

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
 Data File : BG020436.D
 Acq On : 23 Dec 2015 10:13
 Operator : UM/SJ
 Sample : G4768-13DL 125X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 D9N37DL

Manual Integrations
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 12/24/2015 5:32:27 PM

Quant Time: Dec 23 11:23:40 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 22 05:02:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	12463	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	58157	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	46887	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	132573	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	171179	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	164929	20.00	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	8.62	113	178	0.19	ng/ul	-0.19
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.12	166	1473	0.39	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	1381	0.31	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	1442	0.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.56	188	2839m	0.46	ng/ul	0.00
79) Pyrene-d10	19.84	212	2577	0.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	3062	0.37	ng/ul	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.95	128	180862	59.55	ng/ul	99
34) 2-Methylnaphthalene	12.55	142	16316	7.03	ng/ul	100
41) 1,1'-Biphenyl	13.55	154	5508	1.56	ng/ul#	85
50) Acenaphthene	14.78	153	24588	7.80	ng/ul	97
54) Dibenzofuran	15.11	168	20275	4.32	ng/ul	97
59) Fluorene	15.76	166	13828	3.67	ng/ul	94
70) Phenanthrene	17.50	178	30575	4.22	ng/ul	98
75) Carbazole	17.86	167	35954	5.82	ng/ul	96

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

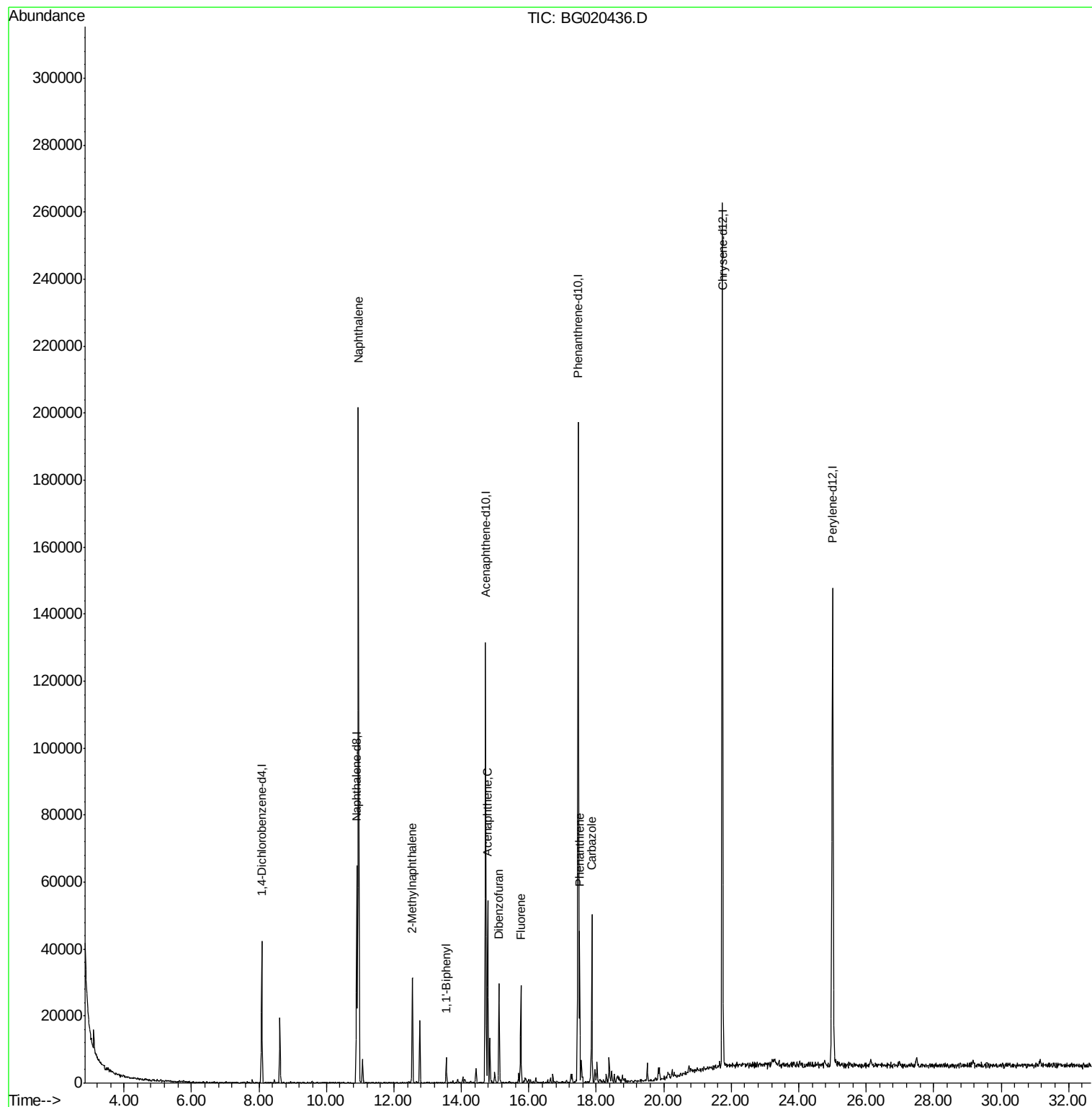
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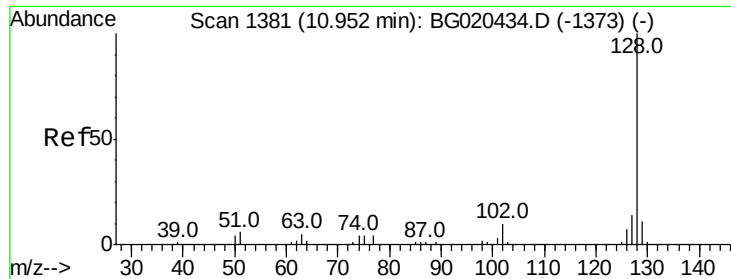
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Dec 23 11:23:40 2015
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





