

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
 Data File : BG020286.D
 Acq On : 18 Dec 2015 22:10
 Operator : UM/SJ
 Sample : G4768-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N31

Quant Time: Dec 21 10:14:33 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 19 00:45:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	15587	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	65166	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	45104	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	121959	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	174705	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	164067	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.47	96	300	1.06	ng/uL	0.00
5) Phenol-d5	7.24	99	9200	6.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	24297	29.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	26098	26.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	17535	14.92	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	16570	32.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	18642	32.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	33911	29.62	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	2896	2.25	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	126284	34.61	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	140831	33.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	4248	6.49	ng/ul	0.00
58) Fluorene-d10	15.71	176	113357	34.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	21108	29.20	ng/ul	0.00
71) Anthracene-d10	17.57	188	194041	34.53	ng/ul	0.00
79) Pyrene-d10	19.85	212	258393	31.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	283176	34.60	ng/ul	0.00

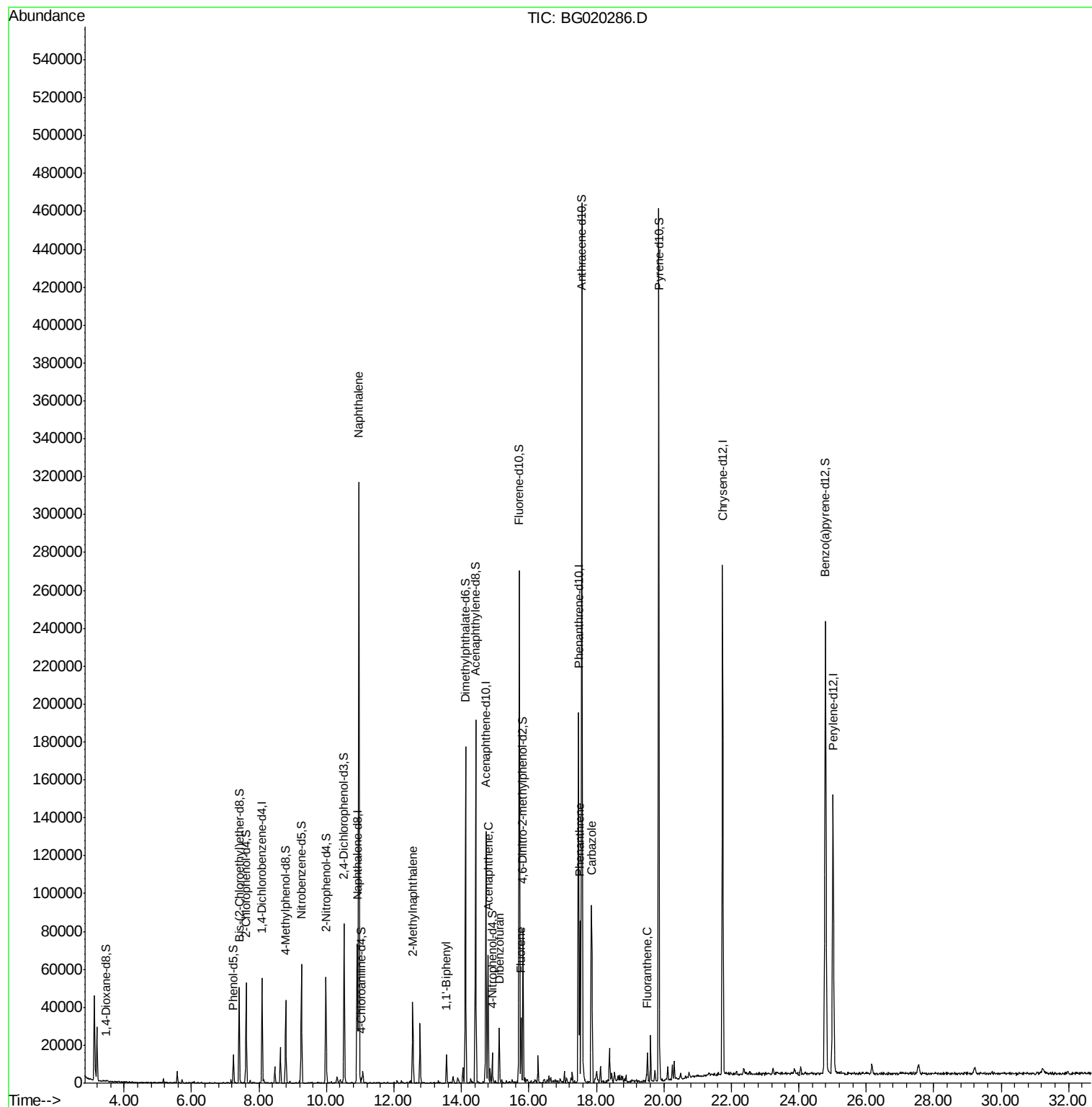
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.96	128	273030	80.23	ng/ul	98
34) 2-Methylnaphthalene	12.56	142	20583	7.92	ng/ul	93
41) 1,1'-Biphenyl	13.56	154	8996	2.64	ng/ul	99
50) Acenaphthene	14.79	153	30211	9.96	ng/ul	95
54) Dibenzofuran	15.12	168	18336	4.06	ng/ul	96
59) Fluorene	15.77	166	16388	4.52	ng/ul	99
70) Phenanthrene	17.51	178	53348	8.00	ng/ul	99
75) Carbazole	17.87	167	53607	9.43	ng/ul	98
77) Fluoranthene	19.51	202	11422	1.47	ng/ul	98

