

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
 Data File : BG020620.D
 Acq On : 30 Dec 2015 22:26
 Operator : UM/SJ
 Sample : G4846-02DL 50X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N48DL

Manual Integrations
 APPROVED

Sohil
 12/31/2015 6:35:53 PM

Quant Time: Dec 31 03:23:35 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 31 01:03:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	14341	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	63056	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	46692	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	124041	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	152843	20.00	ng/ul	0.00
86) Perylene-d12	24.96	264	144433	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.39	67	193	0.26	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.09	166	2945	0.77	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	3435	0.79	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.68	176	3104	0.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.54	188	5393m	0.93	ng/ul	0.00
79) Pyrene-d10	19.82	212	5560	0.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	5718	0.79	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.93	128	163751	49.04	ng/ul 99
34) 2-Methylnaphthalene	12.53	142	20643	8.26	ng/ul 99
41) 1,1'-Biphenyl	13.53	154	6730	1.92	ng/ul# 89
50) Acenaphthene	14.76	153	34444	11.01	ng/ul 91
54) Dibenzofuran	15.09	168	26931	5.70	ng/ul 98
59) Fluorene	15.74	166	21716	5.71	ng/ul 95
70) Phenanthrene	17.48	178	50267	7.45	ng/ul 99
75) Carbazole	17.84	167	29125	5.00	ng/ul 97

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

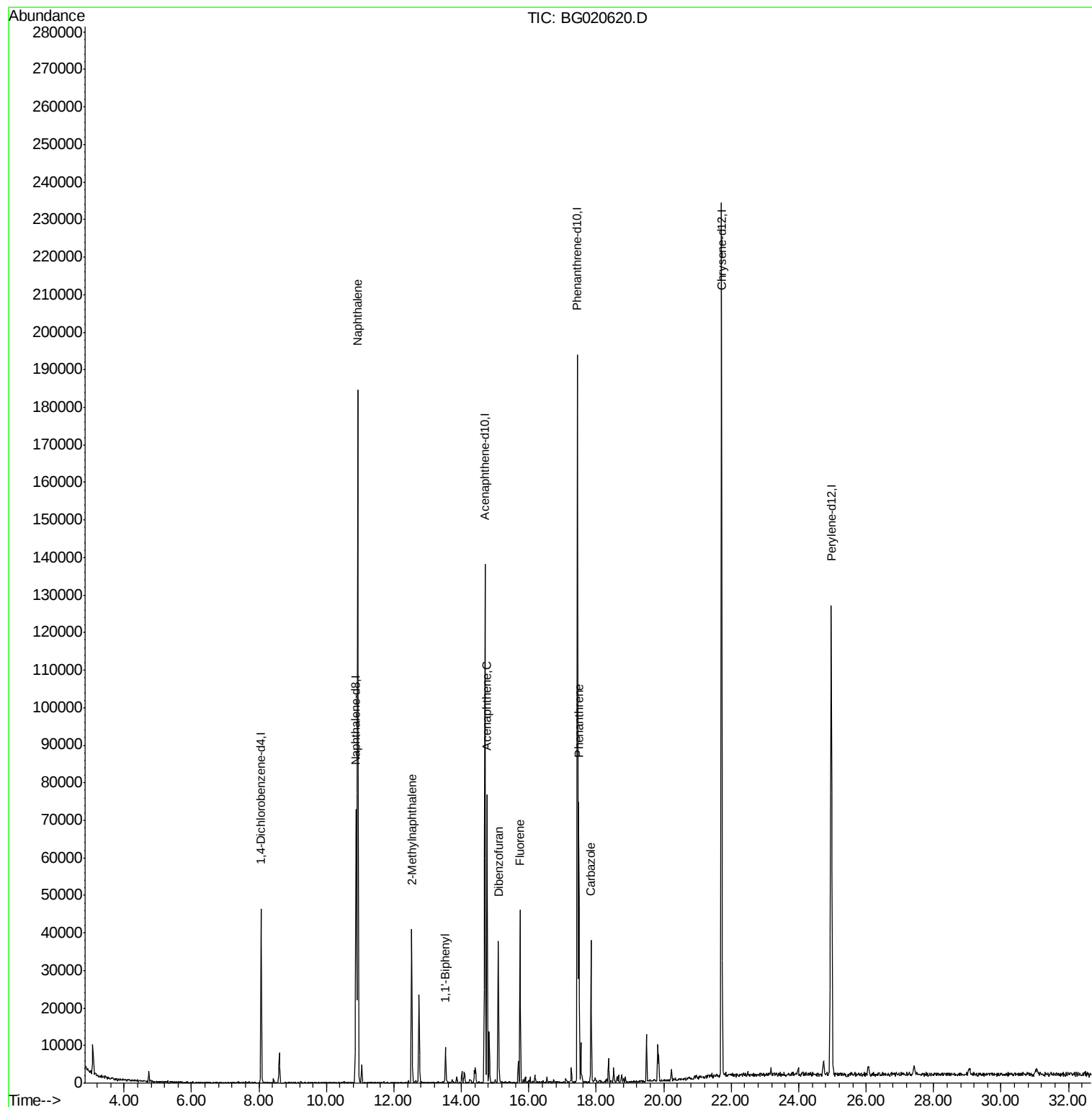
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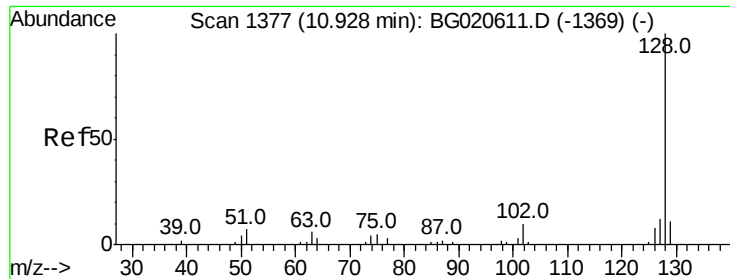
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





