

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
 Data File : BG020628.D
 Acq On : 31 Dec 2015 4:18
 Operator : UM/SJ
 Sample : G4846-09DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 D9N55DL

Manual Integrations
 APPROVED

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Quant Time: Dec 31 05:55:18 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 31 03:43:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	14241	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	62806	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	49140	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	131873	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	162297	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	153534	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	7.22	99	1810m	1.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	5220	7.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	5365	5.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	3631	3.52	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	3634	7.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	3875	6.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	6697m	6.26	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.10	166	33828	8.41	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	36819	8.06	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.69	176	31592	8.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	3370	4.21	ng/ul	0.00
71) Anthracene-d10	17.54	188	54909	8.94	ng/ul	0.00
79) Pyrene-d10	19.82	212	66606	9.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	66767	8.72	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.93	128	122814	36.92	ng/ul	98
34) 2-Methylnaphthalene	12.53	142	18873	7.58	ng/ul	94
41) 1,1'-Biphenyl	13.53	154	7245	1.96	ng/ul	96
50) Acenaphthene	14.76	153	36653	11.13	ng/ul	96
54) Dibenzofuran	15.09	168	26183	5.26	ng/ul	98
59) Fluorene	15.74	166	24057	6.01	ng/ul	97
70) Phenanthrene	17.49	178	67252	9.38	ng/ul	97
75) Carbazole	17.85	167	6484	1.05	ng/ul	95
77) Fluoranthene	19.49	202	9516	1.09	ng/ul	99

