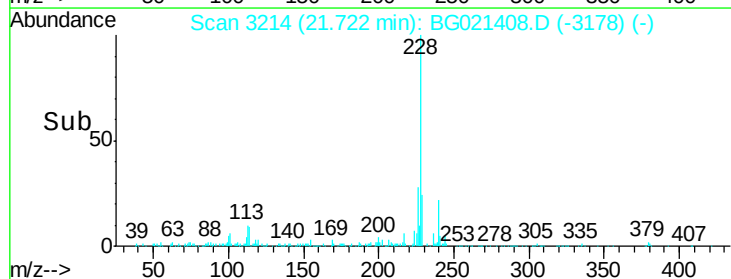
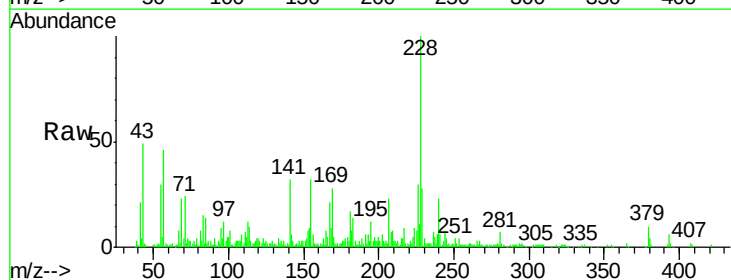
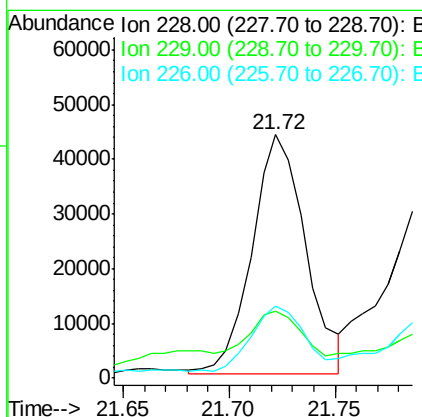
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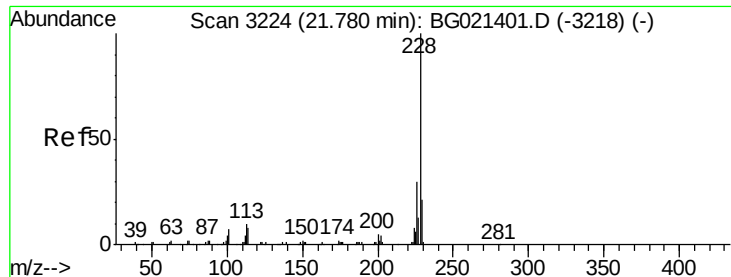
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#83
 Benzo(a)anthracene
 Concen: 10.99 ng/ul
 RT: 21.72 min Scan# 3214
 Delta R.T. 0.01 min
 Lab File: BG021408.D
 Acq: 10 Mar 2016 14:56

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100				
229	27.6		16.6	25.0#	
226	29.7		21.0	31.4	





#85

Chrysene

Concen: 9.32 ng/ul

RT: 21.79 min Scan# 3225

Delta R.T. 0.01 min

Lab File: BG021408.D

Acq: 10 Mar 2016 14:56

Instrument :

BNA_G

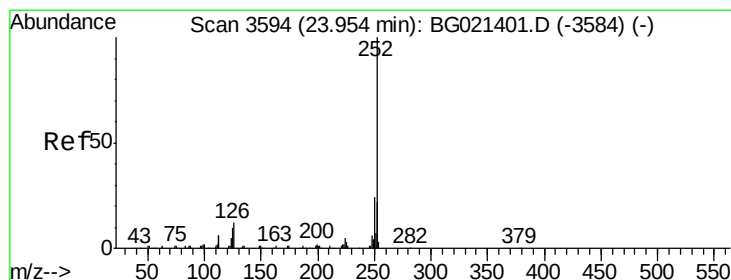
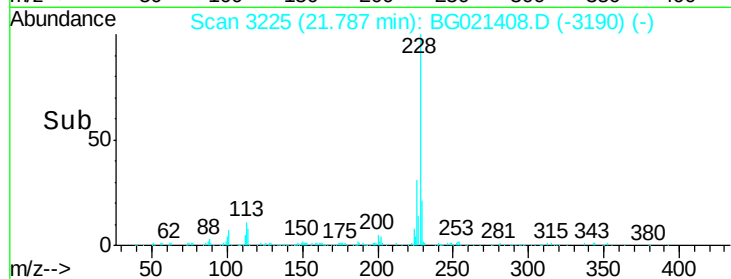
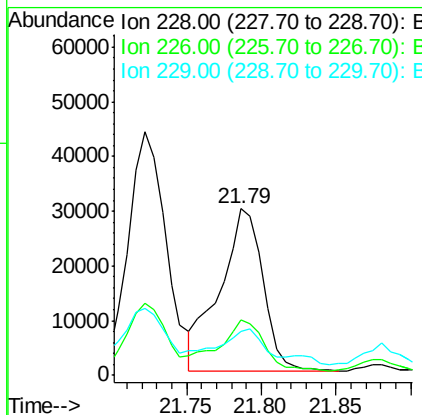
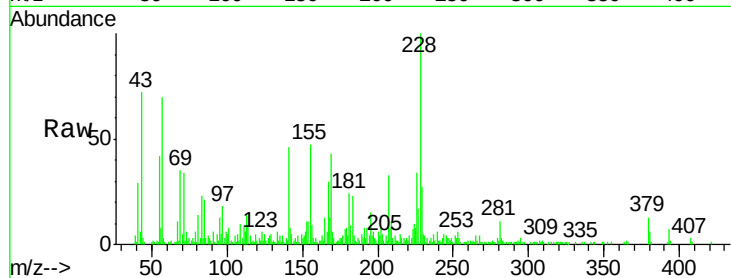
ClientSampleId :

