

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122015\
 Data File : BG020358.D
 Acq On : 21 Dec 2015 1:14
 Operator : UM/SJ
 Sample : G4848-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N52

Quant Time: Dec 21 02:01:47 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 01:58:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	20601	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	90735	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	62817	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	150054	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	185925	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	171794	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	1776	4.76	ng/uL	0.00
5) Phenol-d5	7.26	99	54253	29.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	32877	30.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	42813	32.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	48536	31.24	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	23232	32.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	27452	34.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	52307	32.81	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	57848	32.30	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	192282	37.84	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	212003	35.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	28600	31.38	ng/ul	0.00
58) Fluorene-d10	15.72	176	168691	36.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	29745	33.44	ng/ul	0.00
71) Anthracene-d10	17.57	188	282438	40.85	ng/ul	0.00
79) Pyrene-d10	19.85	212	337803	38.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	377312	44.03	ng/ul	0.00

Target Compounds

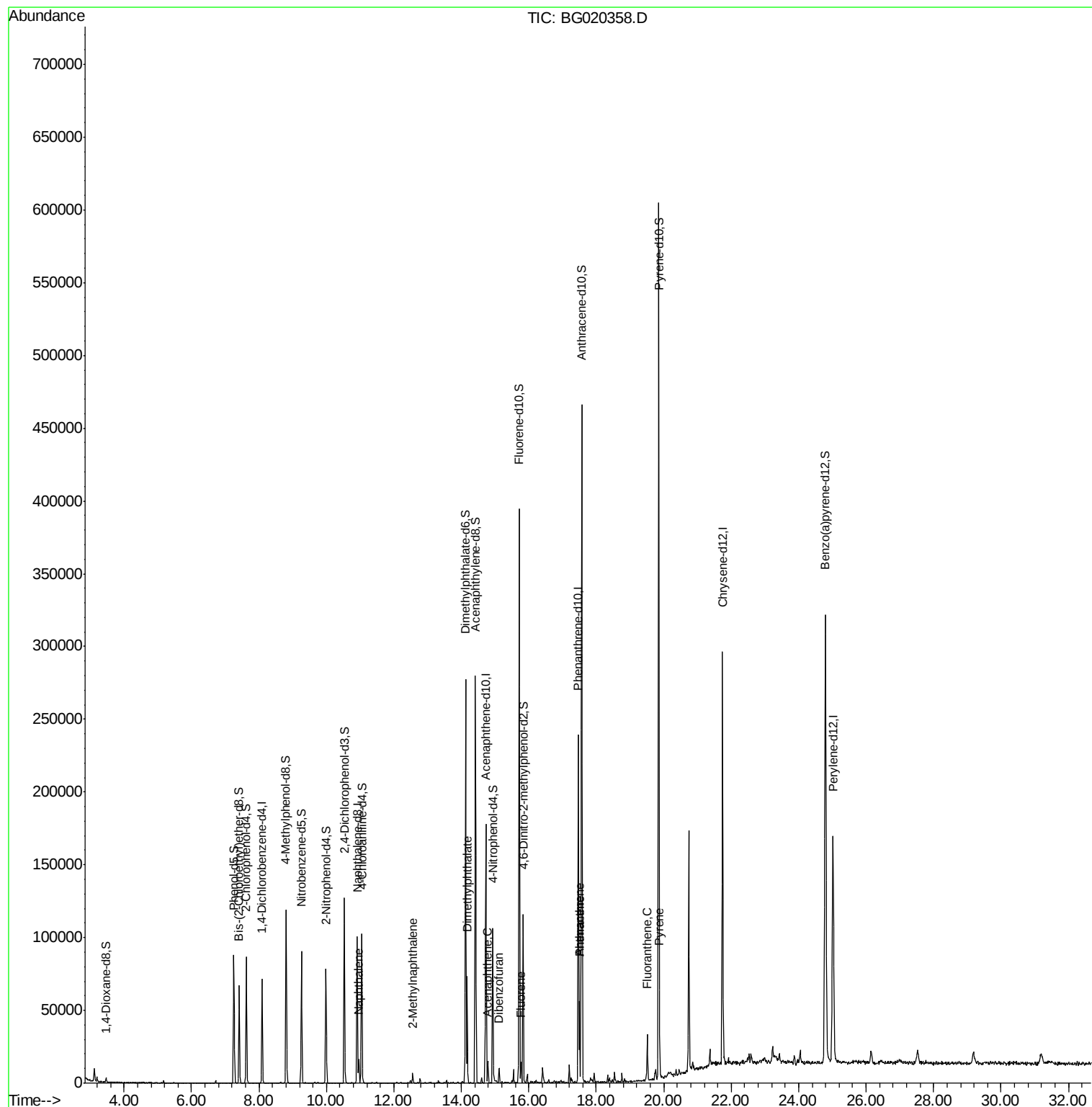
						Ovalue
28) Naphthalene	10.96	128	15376	3.25	ng/ul	97
34) 2-Methylnaphthalene	12.56	142	4493	1.24	ng/ul	91
45) Dimethylphthalate	14.17	163	49792	9.59	ng/ul	99
50) Acenaphthene	14.79	153	7631	1.81	ng/ul	95
54) Dibenzofuran	15.12	168	7916	1.26	ng/ul	100
59) Fluorene	15.76	166	7164	1.42	ng/ul	98
70) Phenanthrene	17.51	178	35599	4.34	ng/ul	97
72) Anthracene	17.51	178	35599	4.28	ng/ul	95
77) Fluoranthene	19.51	202	22688	2.37	ng/ul#	96
80) Pyrene	19.88	202	15248	1.36	ng/ul	98