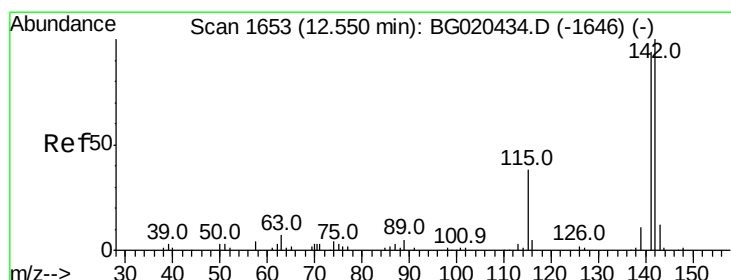
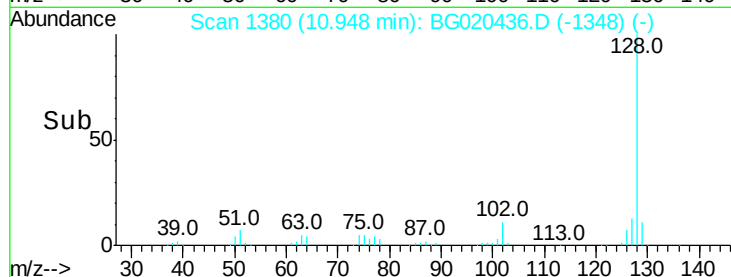
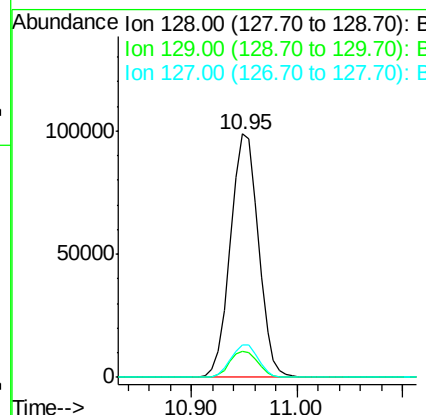
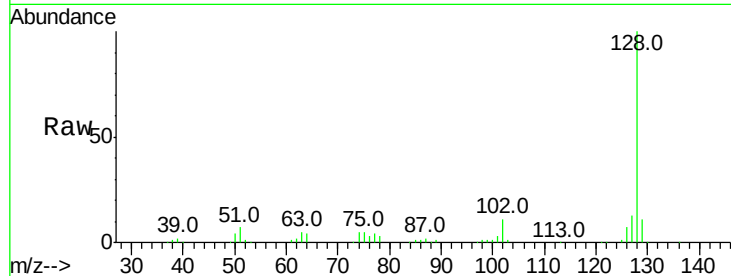
#28
Naphthalene
Concen: 59.55 ng/ul
RT: 10.95 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG020436.D
Acq: 23 Dec 2015 10:13

