

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
 Data File : BG020385.D
 Acq On : 21 Dec 2015 20:24
 Operator : UM/SJ
 Sample : G4768-10DL 100X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N34DL

Quant Time: Dec 22 03:16:02 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 22 02:00:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	18021	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	81661	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	52625	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	122675	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	145591	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	123313	20.00	ng/ul	-0.01

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	7.41	67	206	0.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	194	0.17	ng/ul	0.00
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	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	10.54	165	290	0.20	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.12	166	1810	0.43	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	2292	0.46	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	2024	0.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.57	188	3818	0.68	ng/ul	0.00
79) Pyrene-d10	19.85	212	3186	0.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	2464	0.40	ng/ul	-0.01

Target Compounds

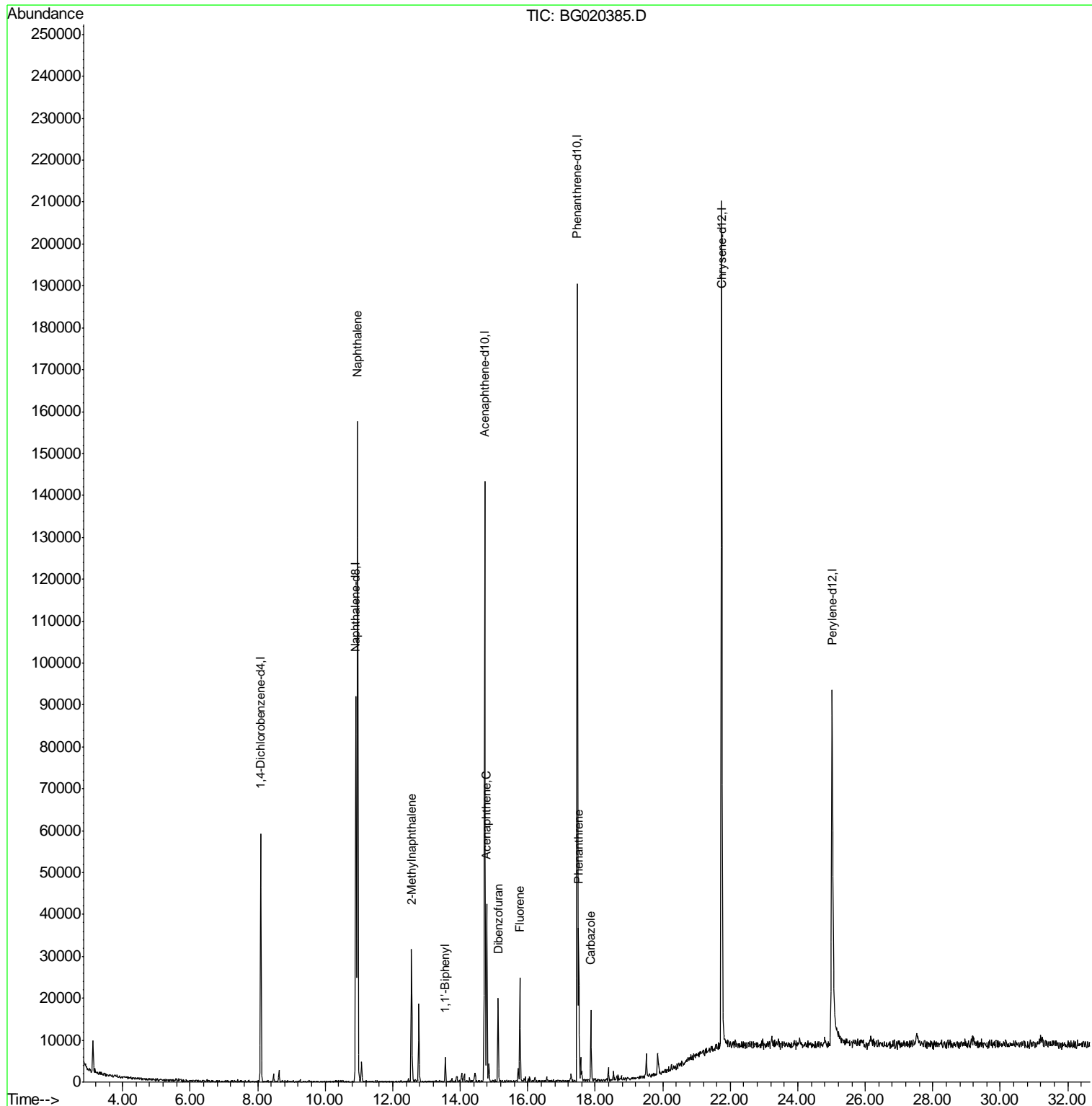
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.96	128	137897	32.34	ng/ul	97
34) 2-Methylnaphthalene	12.56	142	16447	5.05	ng/ul	97
41) 1,1'-Biphenyl	13.56	154	4023	1.01	ng/ul#	93
50) Acenaphthene	14.79	153	18670	5.27	ng/ul	97
54) Dibenzofuran	15.12	168	15149	2.88	ng/ul	96
59) Fluorene	15.77	166	12542	2.97	ng/ul	97
70) Phenanthrene	17.51	178	25328	3.77	ng/ul	98
75) Carbazole	17.87	167	13794	2.41	ng/ul	95