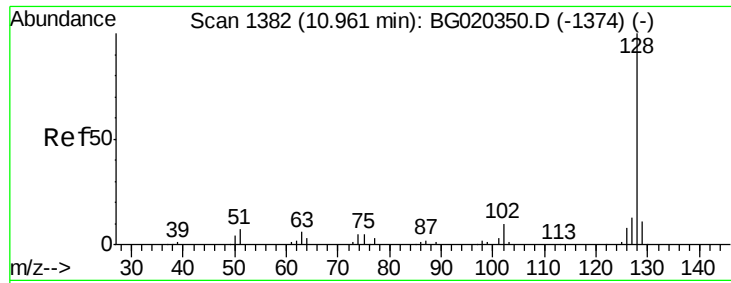
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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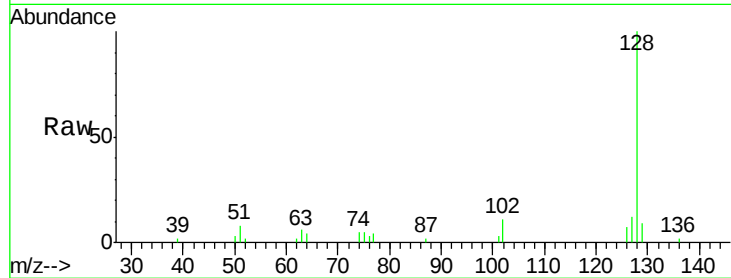




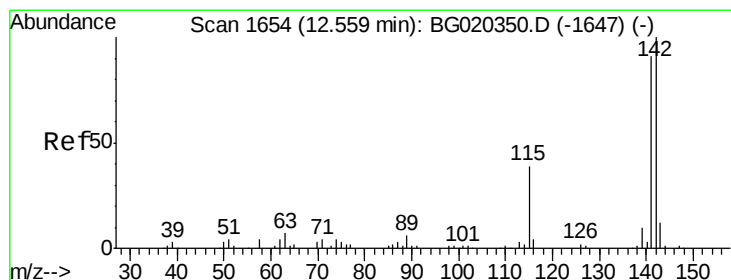
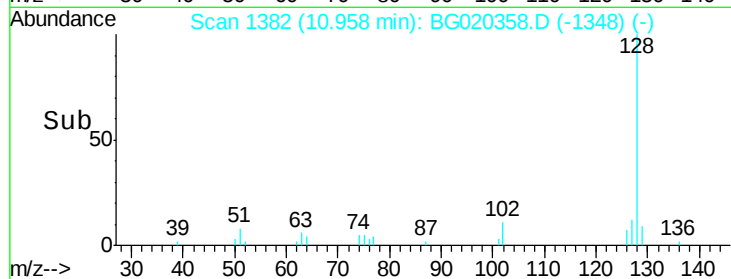
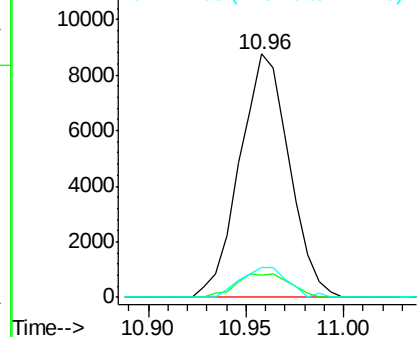
#28
Naphthalene
Concen: 3.25 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BG020358.D
Acq: 21 Dec 2015 1:14