Instrument :
BNA_G
ClientSampleId :
D9N37DL

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.7	8.6	12.8	
127	13.5	10.1	15.1	

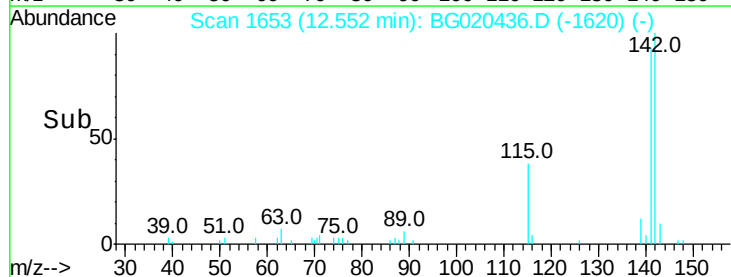
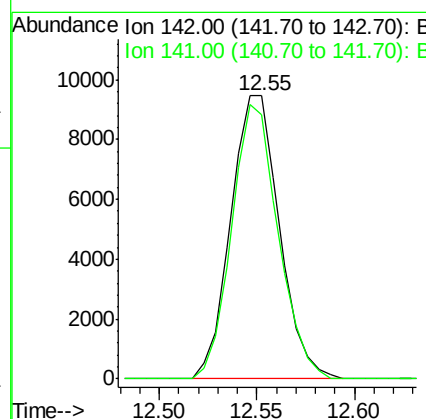
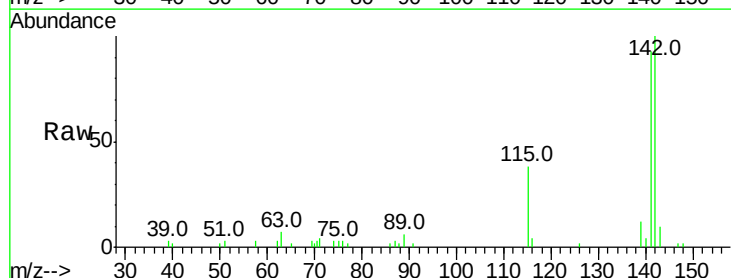
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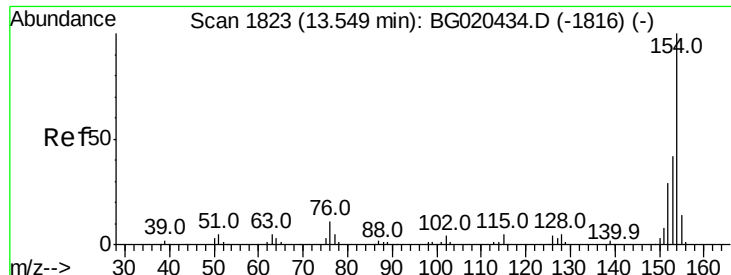
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#34
2-Methylnaphthalene
Concen: 7.03 ng/ul
RT: 12.55 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BG020436.D
Acq: 23 Dec 2015 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	93.2	74.9	112.3	