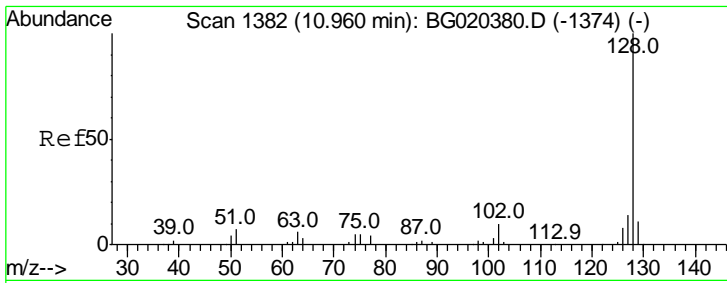
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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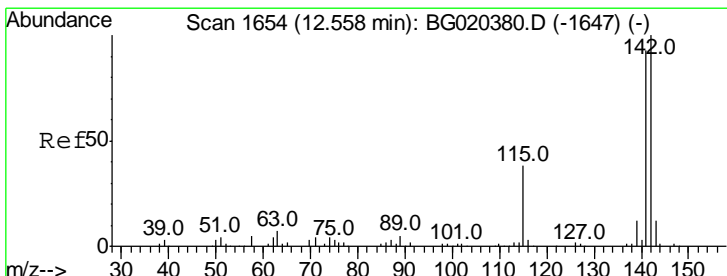
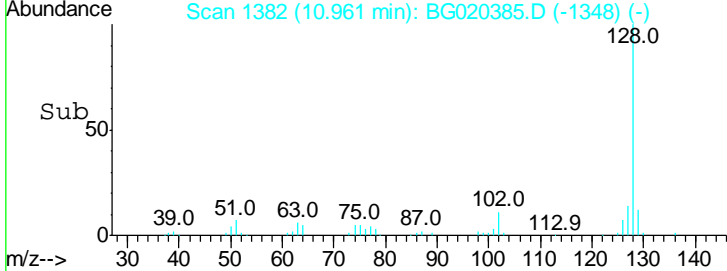
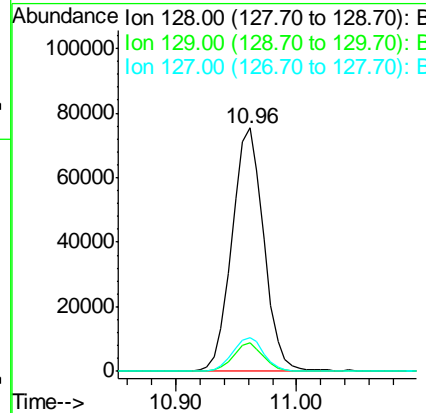
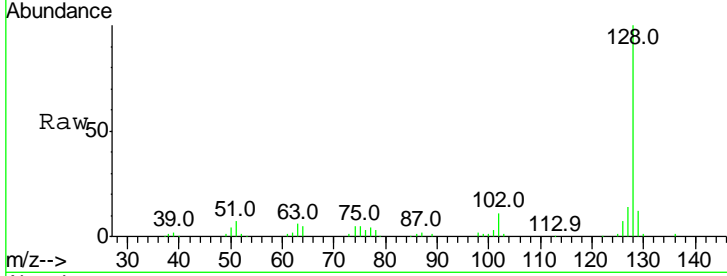