Instrument :
BNA_G
ClientSampleId :
D9N52

Tot Ion:128 Resp: 15376
Ion Ratio Lower Upper
128 100
129 9.1 8.6 12.8
127 12.1 10.1 15.1

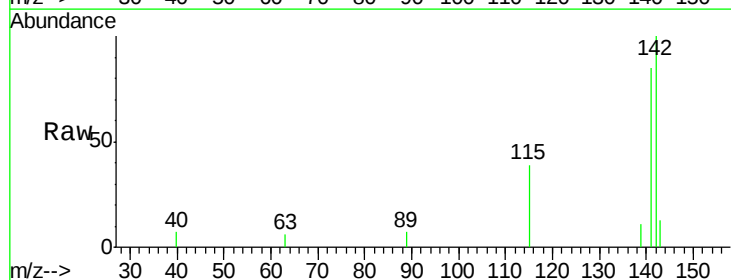


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

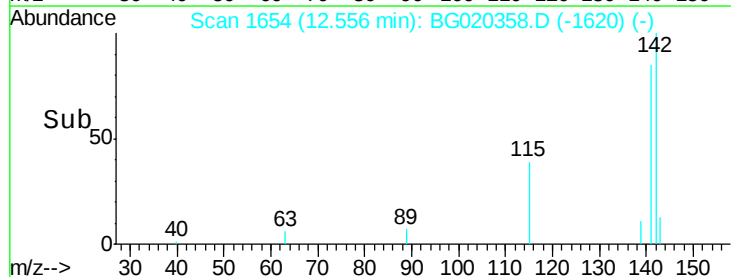
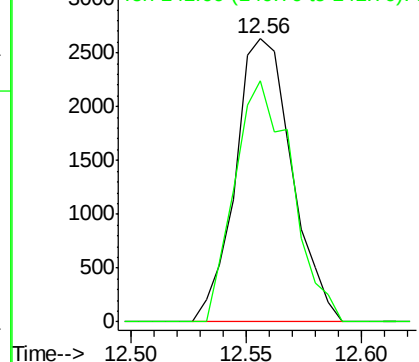


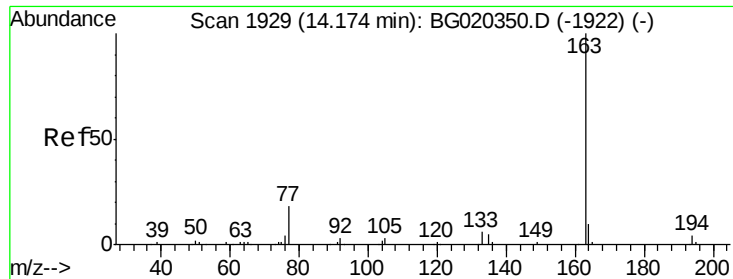
#34
2-Methylnaphthalene
Concen: 1.24 ng/ul
RT: 12.56 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BG020358.D
Acq: 21 Dec 2015 1:14

Tgt Ion:142 Resp: 4493
Ion Ratio Lower Upper
142 100
141 85.3 74.9 112.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