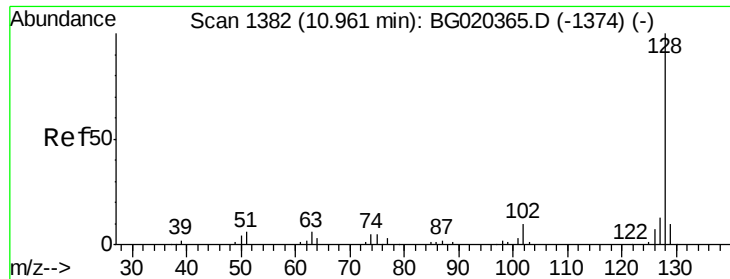
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#28

Naphthalene

Concen: 80.23 ng/ul

RT: 10.96 min Scan# 1382

Delta R.T. -0.00 min

Lab File: BG020286.D

Acq: 18 Dec 2015 22:10

Instrument :

BNA_G

ClientSampleId :

D9N31

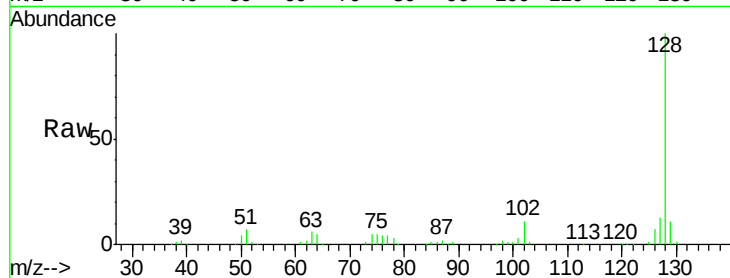
Tot Ion:128 Resp: 273030

Ion Ratio Lower Upper

128 100

129 11.5 8.6 12.8

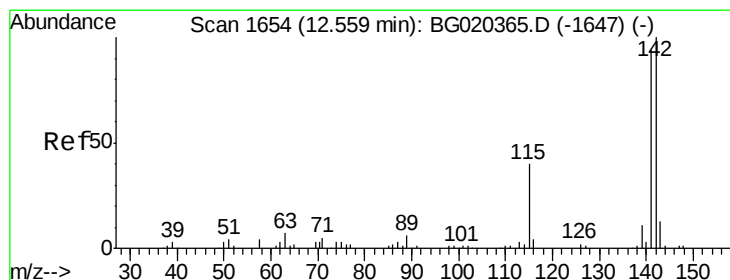
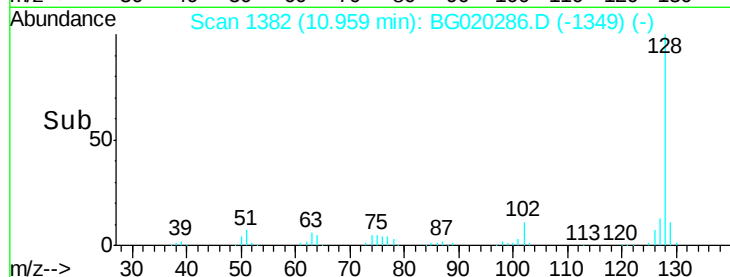
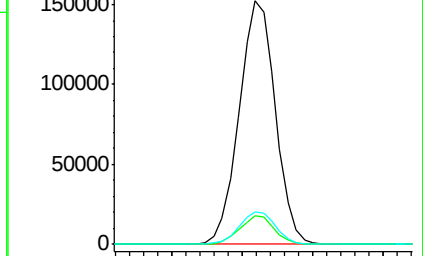
127 13.2 10.1 15.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 7.92 ng/ul