BLDG06-P004-SS001-01

Tgt Ion:	228	Resp:	60738
Ion Ratio	Lower	Upper	
228	100		
226	33.5	23.4	35.2
229	26.7	16.2	24.2#

Manual Integrations
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3/11/2016 5:28:15 PM



#88

Benzo(b)fluoranthene

Concen: 12.14 ng/ul

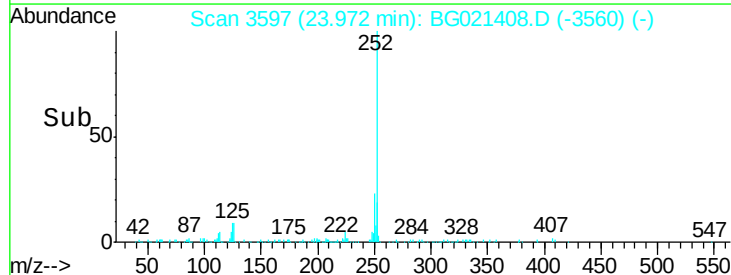
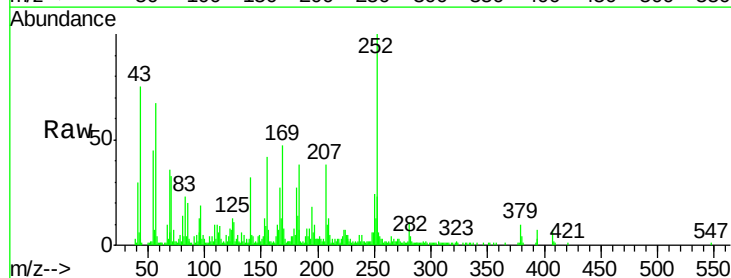
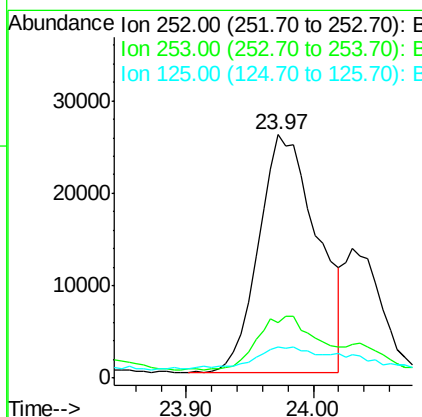
RT: 23.97 min Scan# 3597

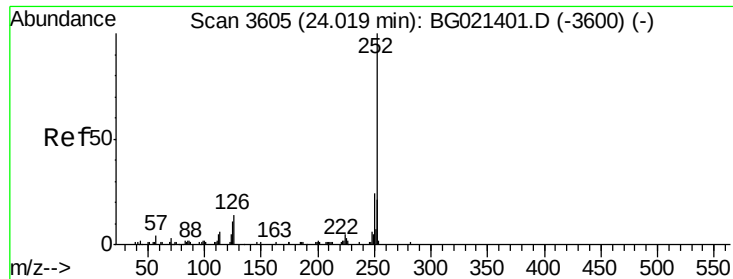
Delta R.T. 0.02 min

Lab File: BG021408.D

Acq: 10 Mar 2016 14:56

Tgt Ion:	252	Resp:	82559
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.1	27.1
125	12.9	7.6	11.4#





