

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123115\
 Data File : BG020644.D
 Acq On : 31 Dec 2015 16:36
 Operator : UM/SJ
 Sample : G4846-19DL 30X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N65DL

Manual Integrations
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Quant Time: Jan 01 04:11:02 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 01 03:15:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	17891	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	80900	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	62668	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	165058	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	199276	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	188120	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	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.39	67	592	0.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	677	0.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	167	0.13	ng/ul	0.01
19) Nitrobenzene-d5	9.25	128	289	0.46	ng/ul	0.02
22) 2-Nitrophenol-d4	9.96	143	503m	0.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	949m	0.69	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.09	166	5636	1.10	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	6099	1.05	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.68	176	5646	1.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.54	188	9384m	1.22	ng/ul	0.00
79) Pyrene-d10	19.83	212	10004	1.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	10091	1.08	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.92	128	125919	29.39	ng/ul	100
34) 2-Methylnaphthalene	12.53	142	15447	4.82	ng/ul	97
41) 1,1'-Biphenyl	13.53	154	4827	1.02	ng/ul#	90
50) Acenaphthene	14.76	153	23604	5.62	ng/ul	98
54) Dibenzofuran	15.09	168	18499	2.92	ng/ul	98
59) Fluorene	15.74	166	12743	2.50	ng/ul	97
70) Phenanthrene	17.48	178	24900	2.77	ng/ul	96

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

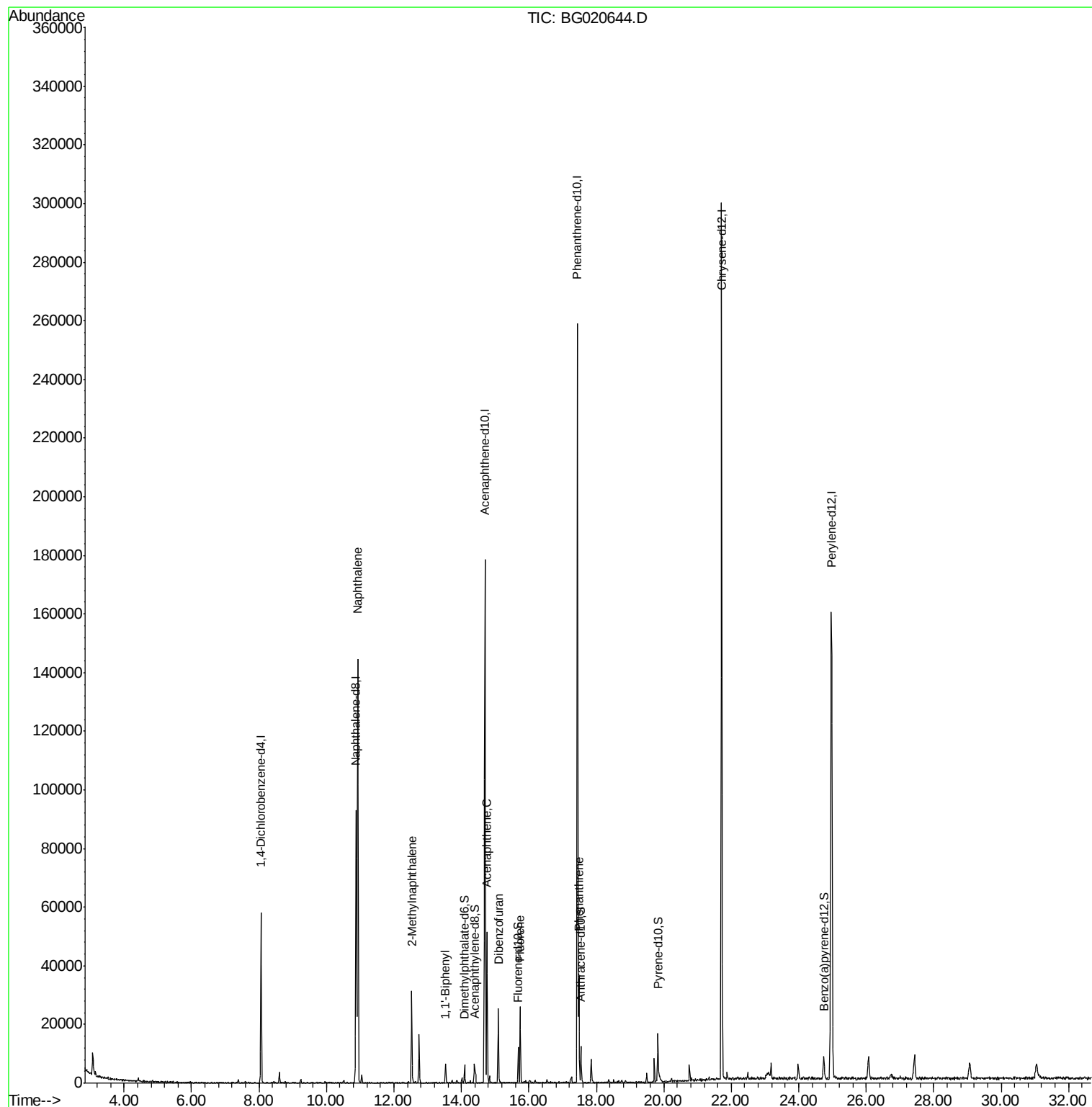
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Operator : UM/SJ
Sample : G4846-19DL 30X
Misc :
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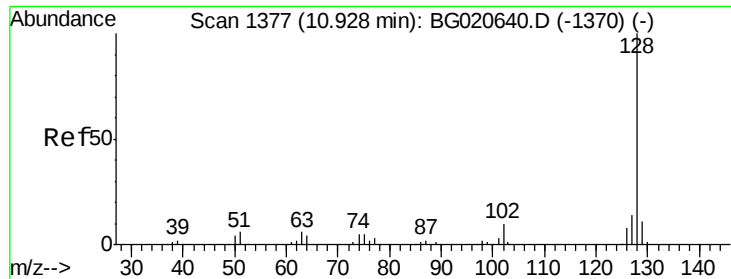
Instrument :
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