RT: 12.56 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BG020286.D

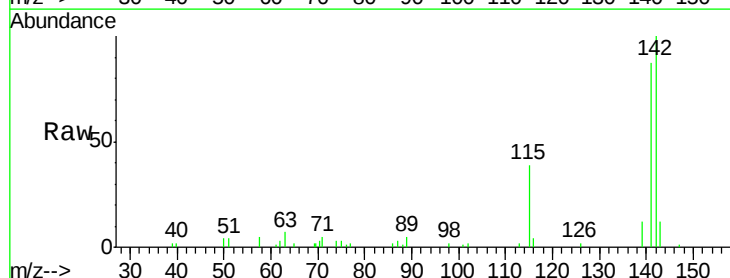
Acq: 18 Dec 2015 22:10

Tgt Ion:142 Resp: 20583

Ion Ratio Lower Upper

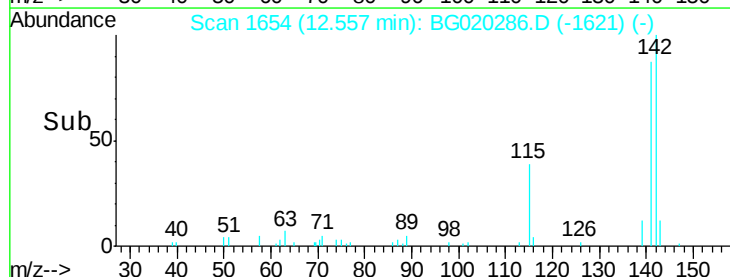
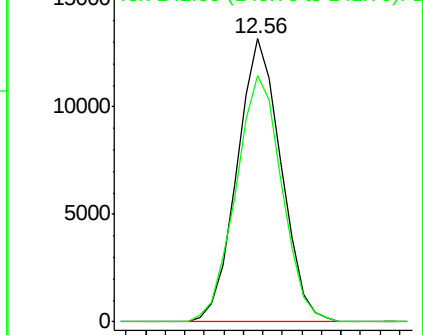
142 100

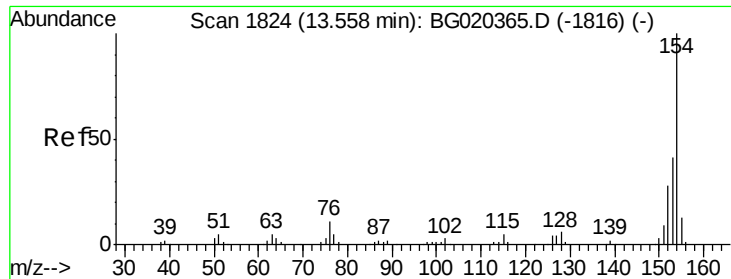
141 86.9 74.9 112.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