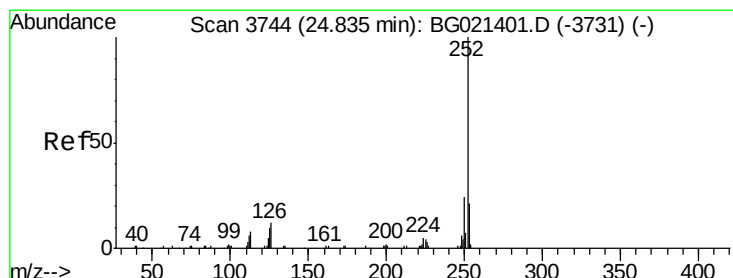
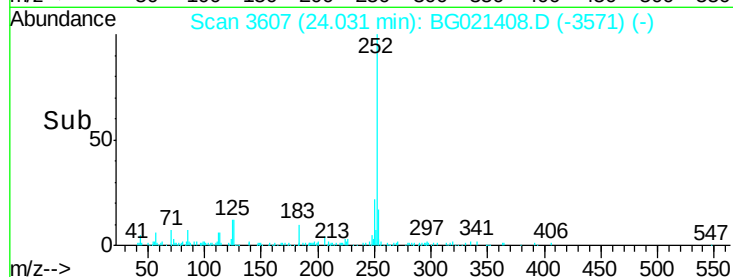
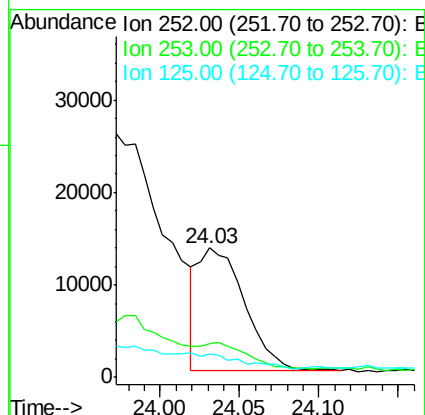
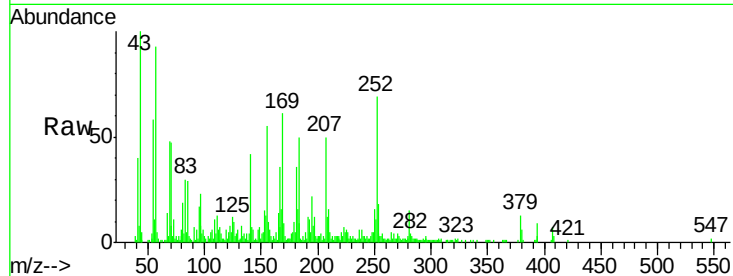
#89
Benzo(k)fluoranthene
Concen: 4.05 ng/ul
RT: 24.03 min Scan# 3607
Delta R.T. 0.01 min
Lab File: BG021408.D
Acq: 10 Mar 2016 14:56

Instrument :
BNA_G
ClientSampleId :
BLDG06-P004-SS001-01

Tgt Ion:	252	Resp:	26801
Ion Ratio	Lower	Upper	
252	100		
253	26.1	17.8	26.8
125	17.8	7.7	11.5#

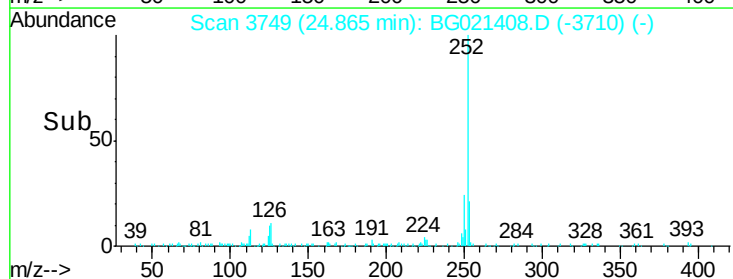
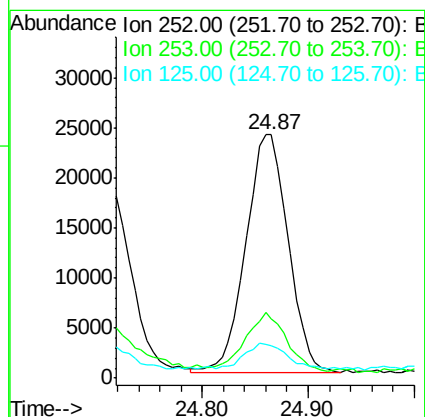
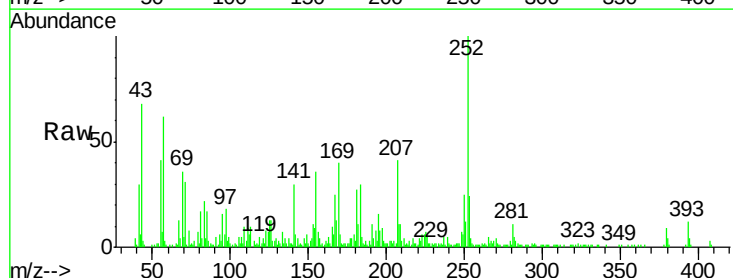
Manual Integrations
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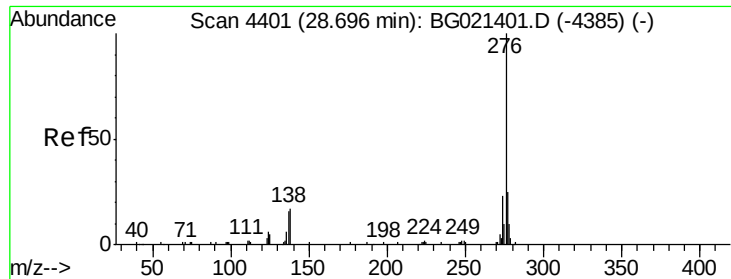
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#91
Benzo(a)pyrene
Concen: 9.89 ng/ul
RT: 24.87 min Scan# 3749
Delta R.T. 0.03 min
Lab File: BG021408.D
Acq: 10 Mar 2016 14:56