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

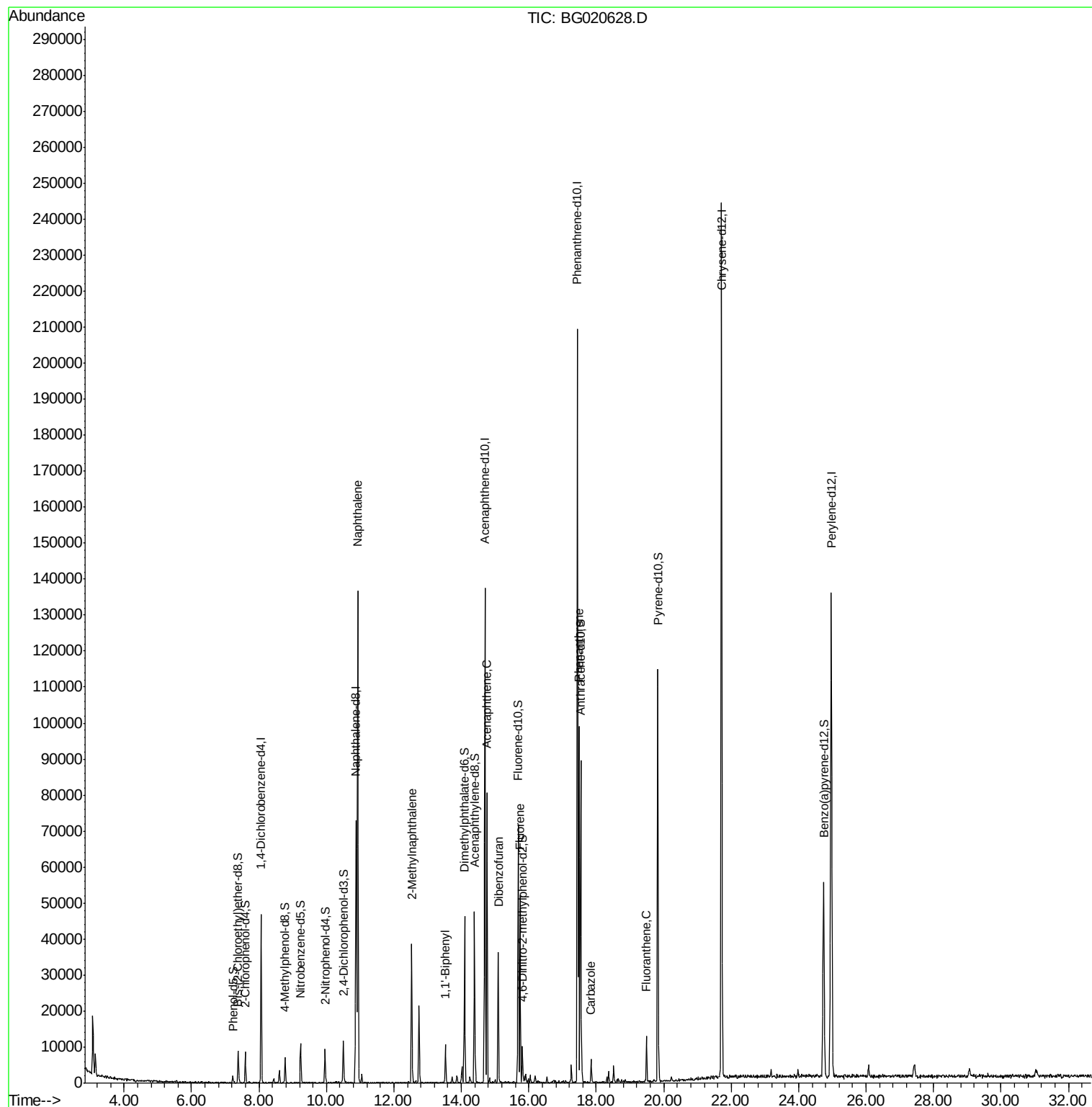
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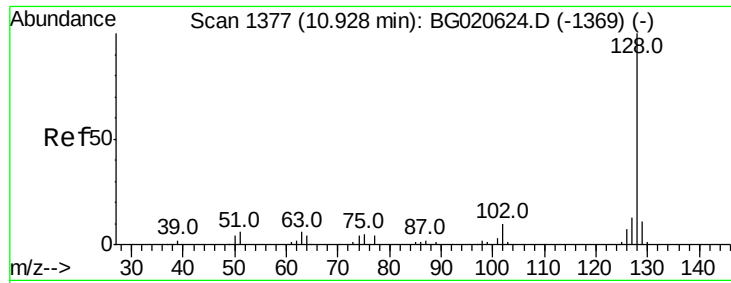
Instrument :
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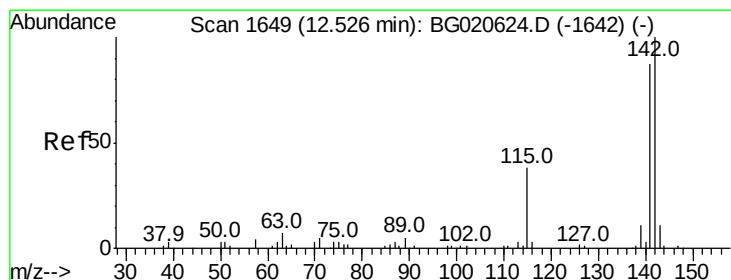
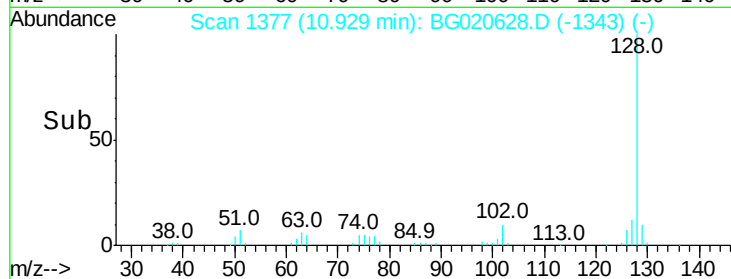
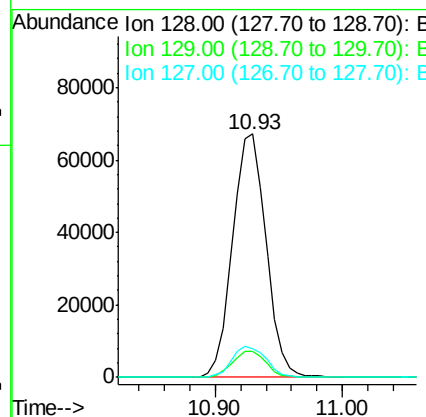
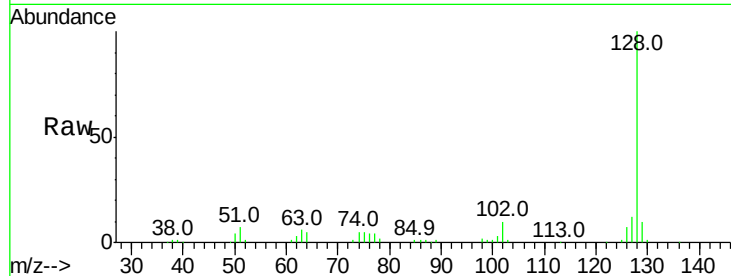
#28
Naphthalene
Concen: 36.92 ng/ul
RT: 10.93 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BG020628.D
Acq: 31 Dec 2015 4:18