#28
 Naphthalene
 Concen: 32.34 ng/ul
 RT: 10.96 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: BG020385.D
 Acq: 21 Dec 2015 20:24

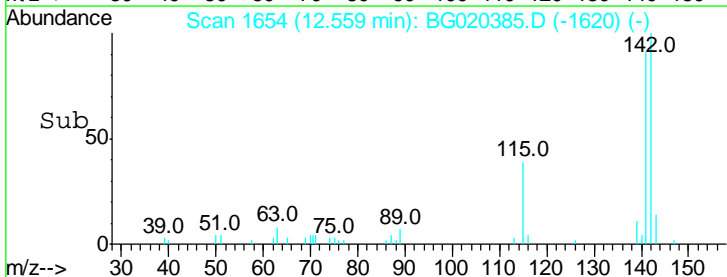
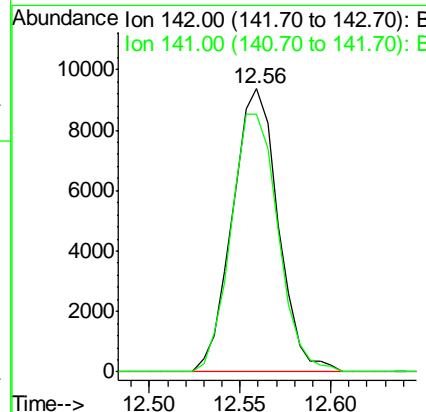
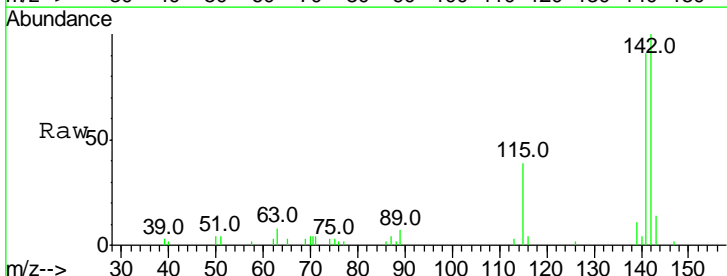
Instrument :
 BNA_G
 ClientSampled :
 D9N34DL

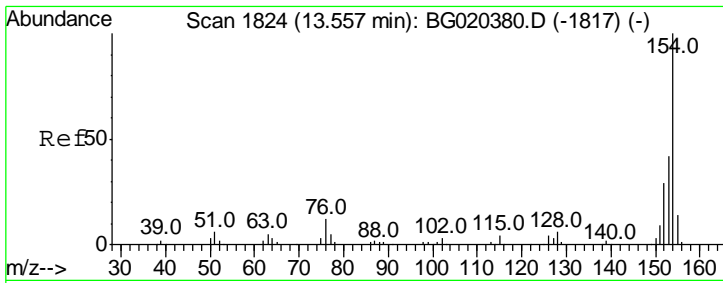
Tgt Ion	Resp	Lower	Upper
128	137897		
129	11.6	8.6	12.8
127	14.0	10.1	15.1