Tgt Ion:	252	Resp:	66033
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.4	26.0
125	13.5	8.2	12.2#





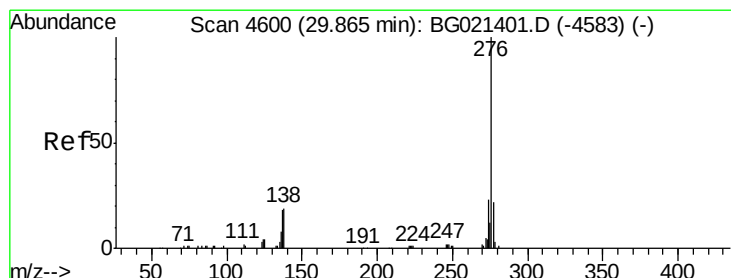
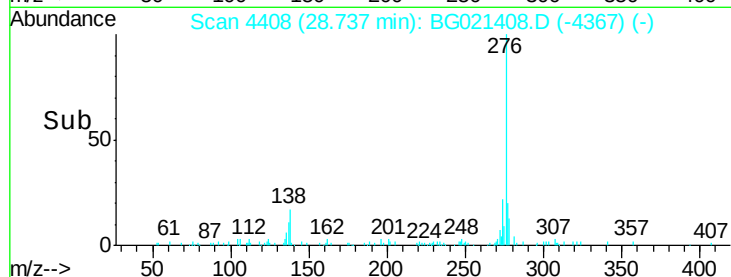
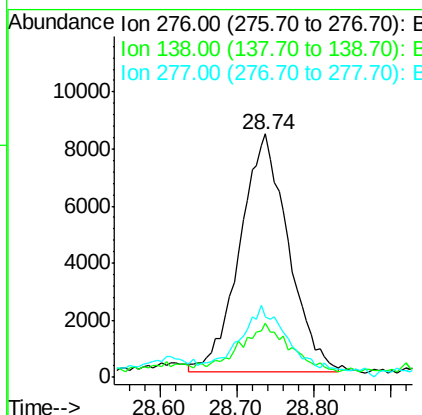
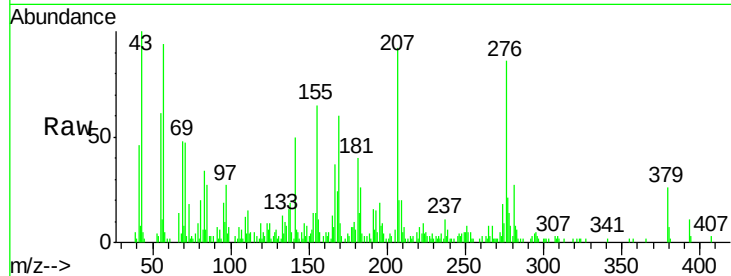
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 4.97 ng/ul
 RT: 28.74 min Scan# 4408
 Delta R.T. 0.04 min
 Lab File: BG021408.D
 Acq: 10 Mar 2016 14:56

Instrument :
 BNA_G
 ClientSampleId :
 BLDG06-P004-SS001-01

Tgt Ion:	276	Resp:	36445
Ion Ratio	Lower	Upper	
276	100		
138	22.1	15.8	23.6
277	24.6	19.0	28.6

Manual Integrations
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#94
 Benzo(g,h,i)perylene
 Concen: 6.21 ng/ul m
 RT: 29.91 min Scan# 4607
 Delta R.T. 0.04 min
 Lab File: BG021408.D
 Acq: 10 Mar 2016 14:56

Tgt Ion:	276	Resp:	37580
Ion Ratio	Lower	Upper	
276	100		
138	23.6	13.9	20.9#
277	26.5	19.8	29.6