Instrument :
BNA_G
ClientSampleId :
D9N55DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.3	12.5
127	11.8	10.8	16.2

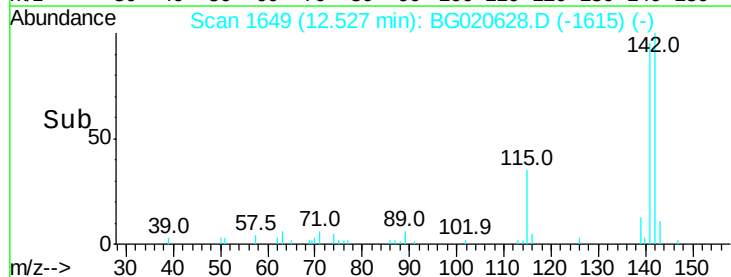
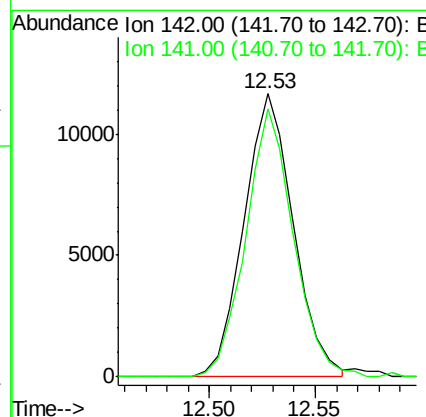
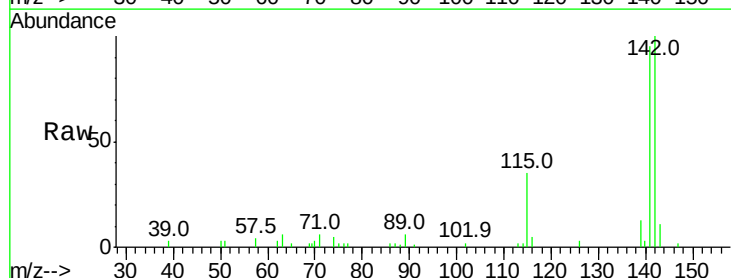
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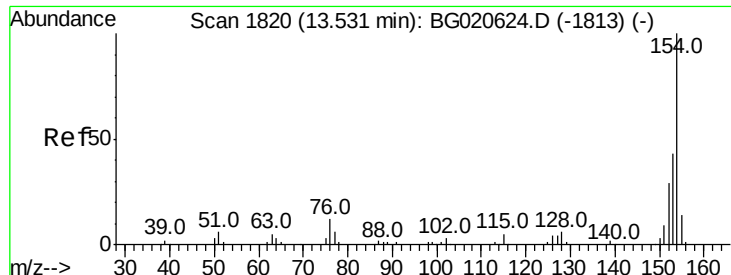
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#34
2-Methylnaphthalene
Concen: 7.58 ng/ul
RT: 12.53 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BG020628.D
Acq: 31 Dec 2015 4:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.5	71.4	107.2





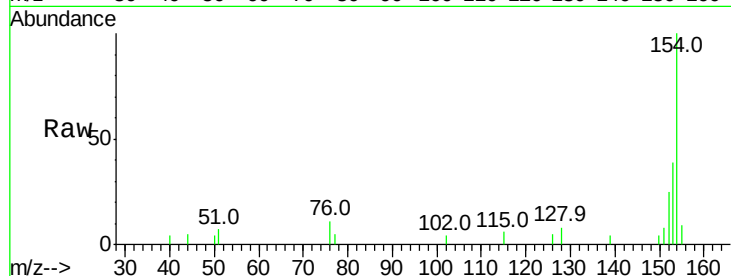
#41
 1,1'-Biphenyl
 Concen: 1.96 ng/ul
 RT: 13.53 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BG020628.D
 Acq: 31 Dec 2015 4:18