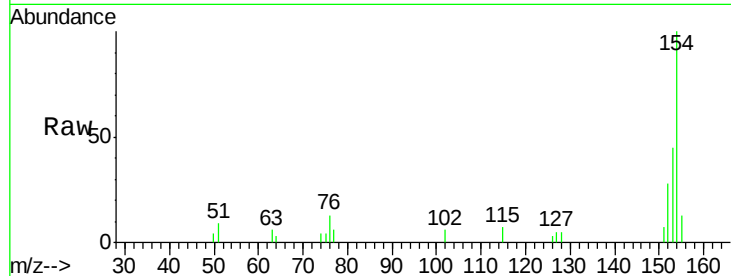




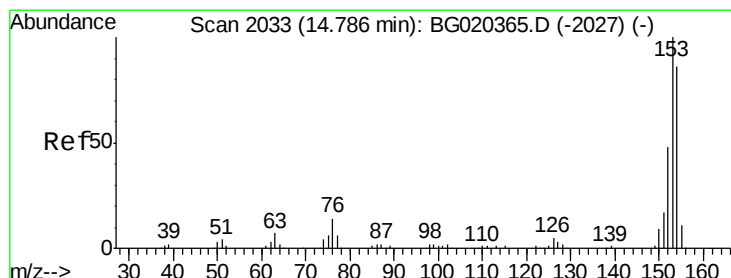
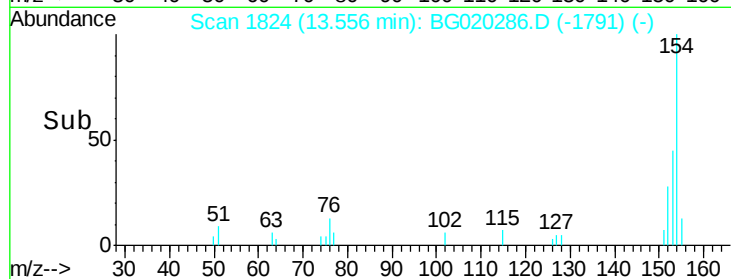
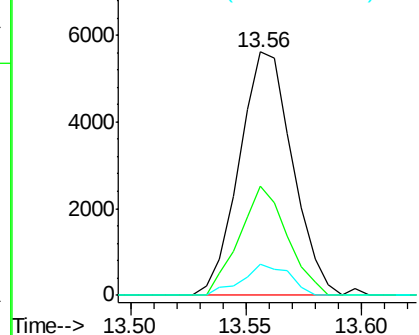
#41
 1,1'-Biphenyl
 Concen: 2.64 ng/ul
 RT: 13.56 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG020286.D
 Acq: 18 Dec 2015 22:10

Instrument :
 BNA_G
 ClientSampleId :
 D9N31

Tot Ion:154 Resp: 8996
 Ion Ratio Lower Upper
 154 100
 153 44.7 35.5 53.3
 76 12.6 10.4 15.6

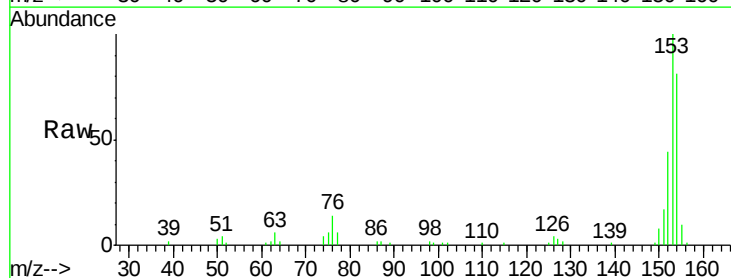


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

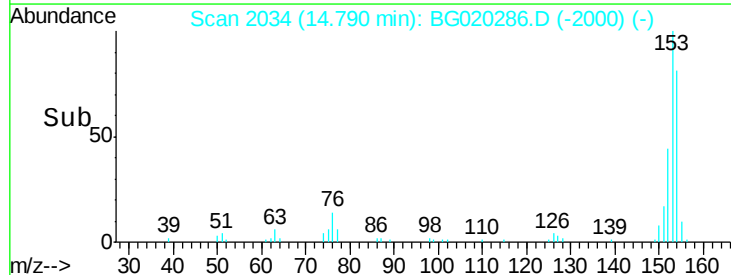
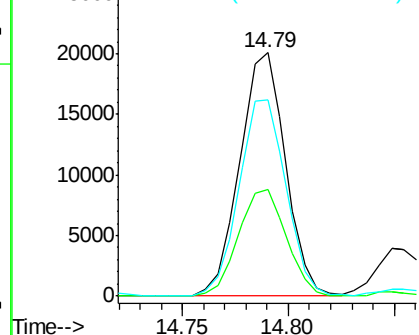


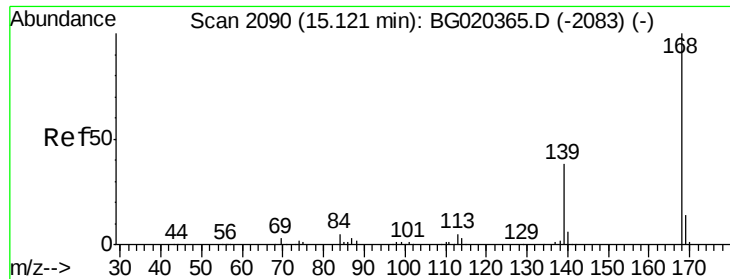
#50
 Acenaphthene
 Concen: 9.96 ng/ul
 RT: 14.79 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BG020286.D
 Acq: 18 Dec 2015 22:10