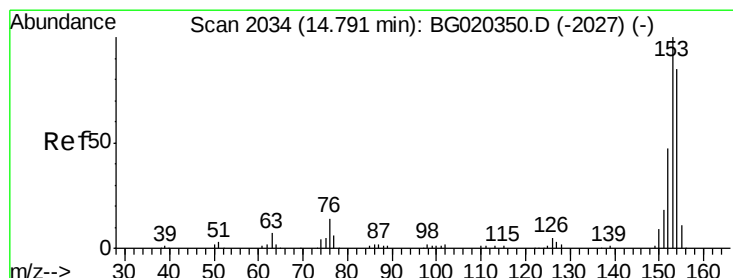
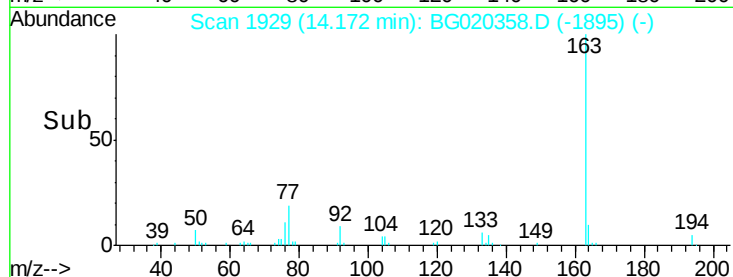
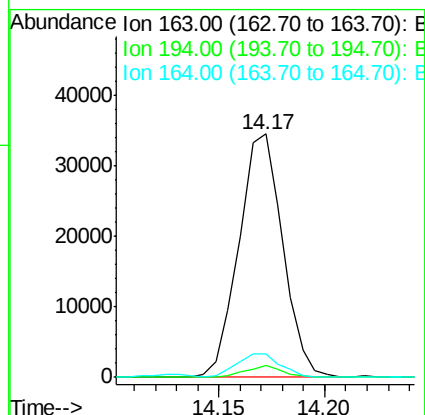
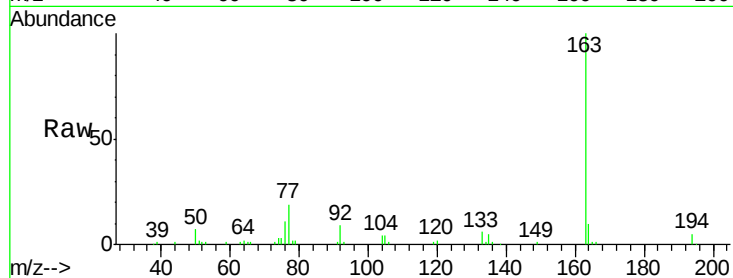




#45
Dimethylphthalate
Concen: 9.59 ng/ul
RT: 14.17 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BG020358.D
Acq: 21 Dec 2015 1:14

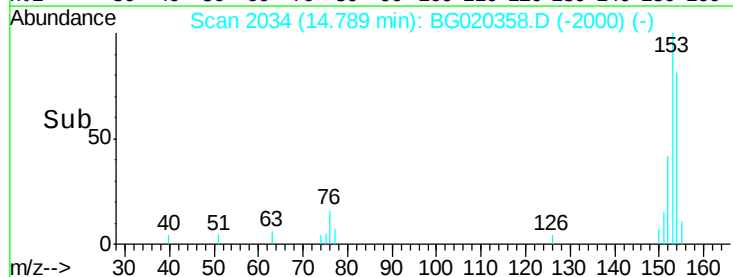
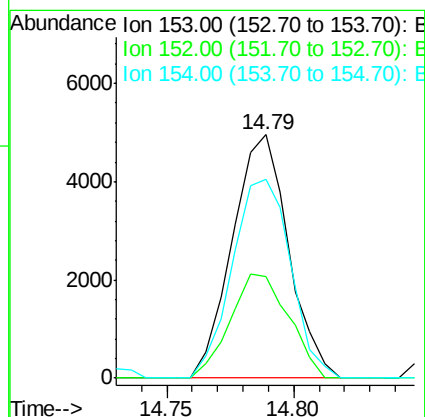
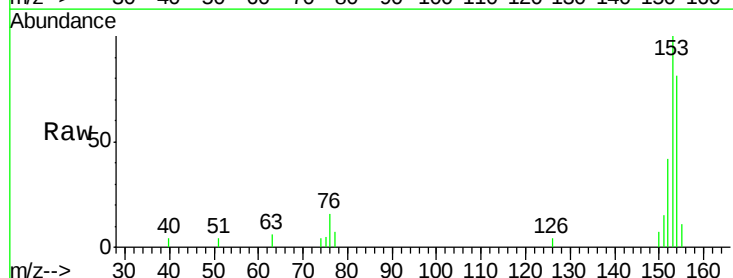
Instrument :
BNA_G
ClientSampleId :
D9N52