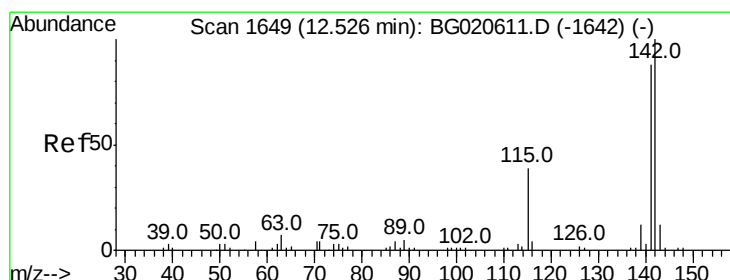
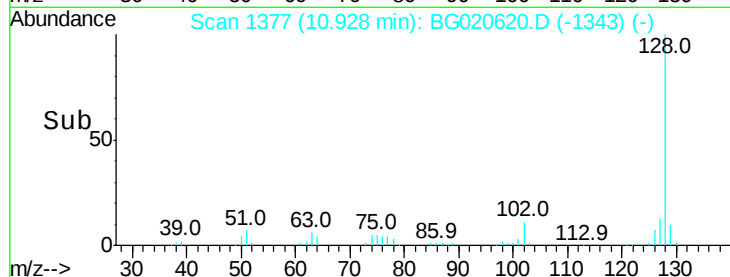
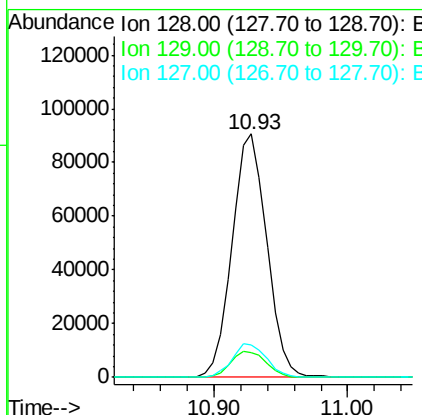
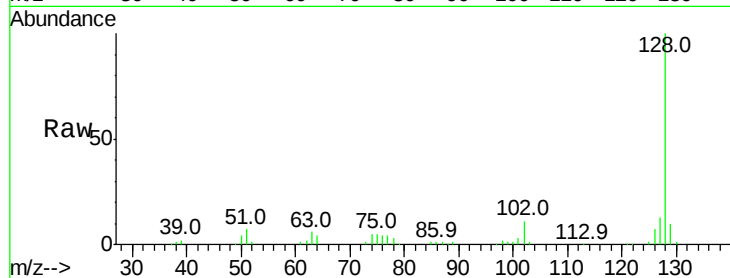
#28
Naphthalene
Concen: 49.04 ng/ul
RT: 10.93 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG020620.D
Acq: 30 Dec 2015 22:26