Tgt Ion:153 Resp: 30211
 Ion Ratio Lower Upper
 153 100
 152 43.9 37.6 56.4
 154 80.6 67.9 101.9



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

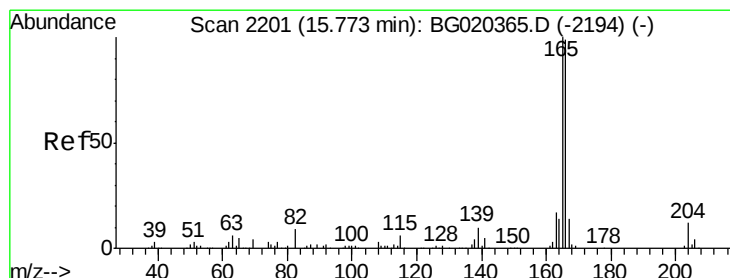
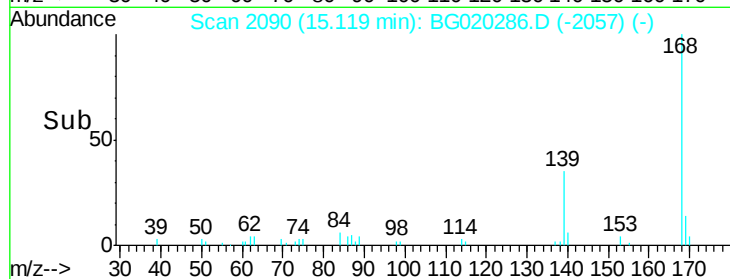
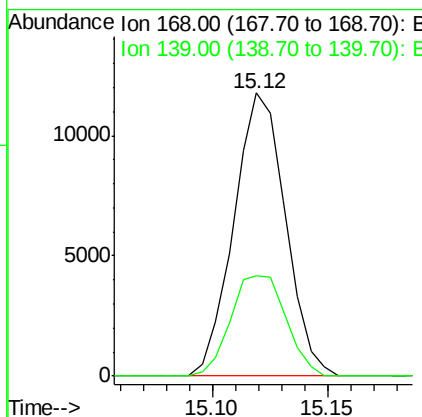
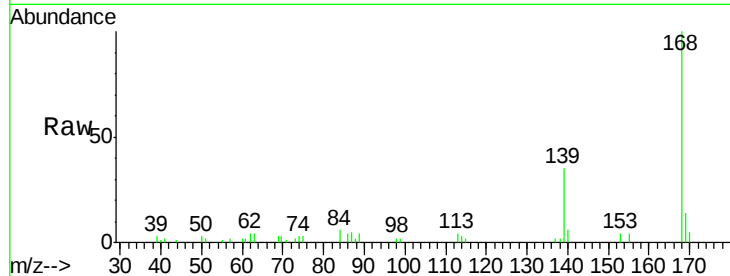




#54
Dibenzenofuran
Concen: 4.06 ng/ul
RT: 15.12 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BG020286.D
Acq: 18 Dec 2015 22:10