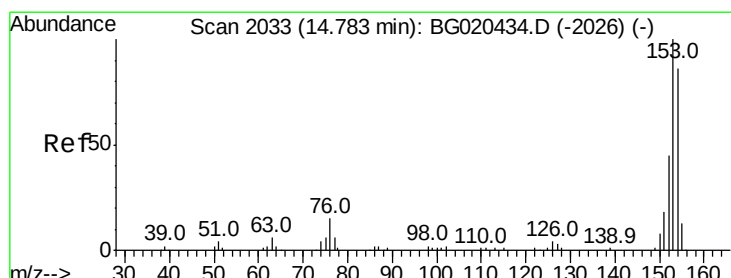
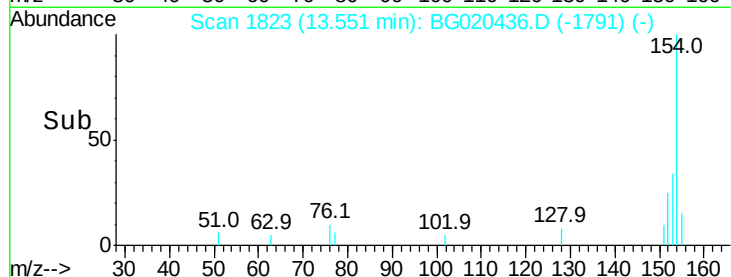
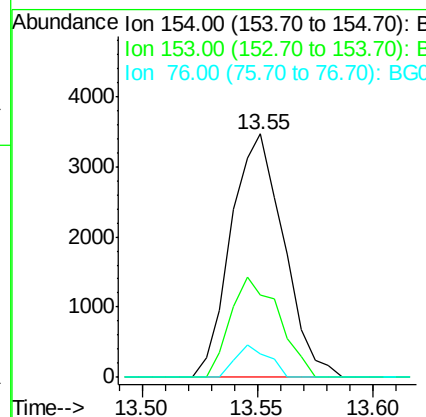
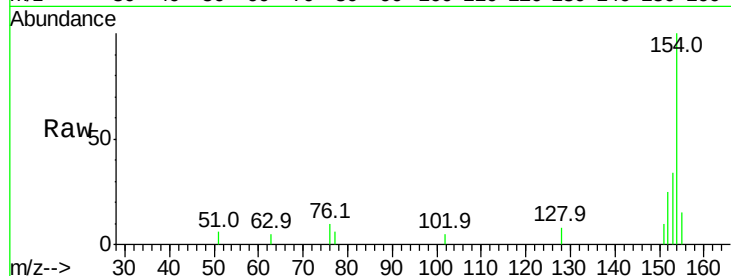
#41
 1,1'-Biphenyl
 Concen: 1.56 ng/ul
 RT: 13.55 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BG020436.D
 Acq: 23 Dec 2015 10:13

Instrument :
 BNA_G
 ClientSampleId :
 D9N37DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	33.6	35.5	53.3#
76	9.8	10.4	15.6#