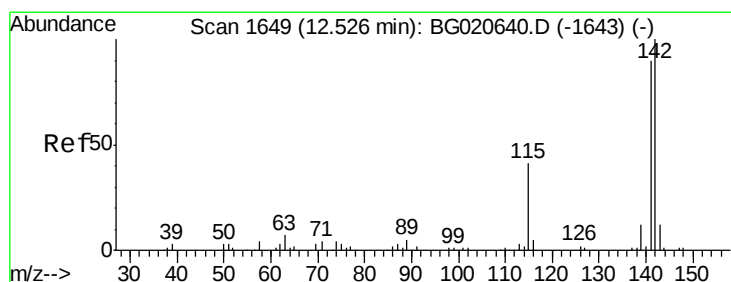
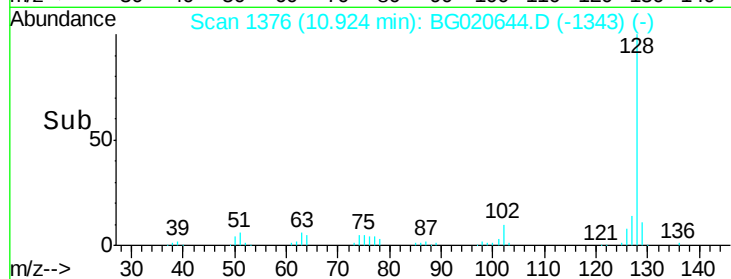
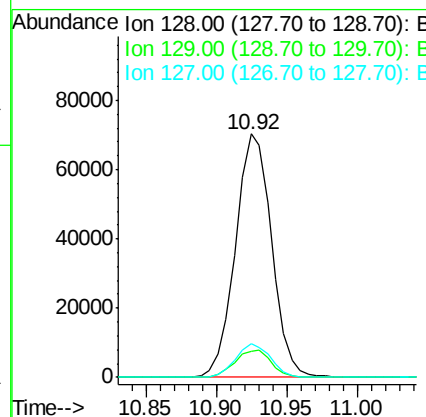
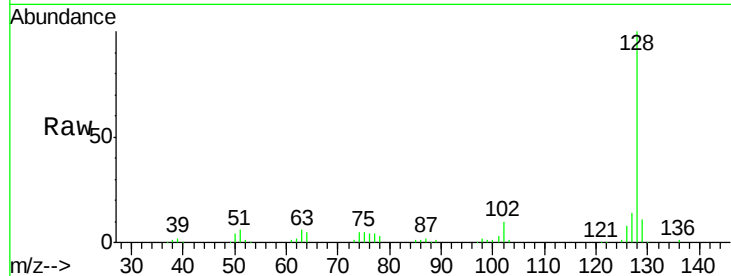
#28
Naphthalene
Concen: 29.39 ng/ul
RT: 10.92 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BG020644.D
Acq: 31 Dec 2015 16:36