#34
 2-Methylnaphthalene
 Concen: 5.05 ng/ul
 RT: 12.56 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: BG020385.D
 Acq: 21 Dec 2015 20:24

Tgt Ion	Resp	Lower	Upper
142	16447		
141	91.0	74.9	112.3

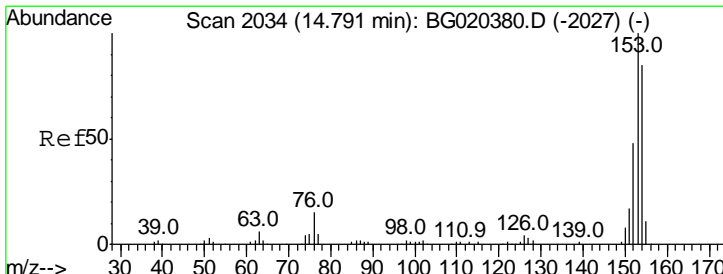
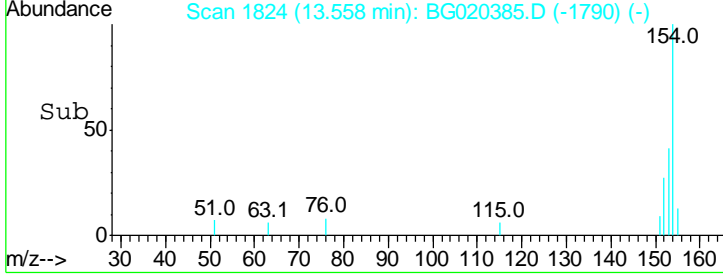
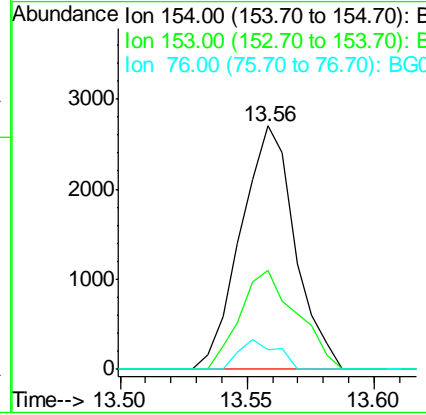
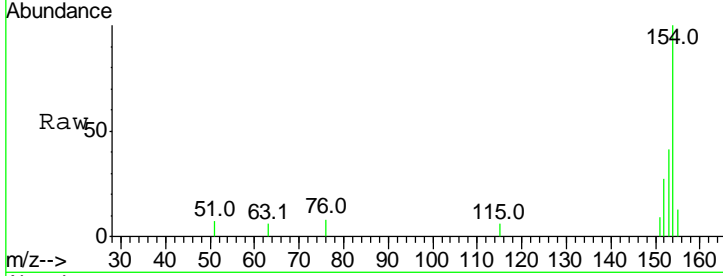




#41
 1,1'-Biphenyl
 Concen: 1.01 ng/ul
 RT: 13.56 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BG020385.D
 Acq: 21 Dec 2015 20:24