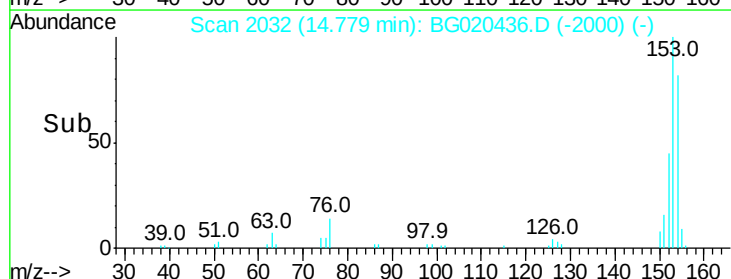
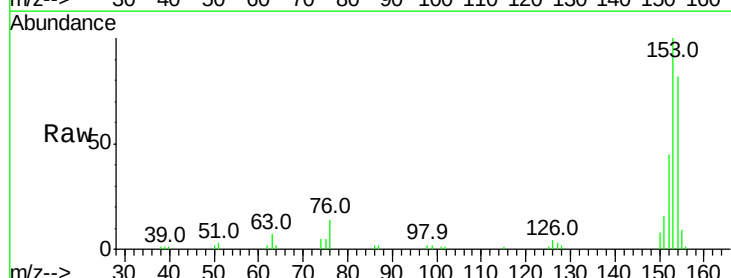
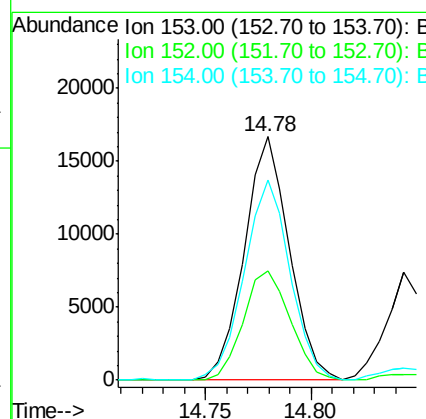
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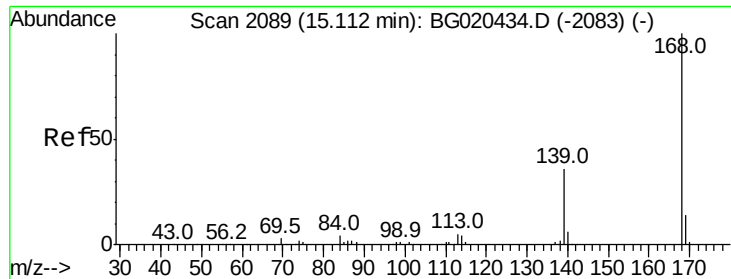
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#50
 Acenaphthene
 Concen: 7.80 ng/ul
 RT: 14.78 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BG020436.D
 Acq: 23 Dec 2015 10:13

Tgt Ion	Ratio	Lower	Upper
153	100		
152	44.7	37.6	56.4
154	82.1	67.9	101.9





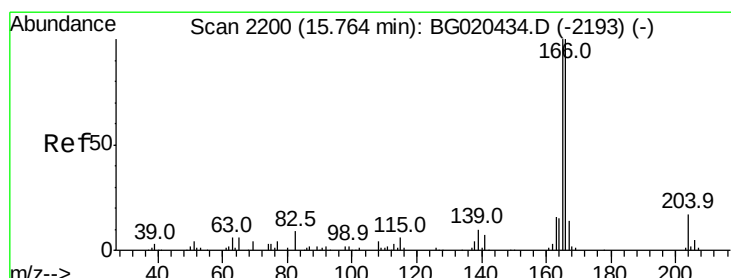
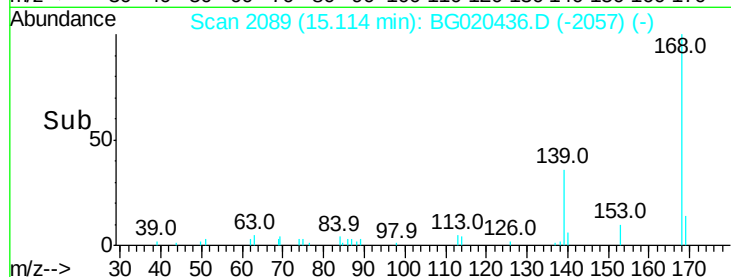
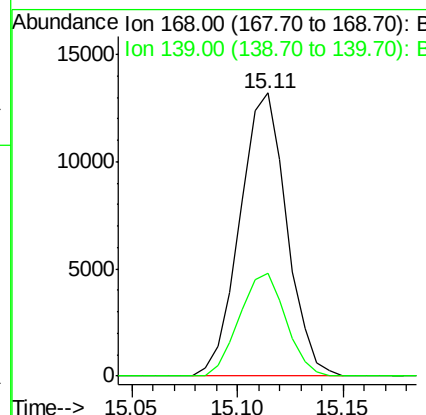
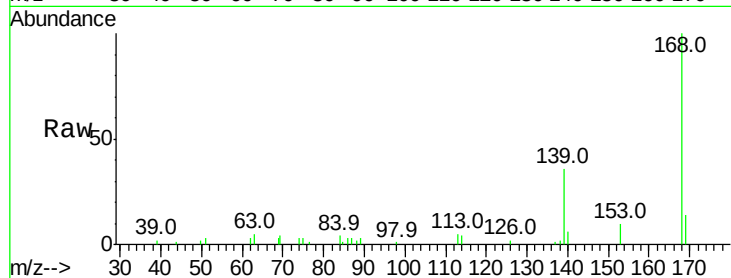
#54
Dibenzenofuran
Concen: 4.32 ng/ul
RT: 15.11 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BG020436.D
Acq: 23 Dec 2015 10:13