Instrument :
BNA_G
ClientSampleId :
D9N48DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.3	12.5
127	13.1	10.8	16.2

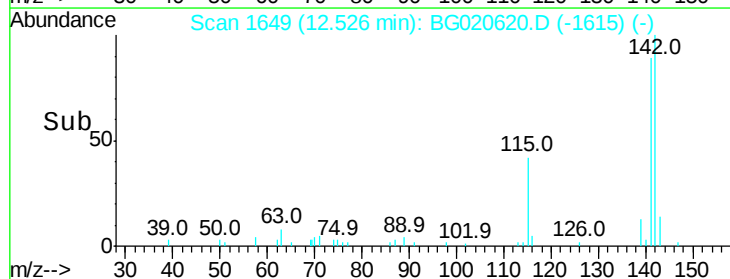
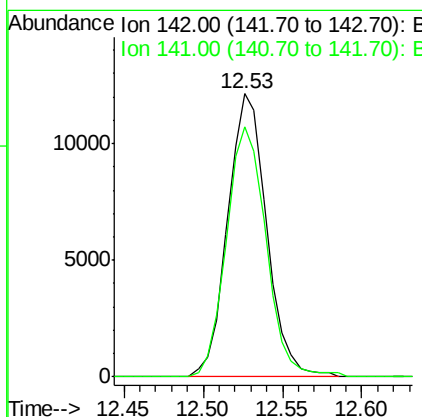
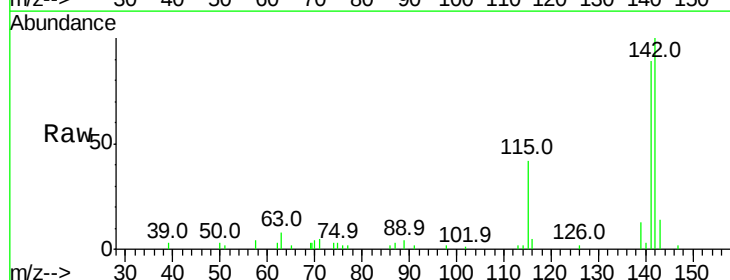
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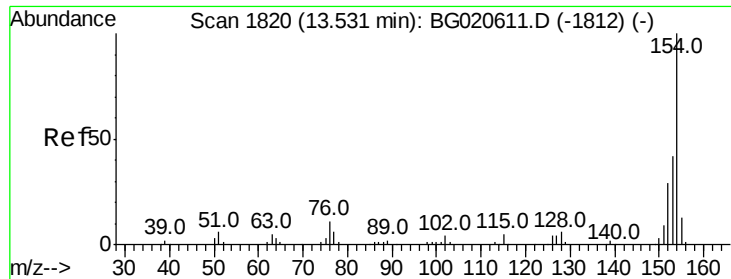
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#34
2-Methylnaphthalene
Concen: 8.26 ng/ul
RT: 12.53 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BG020620.D
Acq: 30 Dec 2015 22:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.4	107.2