Instrument :
BNA_G
ClientSampleId :
D9N65DL

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	125919		
129	10.6	8.3	12.5	
127	13.7	10.8	16.2	

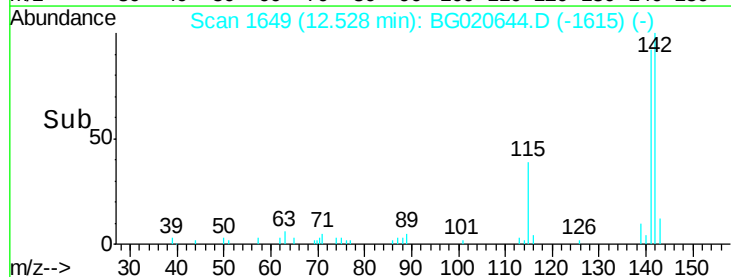
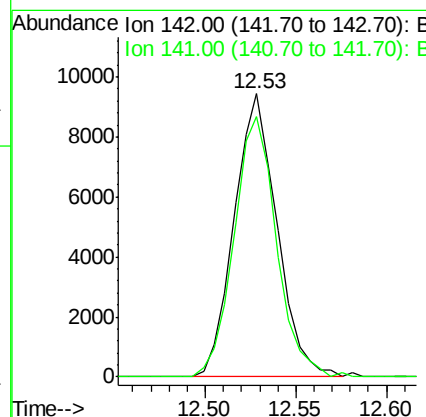
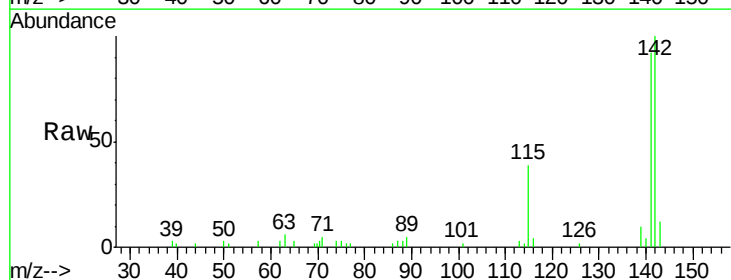
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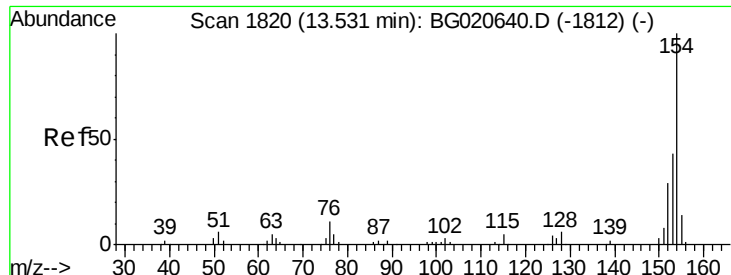
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#34
2-Methylnaphthalene
Concen: 4.82 ng/ul
RT: 12.53 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BG020644.D
Acq: 31 Dec 2015 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	15447		
141	91.8	71.4	107.2	