Instrument :
BNA_G
ClientSampleId :
D9N37DL

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.5	30.5	45.7

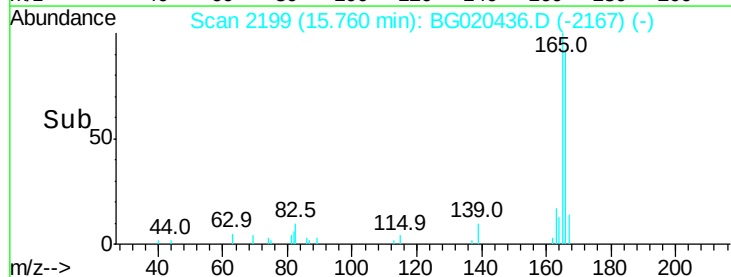
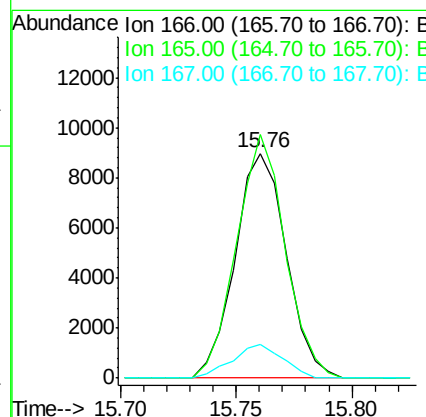
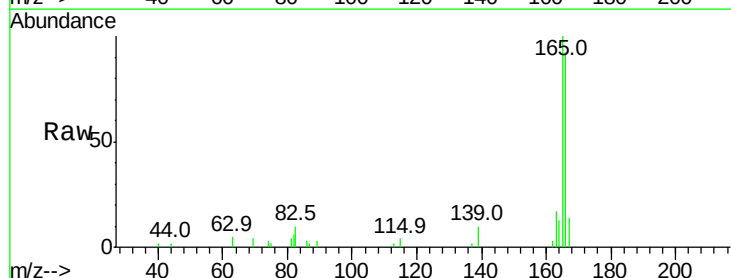
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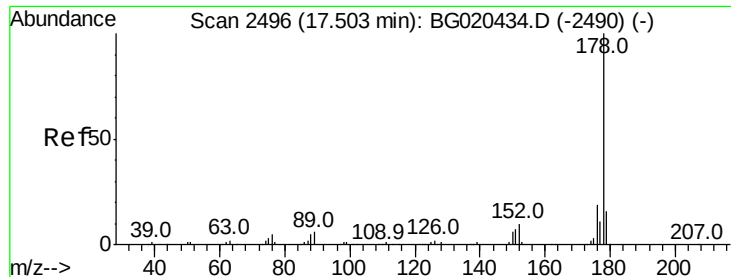
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#59
Fluorene
Concen: 3.67 ng/ul
RT: 15.76 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG020436.D
Acq: 23 Dec 2015 10:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	108.5	81.4	122.0
167	14.8	11.2	16.8





#70

Phenanthrene

Concen: 4.22 ng/ul

RT: 17.50 min Scan# 2495

Delta R.T. -0.02 min

Lab File: BG020436.D

Acq: 23 Dec 2015 10:13

Instrument :