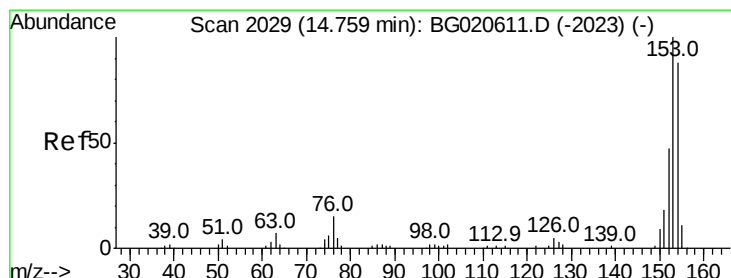
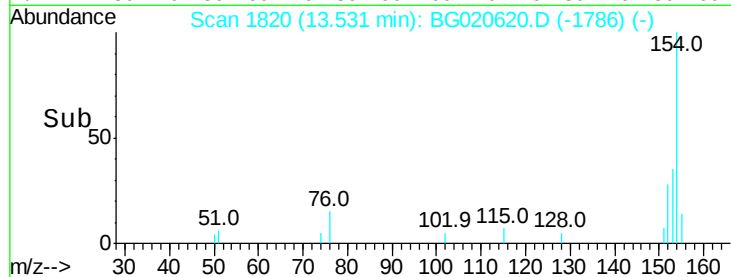
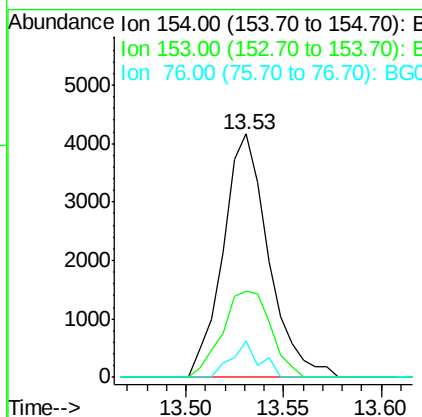
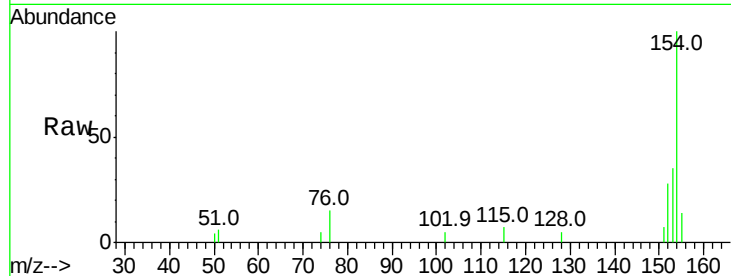
#41
 1,1'-Biphenyl
 Concen: 1.92 ng/ul
 RT: 13.53 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BG020620.D
 Acq: 30 Dec 2015 22:26

Instrument :
 BNA_G
 ClientSampleId :
 D9N48DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	35.3	34.0	51.0
76	14.9	8.4	12.6