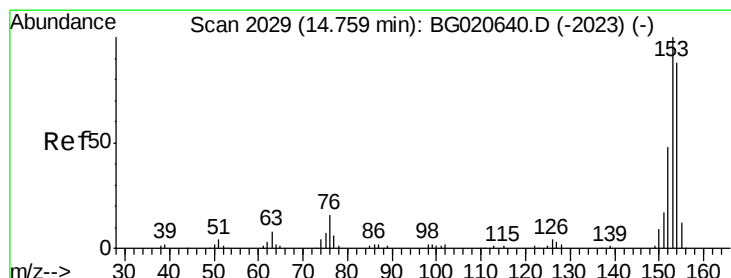
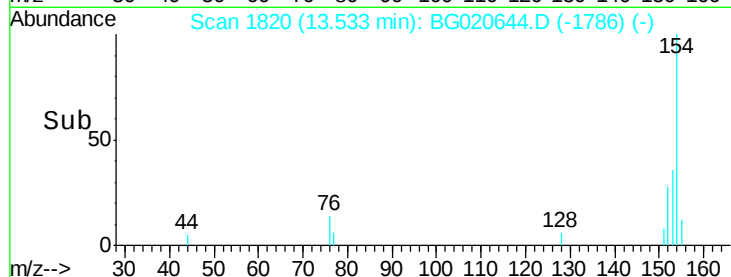
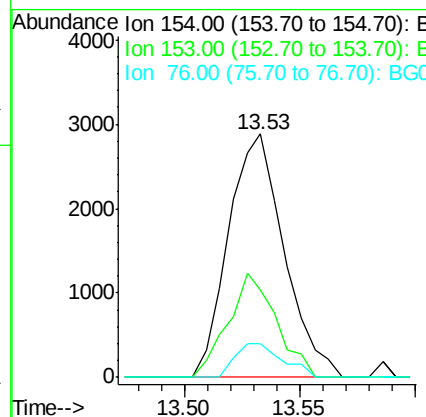
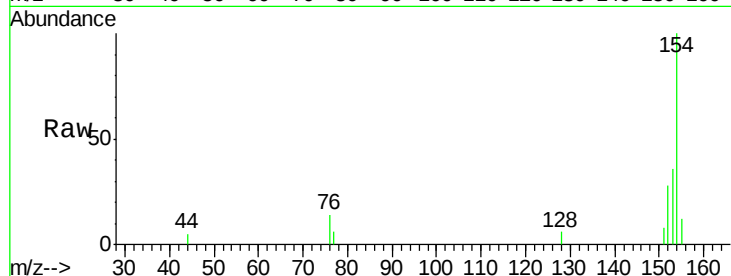
#41
 1,1'-Biphenyl
 Concen: 1.02 ng/ul
 RT: 13.53 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BG020644.D
 Acq: 31 Dec 2015 16:36

Instrument :
 BNA_G
 ClientSampleId :
 D9N65DL

Tgt Ion	Ratio	Lower	Upper
154	100		
153	36.0	34.0	51.0
76	13.6	8.4	12.6

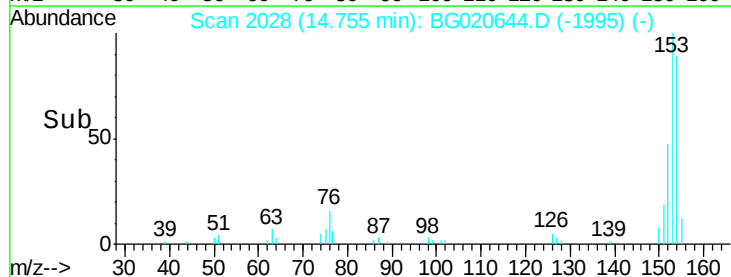
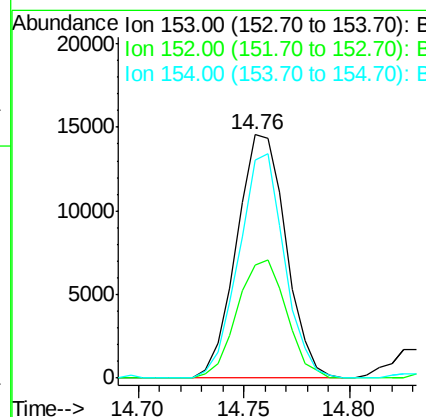
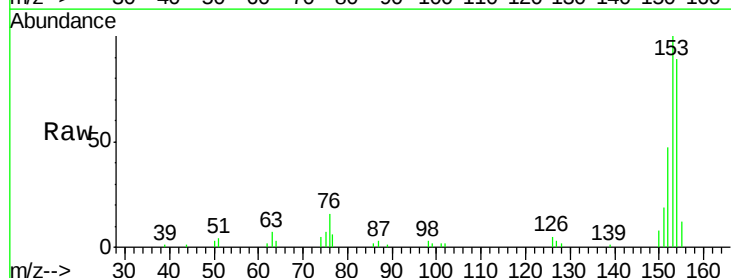
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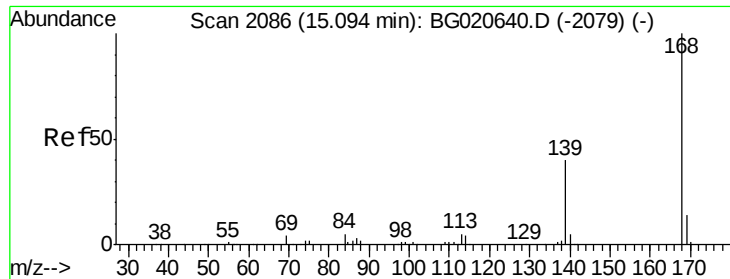
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#50
 Acenaphthene
 Concen: 5.62 ng/ul
 RT: 14.76 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BG020644.D
 Acq: 31 Dec 2015 16:36