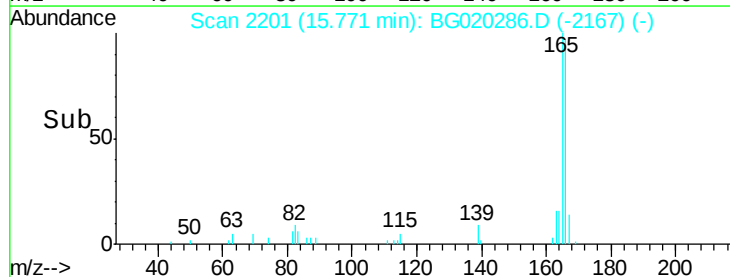
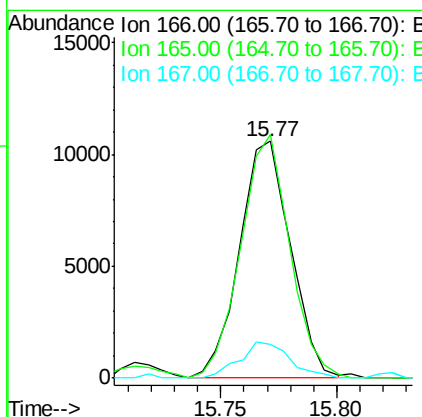
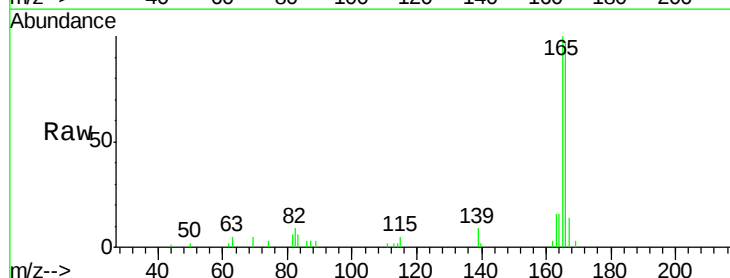
Instrument :
BNA_G
ClientSampled :
D9N31

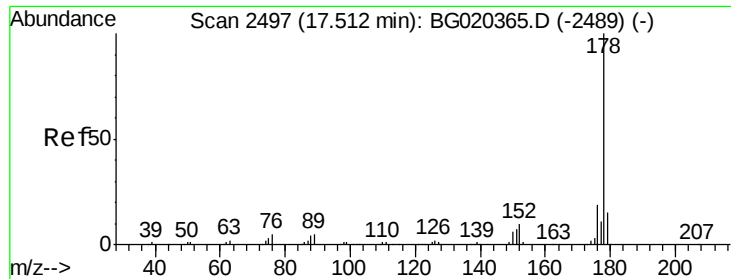
Tot Ion:168 Resp: 18336
Ion Ratio Lower Upper
168 100
139 35.4 30.5 45.7



#59
Fluorene
Concen: 4.52 ng/ul
RT: 15.77 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BG020286.D
Acq: 18 Dec 2015 22:10

Tgt Ion:166 Resp: 16388
Ion Ratio Lower Upper
166 100
165 102.7 81.4 122.0
167 14.3 11.2 16.8





#70

Phenanthrene

Concen: 8.00 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. 0.00 min

Lab File: BG020286.D

Acq: 18 Dec 2015 22:10

Instrument :

BNA_G

ClientSampleId :

D9N31

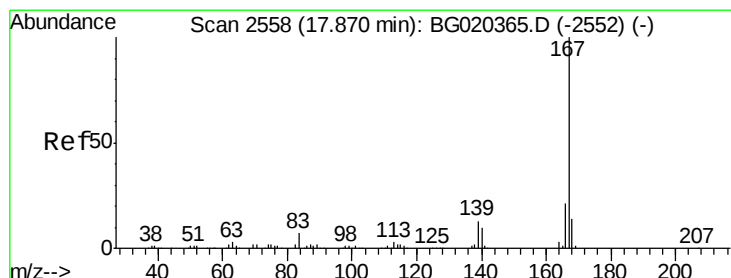
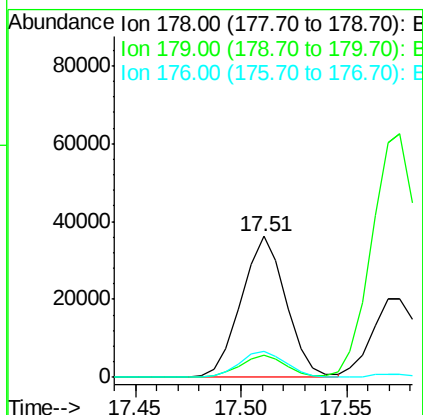
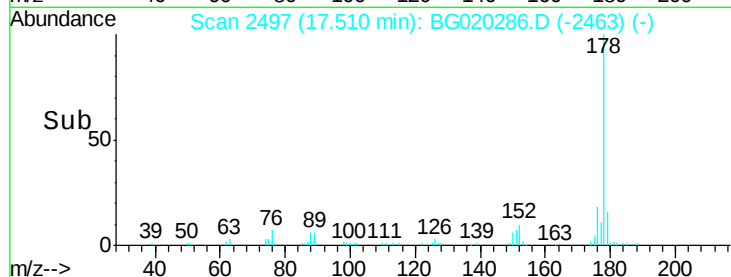
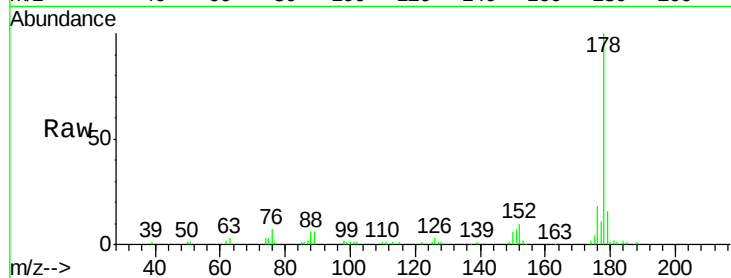
Tot Ion:178 Resp: 53348