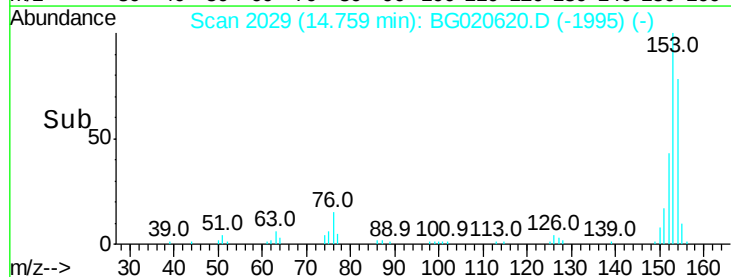
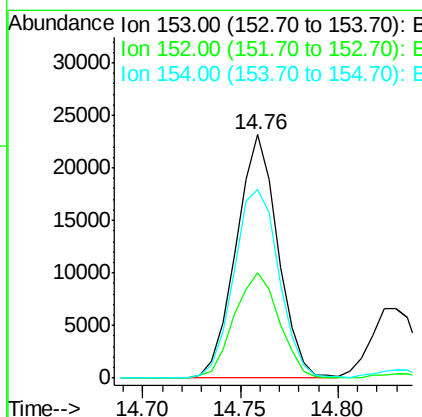
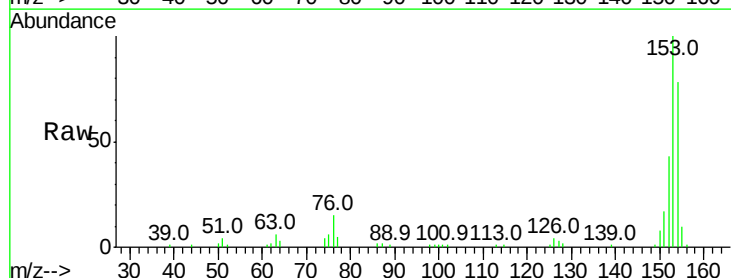
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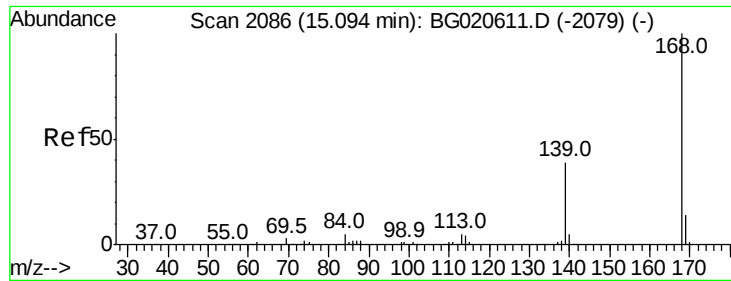
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#50
 Acenaphthene
 Concen: 11.01 ng/ul
 RT: 14.76 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BG020620.D
 Acq: 30 Dec 2015 22:26

Tgt Ion	Ratio	Lower	Upper
153	100		
152	43.4	37.9	56.9
154	77.7	69.8	104.6





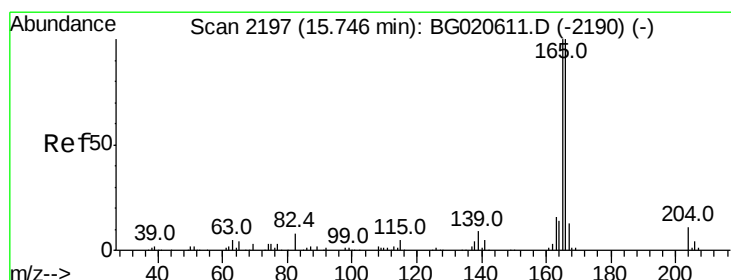
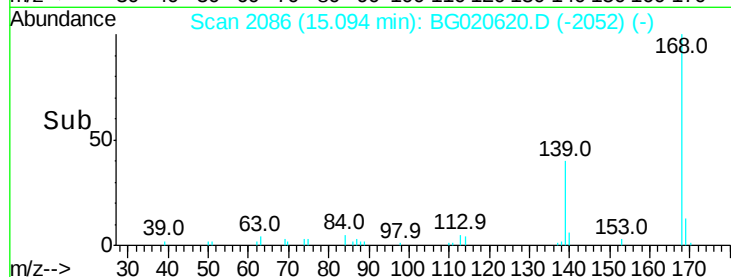
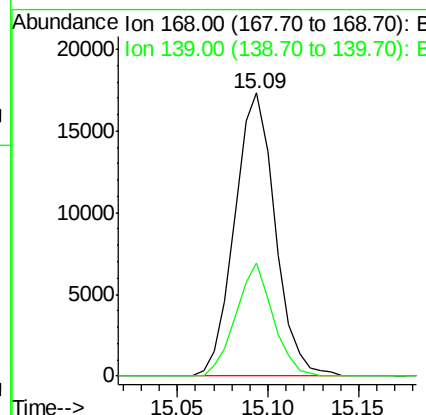
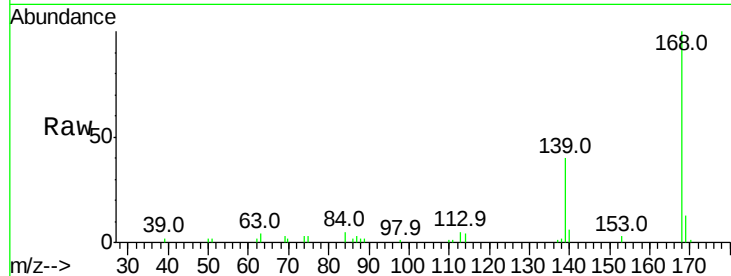
#54
Dibenzenofuran
Concen: 5.70 ng/ul
RT: 15.09 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BG020620.D
Acq: 30 Dec 2015 22:26