BNA_G

ClientSampleId :

D9N37DL

Tot Ion:178 Resp: 30575

Ion Ratio Lower Upper

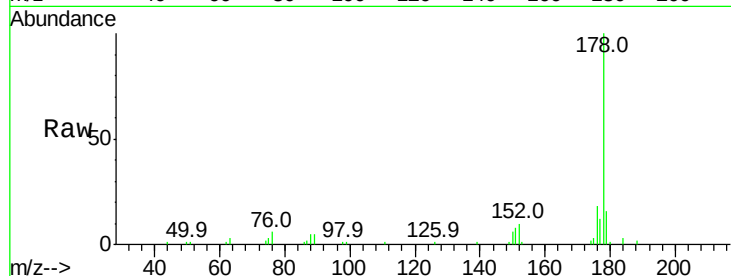
178 100

179 15.8 12.9 19.3

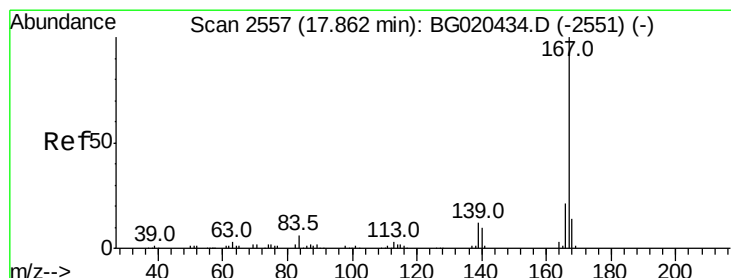
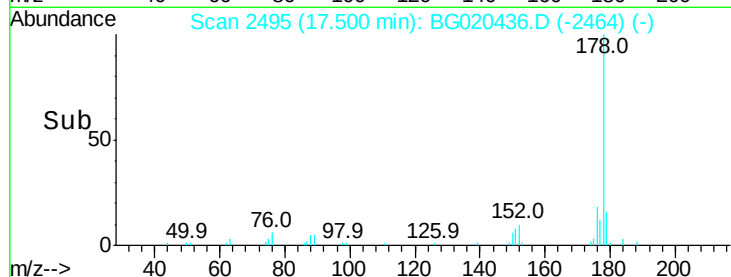
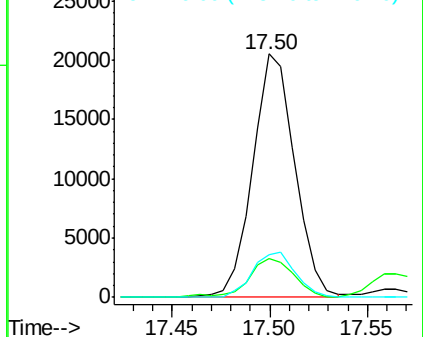
176 17.7 15.3 22.9

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#75

Carbazole

Concen: 5.82 ng/ul

RT: 17.86 min Scan# 2557

Delta R.T. -0.01 min

Lab File: BG020436.D

Acq: 23 Dec 2015 10:13

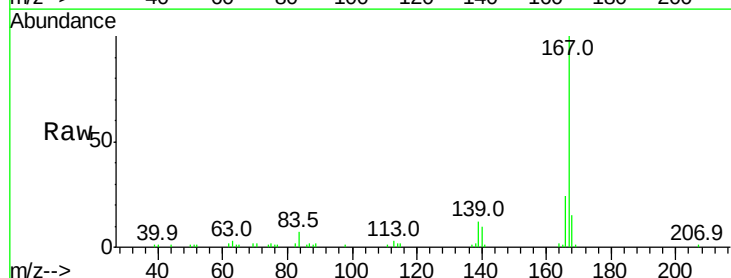
Tgt Ion:167 Resp: 35954

Ion Ratio Lower Upper

167 100

166 23.6 17.0 25.6

139 11.8 10.1 15.1



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