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.7	37.9	56.9
154	89.4	69.8	104.6





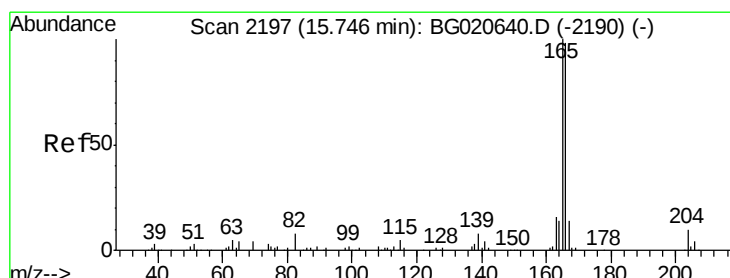
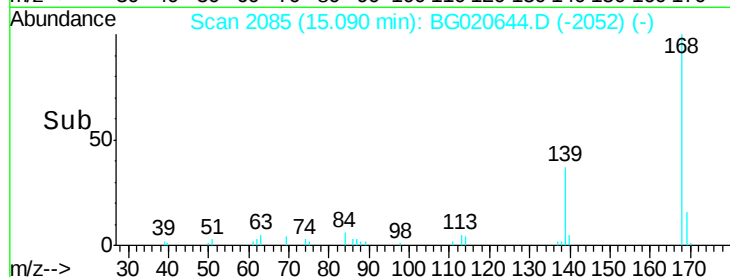
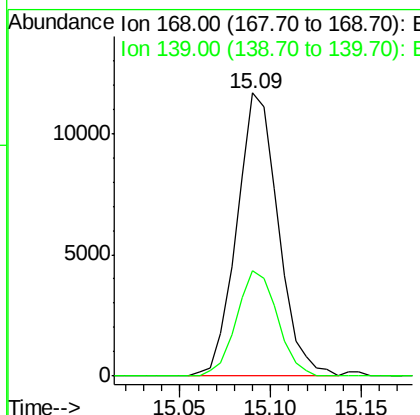
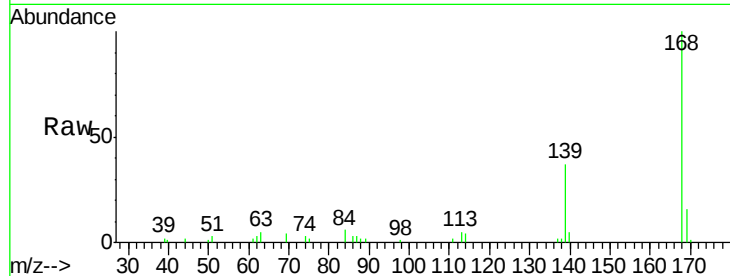
#54
Dibenzenofuran
Concen: 2.92 ng/ul
RT: 15.09 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BG020644.D
Acq: 31 Dec 2015 16:36