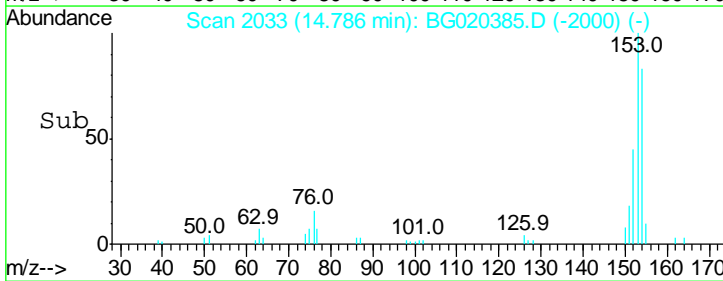
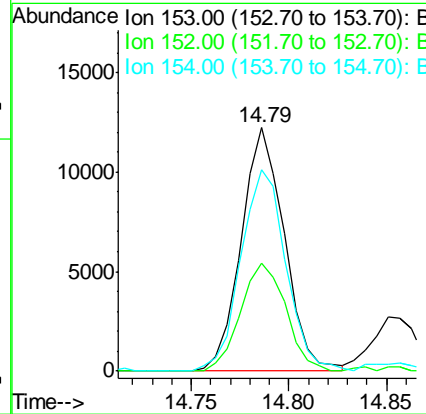
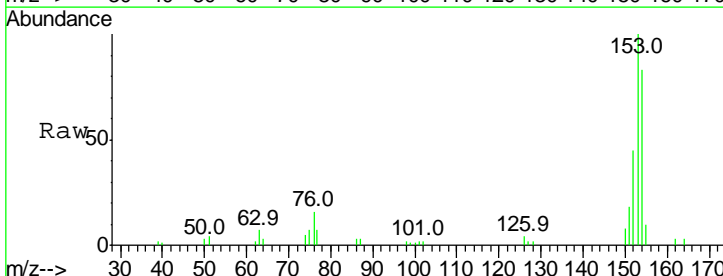
Instrument : BNA_G
 ClientSampled : D9N34DL

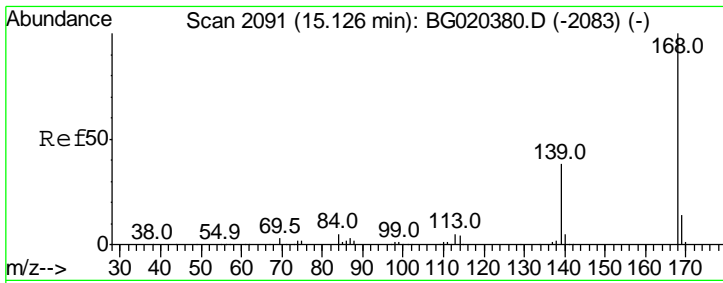
Tgt Ion	Resp	Lower	Upper
154	100		
153	40.6	35.5	53.3
76	8.0	10.4	15.6#



#50
 Acenaphthene
 Concen: 5.27 ng/ul
 RT: 14.79 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BG020385.D
 Acq: 21 Dec 2015 20:24

Tgt Ion	Resp	Lower	Upper
153	100		
152	44.5	37.6	56.4
154	82.7	67.9	101.9

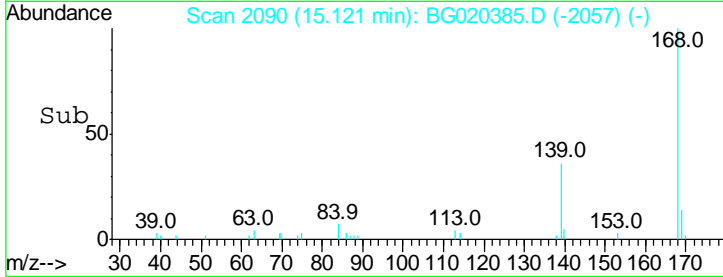
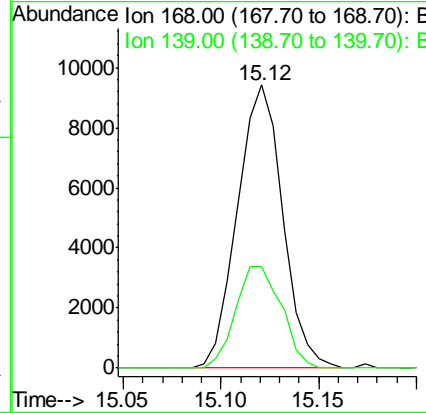
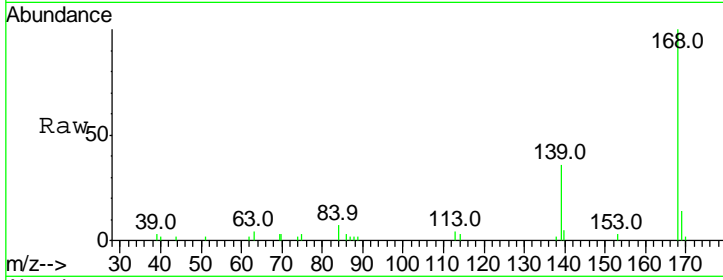