Instrument :
 BNA_G
 ClientSampleId :
 D9N55DL

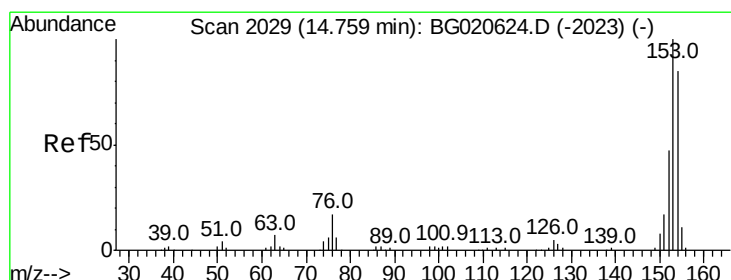
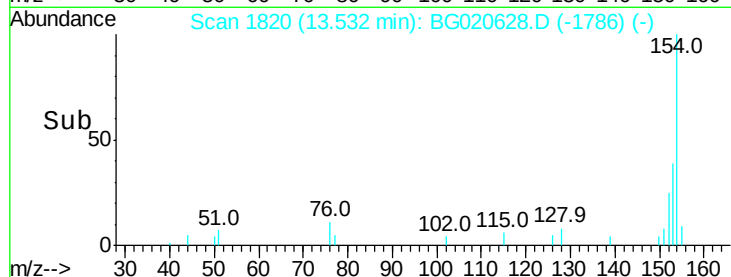
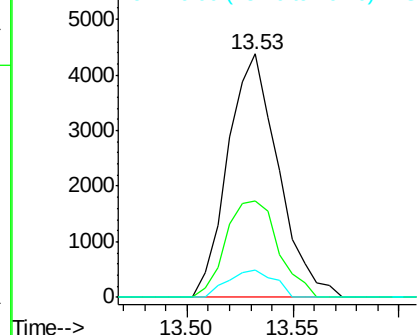
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.4	34.0	51.0
76	11.2	8.4	12.6

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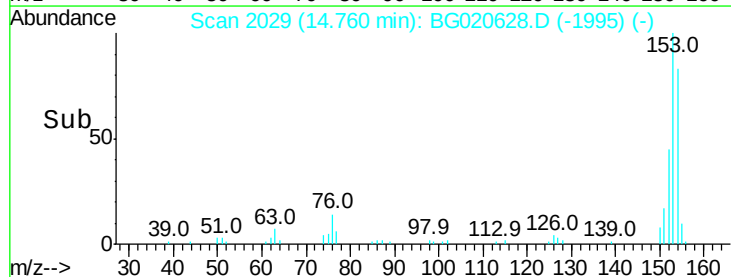
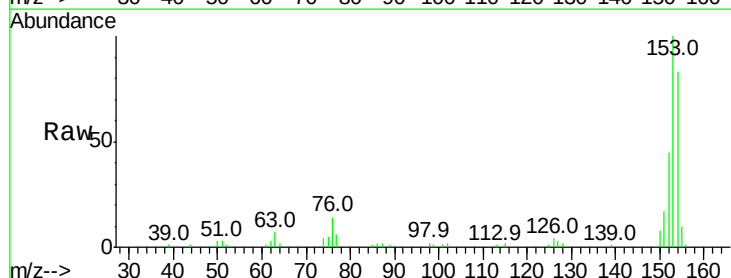
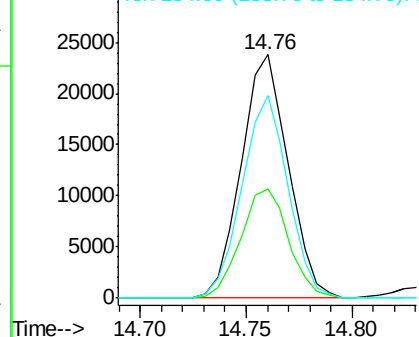
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