Instrument :
BNA_G
ClientSampleId :
D9N48DL

Tot Ion	Ratio	Resp	Lower	Upper
168	100	26931		
139	39.8		31.0	46.4

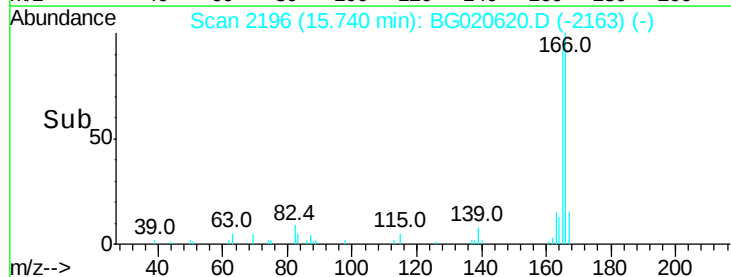
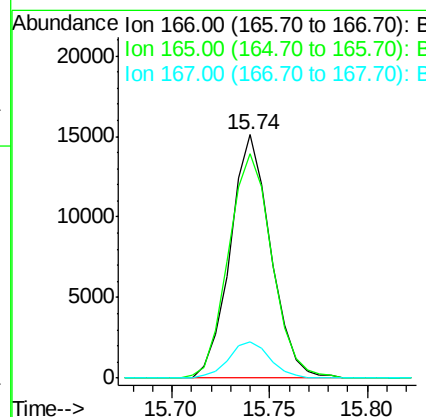
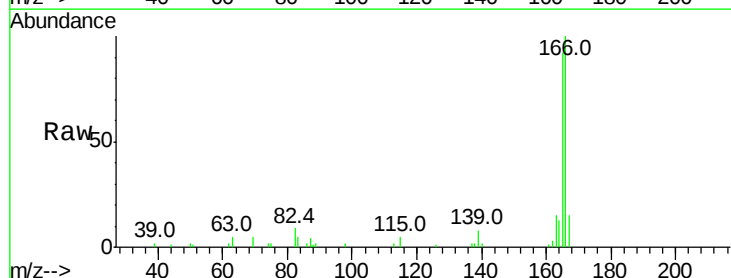
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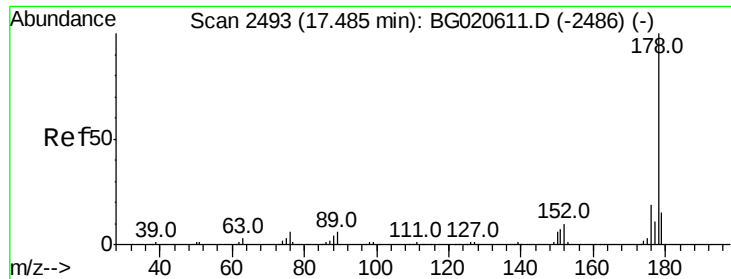
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#59
Fluorene
Concen: 5.71 ng/ul
RT: 15.74 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG020620.D
Acq: 30 Dec 2015 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	21716		
165	92.3		78.4	117.6
167	14.8		11.1	16.7