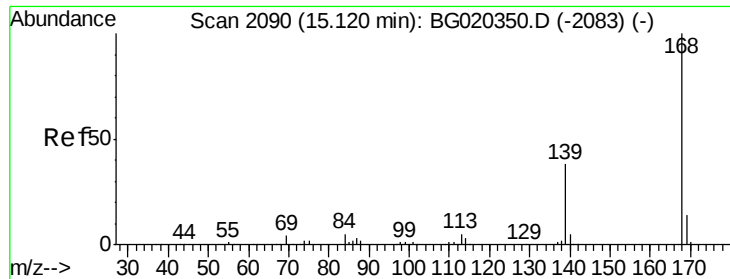
Tot Ion:163 Resp: 49792
Ion Ratio Lower Upper
163 100
194 4.8 3.5 5.3
164 9.5 7.7 11.5



#50
Acenaphthene
Concen: 1.81 ng/ul
RT: 14.79 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG020358.D
Acq: 21 Dec 2015 1:14

Tgt Ion:153 Resp: 7631
Ion Ratio Lower Upper
153 100
152 41.9 37.6 56.4
154 81.4 67.9 101.9

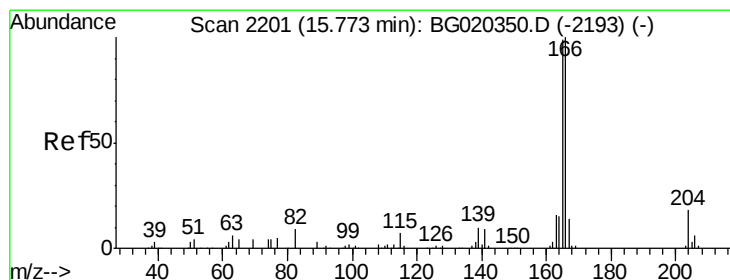
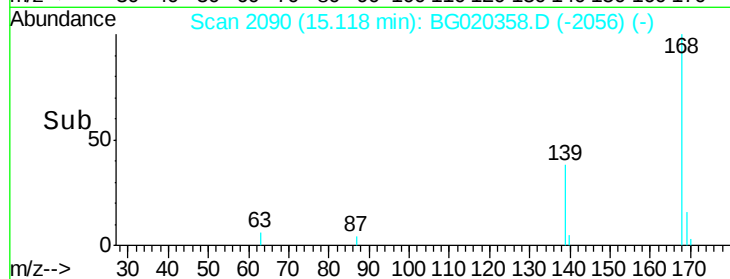
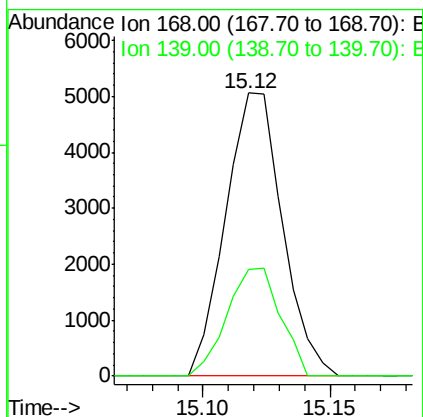
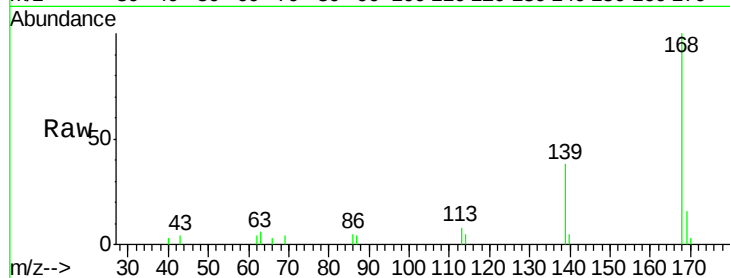