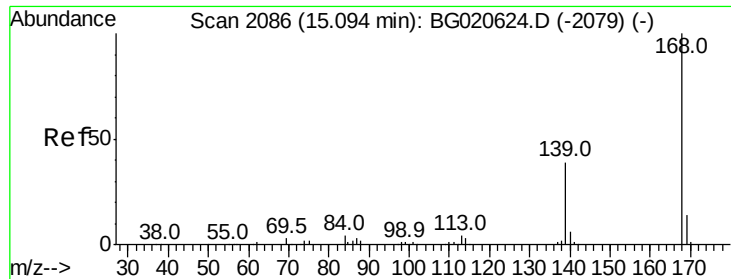


#50
 Acenaphthene
 Concen: 11.13 ng/ul
 RT: 14.76 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BG020628.D
 Acq: 31 Dec 2015 4:18

Tgt Ion	Ratio	Lower	Upper
153	100		
152	44.8	37.9	56.9
154	83.1	69.8	104.6

Abundance Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E
 Ion 154.00 (153.70 to 154.70): E





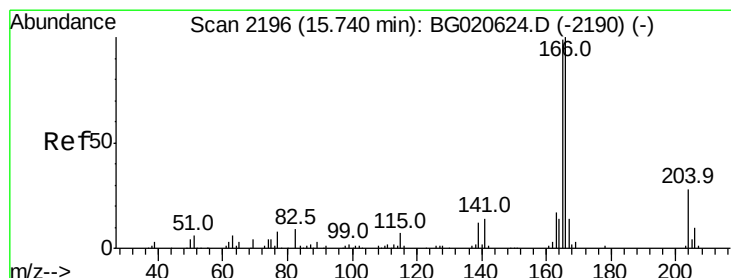
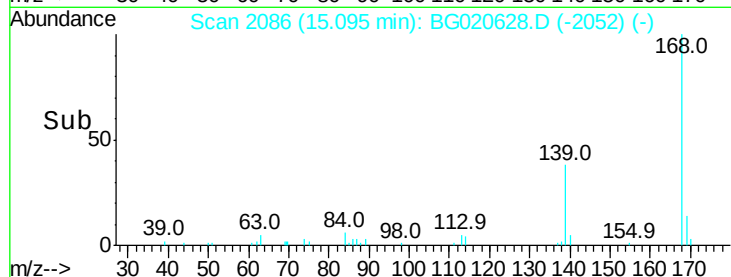
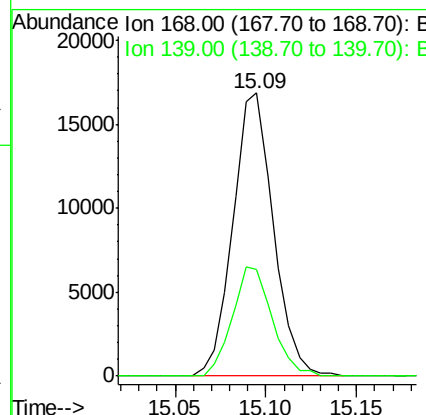
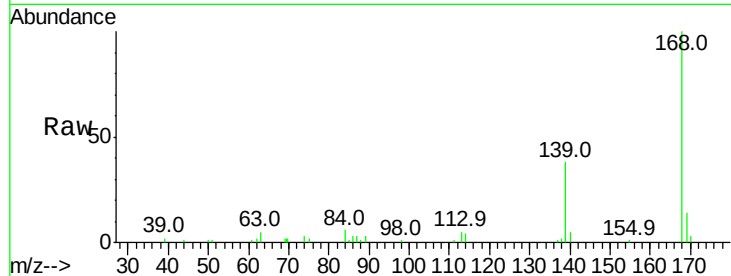
#54
Dibenzenofuran
Concen: 5.26 ng/ul
RT: 15.09 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BG020628.D
Acq: 31 Dec 2015 4:18