#70

Phenanthrene

Concen: 7.45 ng/ul

RT: 17.48 min Scan# 2492

Delta R.T. -0.01 min

Lab File: BG020620.D

Acq: 30 Dec 2015 22:26

Instrument :

BNA_G

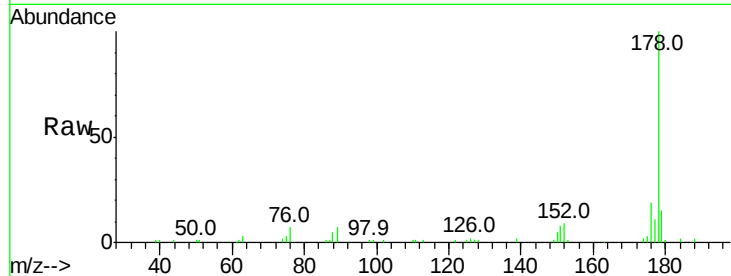
ClientSampleId :

D9N48DL

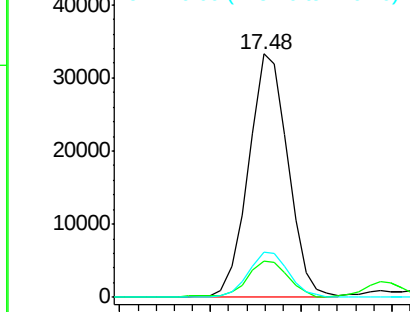
Tot Ion:	178	Resp:	50267
Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.3	18.5
176	18.8	15.4	23.0

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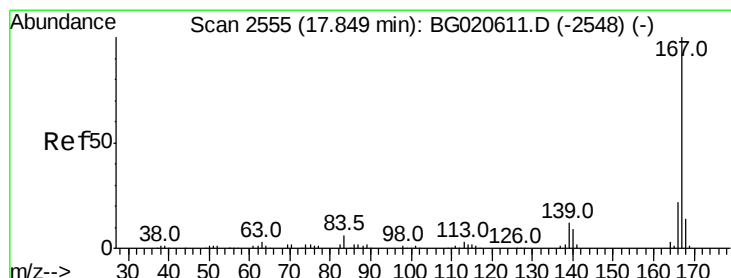
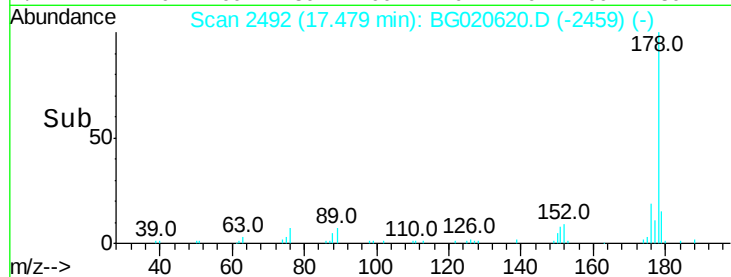
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time--> 17.40 17.45 17.50



#75

Carbazole

Concen: 5.00 ng/ul

RT: 17.84 min Scan# 2554

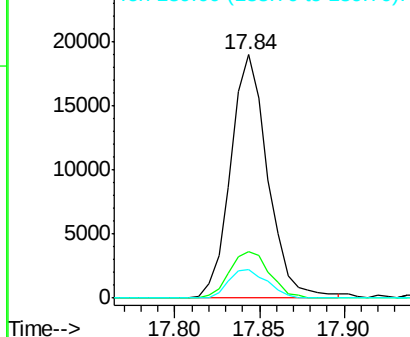
Delta R.T. -0.01 min

Lab File: BG020620.D

Acq: 30 Dec 2015 22:26

Tgt Ion:	167	Resp:	29125
Ion	Ratio	Lower	Upper
167	100		
166	19.2	17.0	25.4
139	11.5	9.1	13.7

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



Time--> 17.80 17.85 17.90