#54
Dibenzenofuran
Concen: 1.26 ng/ul
RT: 15.12 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BG020358.D
Acq: 21 Dec 2015 1:14

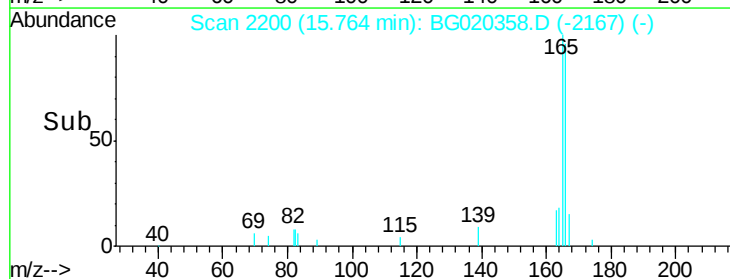
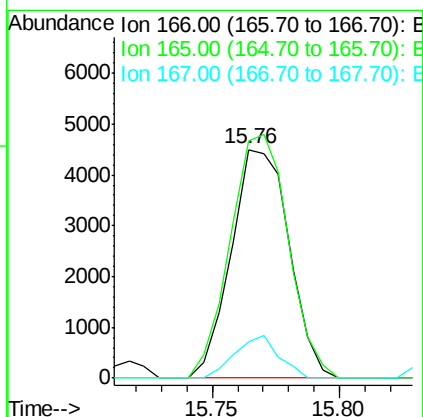
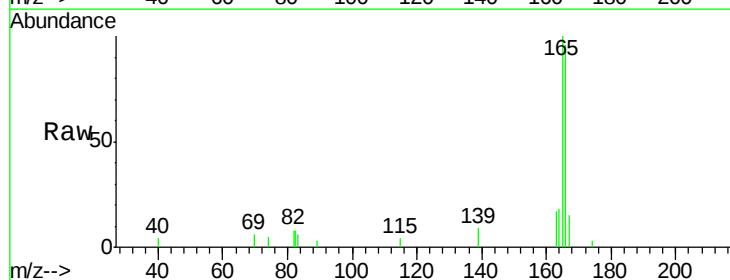
Instrument :
BNA_G
ClientSampleId :
D9N52

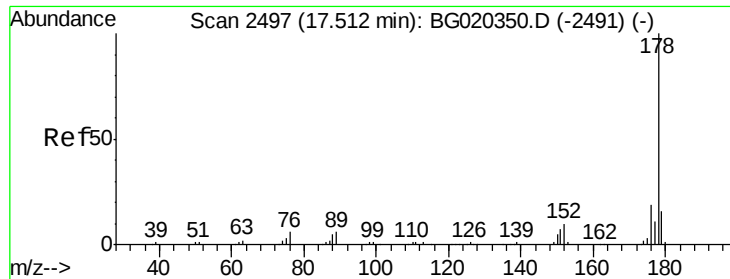
Tot Ion:168 Resp: 7916
Ion Ratio Lower Upper
168 100
139 37.8 30.5 45.7



#59
Fluorene
Concen: 1.42 ng/ul
RT: 15.76 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG020358.D
Acq: 21 Dec 2015 1:14

Tgt Ion:166 Resp: 7164
Ion Ratio Lower Upper
166 100
165 103.9 81.4 122.0
167 16.0 11.2 16.8