Instrument :
BNA_G
ClientSampleId :
D9N55DL

Tot Ion	Ratio	Resp	Lower	Upper
168	100	26183		
139	37.8		31.0	46.4

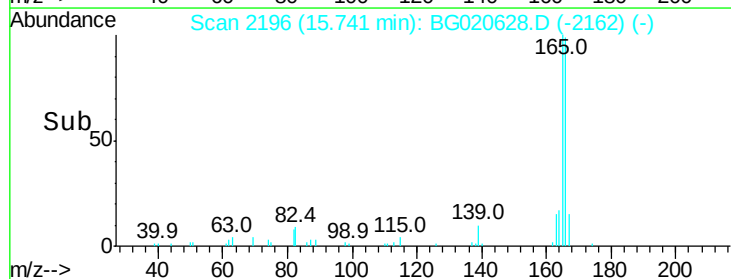
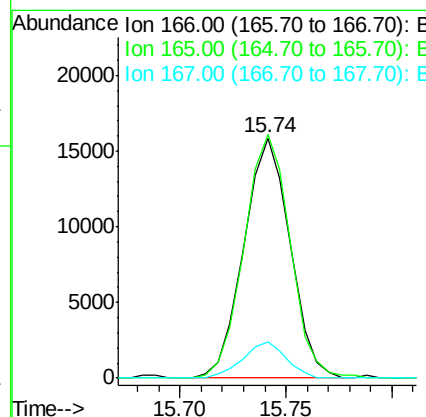
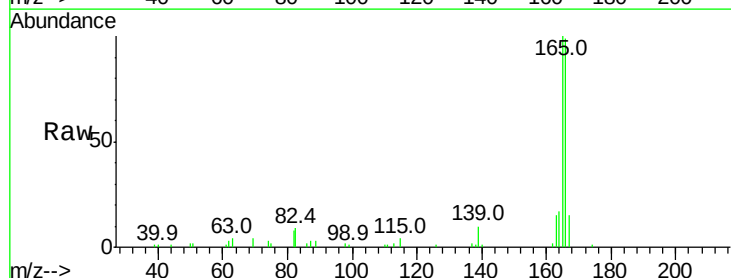
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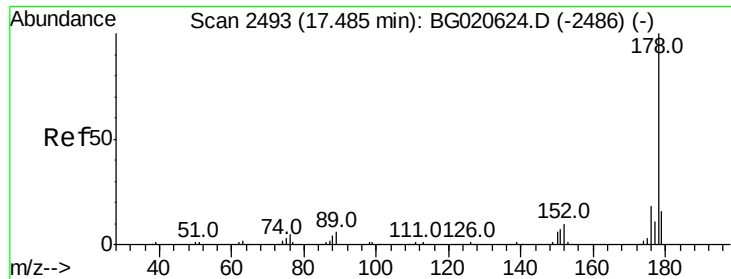
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#59
Fluorene
Concen: 6.01 ng/ul
RT: 15.74 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BG020628.D
Acq: 31 Dec 2015 4:18

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	24057		
165	101.5		78.4	117.6
167	15.0		11.1	16.7





#70

Phenanthrene

Concen: 9.38 ng/ul

RT: 17.49 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BG020628.D

Acq: 31 Dec 2015 4:18

Instrument :

BNA_G

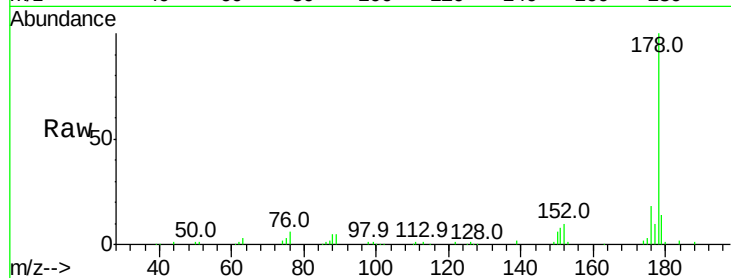
ClientSampleId :

D9N55DL

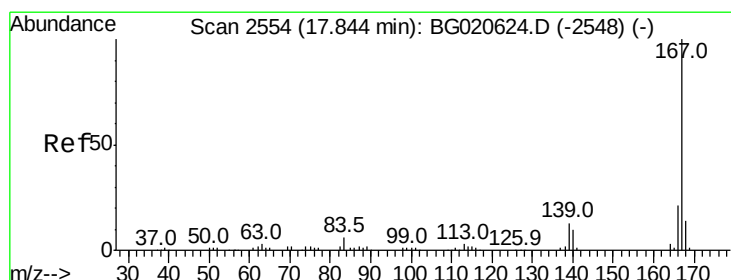
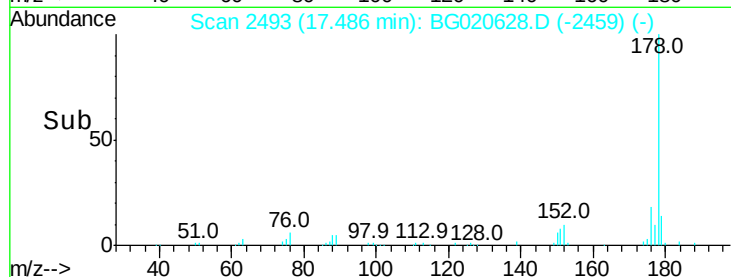
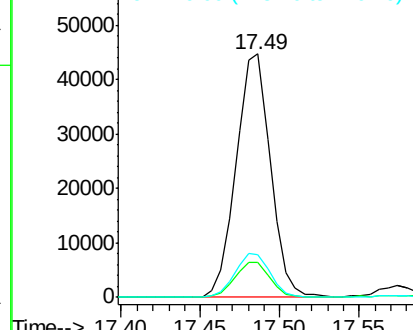
Tot Ion:	178	Resp:	67252
Ion Ratio	Lower	Upper	
178	100		
179	14.3	12.3	18.5
176	17.8	15.4	23.0