Instrument :
BNA_G
ClientSampleId :
D9N65DL

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	18499		
139	37.5	31.0	46.4	

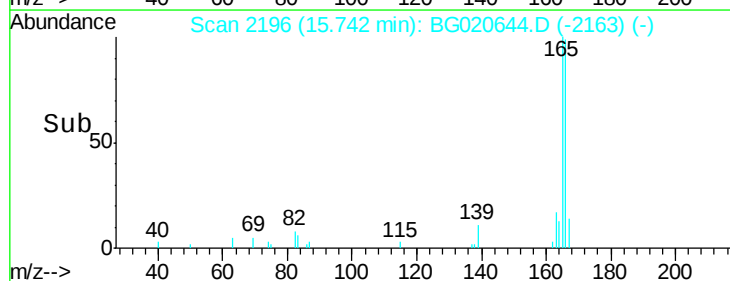
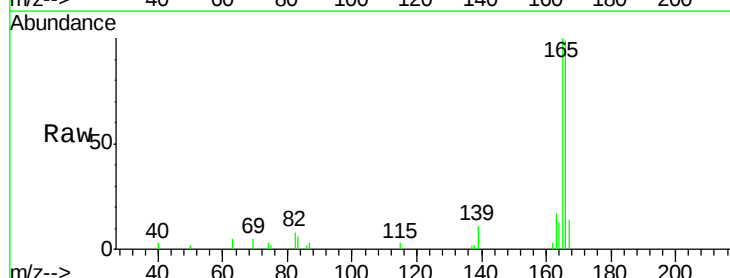
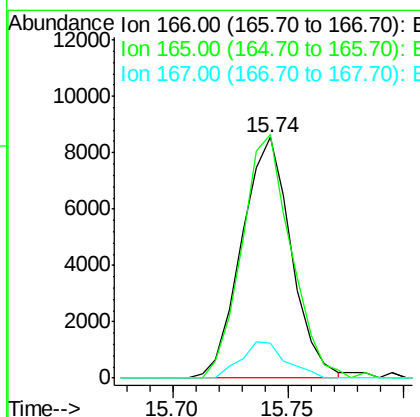
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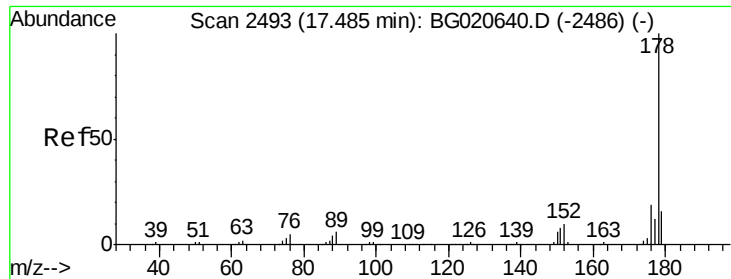
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#59
Fluorene
Concen: 2.50 ng/ul
RT: 15.74 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG020644.D
Acq: 31 Dec 2015 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	12743		
165	101.1	78.4	117.6	
167	14.5	11.1	16.7	





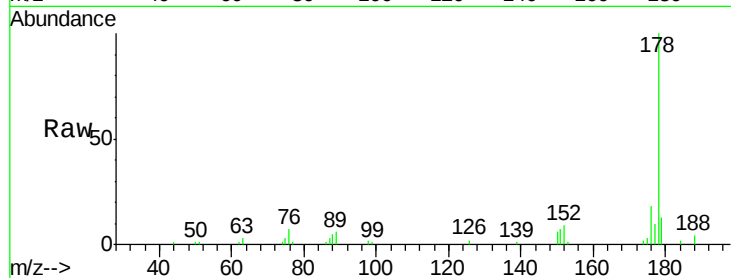
#70
 Phenanthrene
 Concen: 2.77 ng/ul
 RT: 17.48 min Scan# 2492
 Delta R.T. -0.00 min
 Lab File: BG020644.D
 Acq: 31 Dec 2015 16:36

Instrument :
 BNA_G
 ClientSampleId :
 D9N65DL

Tgt Ion:	178	Resp:	24900
Ion Ratio	Lower	Upper	
178	100		
179	13.0	12.3	18.5
176	17.9	15.4	23.0

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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