#54
 Dibenzofuran
 Concen: 2.88 ng/ul
 RT: 15.12 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: BG020385.D
 Acq: 21 Dec 2015 20:24

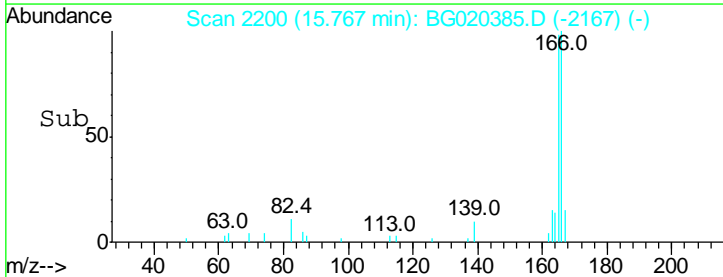
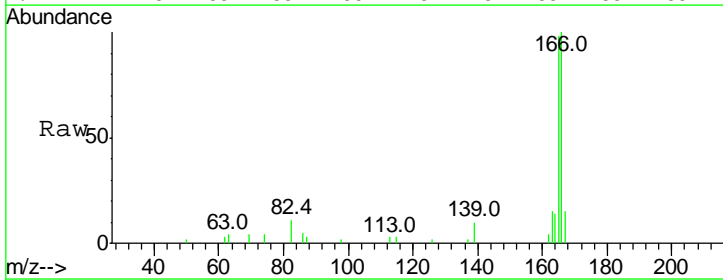
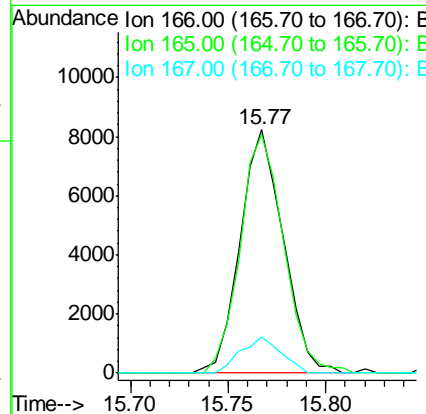
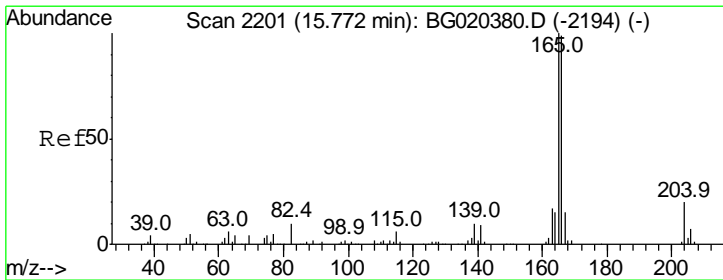
Instrument :
 BNA_G
 ClientSampled :
 D9N34DL

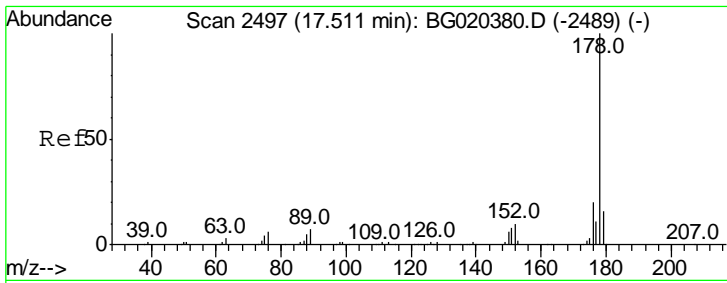
Tgt Ion	Resp	Lower	Upper
168	100		
139	35.8	30.5	45.7