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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



#75

Carbazole

Concen: 1.05 ng/ul

RT: 17.85 min Scan# 2555

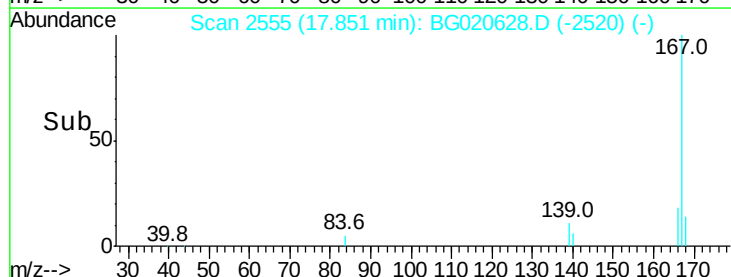
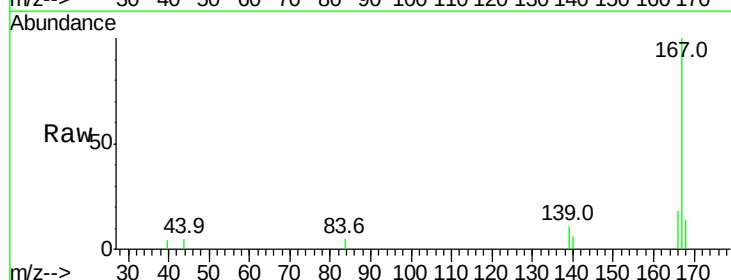
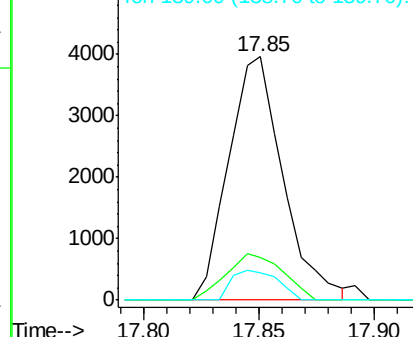
Delta R.T. 0.01 min

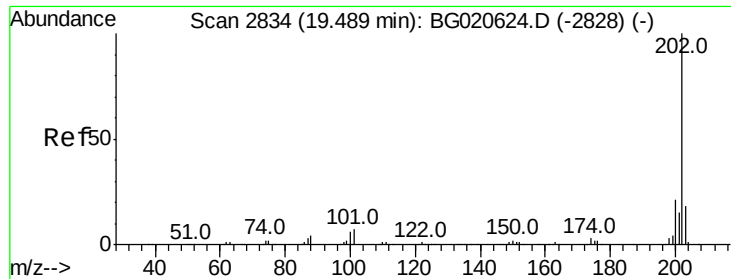
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Tgt Ion:	167	Resp:	6484
Ion Ratio	Lower	Upper	
167	100		
166	17.6	17.0	25.4
139	11.3	9.1	13.7

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





#77
 Fluoranthene
 Concen: 1.09 ng/ul
 RT: 19.49 min Scan# 2834
 Delta R.T. 0.00 min
 Lab File: BG020628.D
 Acq: 31 Dec 2015 4:18

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Tot Ion:	202	Resp:	9516
Ion Ratio	Lower	Upper	
202	100		
101	6.9	6.1	9.1
100	5.8	4.6	7.0

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