Ion Ratio Lower Upper

178 100

179 15.7 12.9 19.3

176 18.4 15.3 22.9



#75

Carbazole

Concen: 9.43 ng/ul

RT: 17.87 min Scan# 2558

Delta R.T. -0.00 min

Lab File: BG020286.D

Acq: 18 Dec 2015 22:10

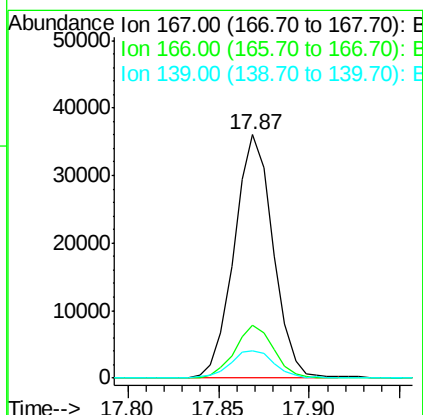
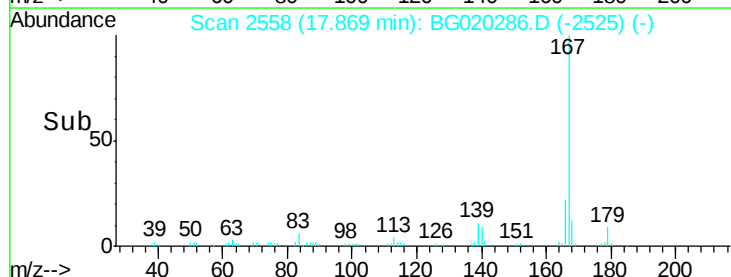
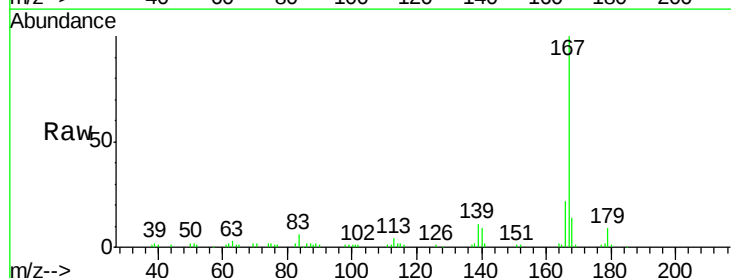
Tgt Ion:167 Resp: 53607

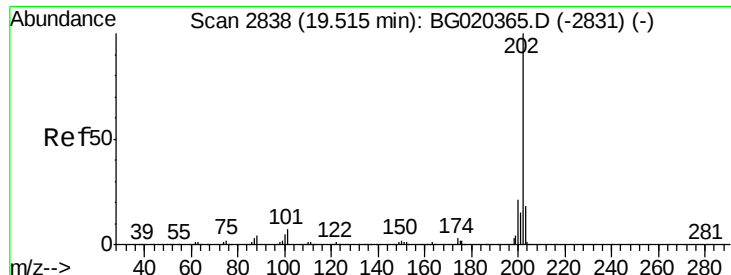
Ion Ratio Lower Upper

167 100

166 21.8 17.0 25.6

139 11.3 10.1 15.1





#77
 Fluoranthene
 Concen: 1.47 ng/ul
 RT: 19.51 min Scan# 2838
 Delta R.T. -0.00 min
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 Acq: 18 Dec 2015 22:10

Instrument :
 BNA_G
 ClientSampleId :
 D9N31

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.2	9.4
100	5.4	5.1	7.7