#59
 Fluorene
 Concen: 2.97 ng/ul
 RT: 15.77 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG020385.D
 Acq: 21 Dec 2015 20:24

Tgt Ion	Resp	Lower	Upper
166	100		
165	98.1	81.4	122.0
167	15.0	11.2	16.8



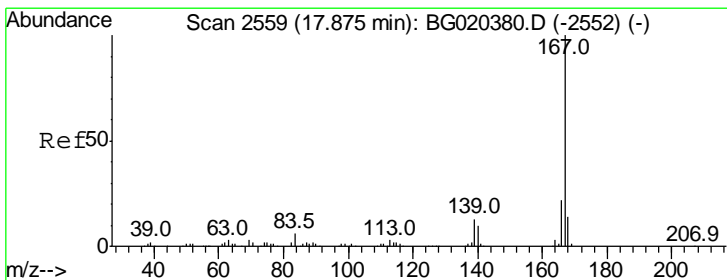
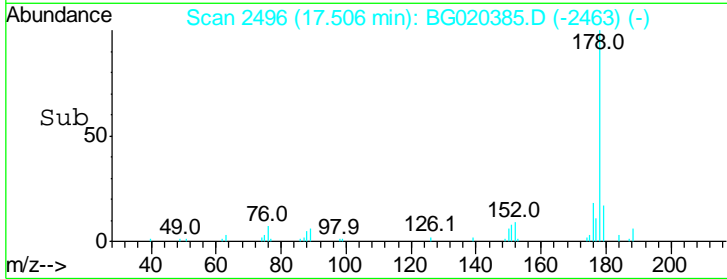
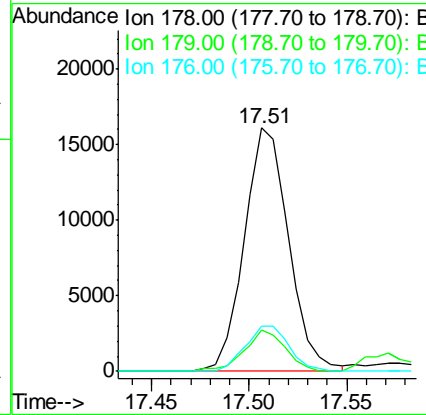
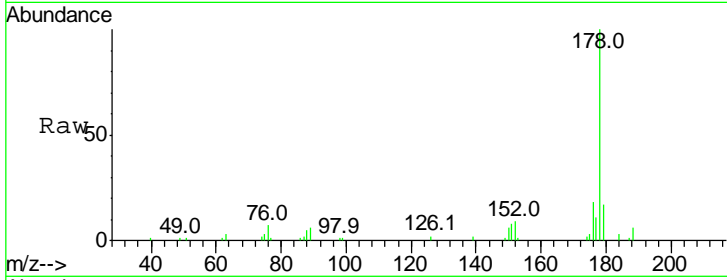


#70
 Phenanthrene
 Concen: 3.77 ng/ul
 RT: 17.51 min Scan# 2496
 Delta R.T. -0.00 min
 Lab File: BG020385.D
 Acq: 21 Dec 2015 20:24

Instrument :
 BNA_G
 ClientSampled :
 D9N34DL

Tgt Ion: 178 Resp: 25328

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.9	19.3
176	18.4	15.3	22.9



#75
 Carbazole
 Concen: 2.41 ng/ul
 RT: 17.87 min Scan# 2558
 Delta R.T. -0.00 min
 Lab File: BG020385.D
 Acq: 21 Dec 2015 20:24

Tgt Ion: 167 Resp: 13794

Ion	Ratio	Lower	Upper
167	100		
166	24.6	17.0	25.6
139	12.8	10.1	15.1