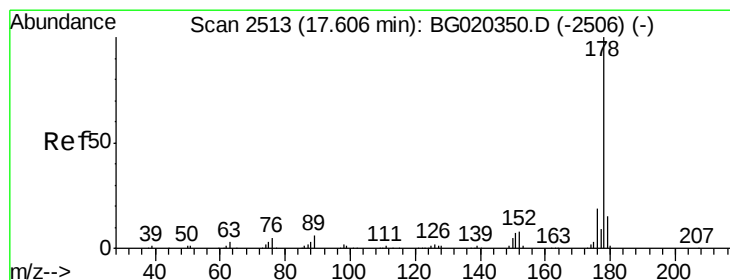
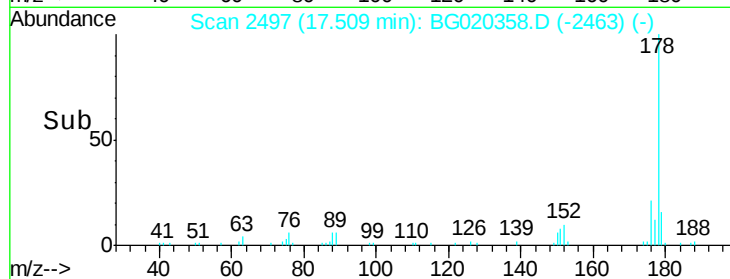
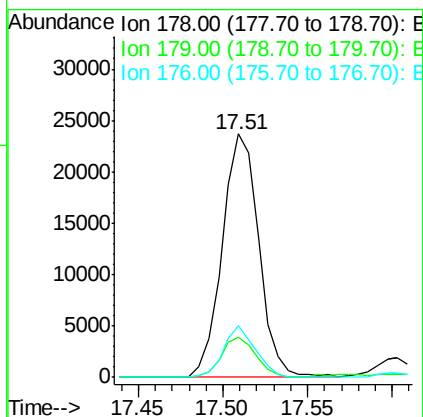
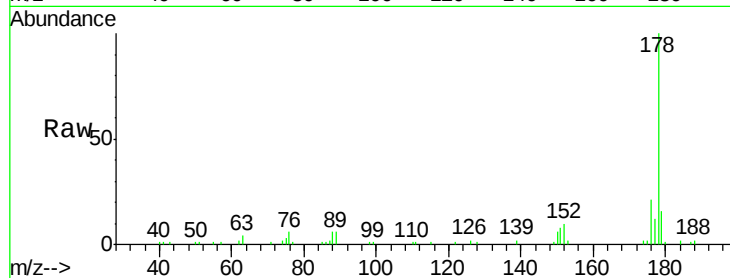




#70
Phenanthrene
Concen: 4.34 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BG020358.D
Acq: 21 Dec 2015 1:14

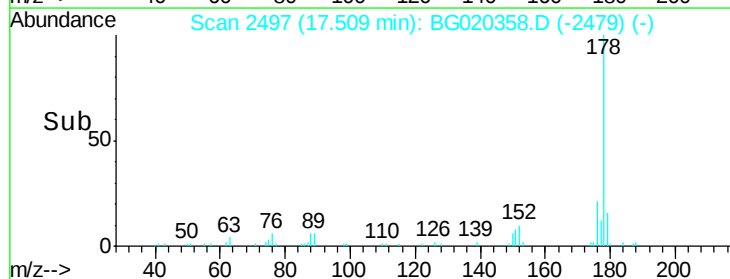
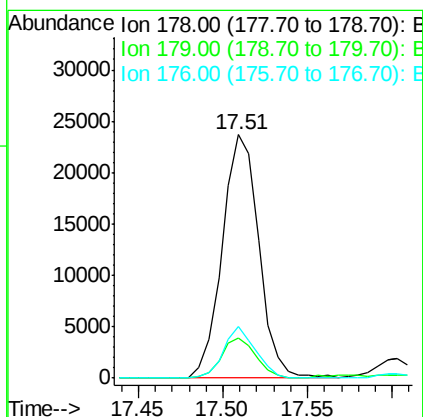
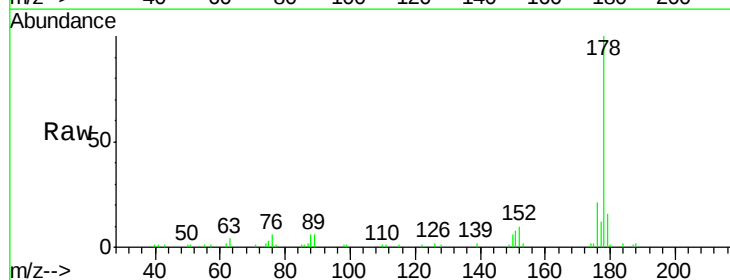
Instrument :
BNA_G
ClientSampleId :
D9N52

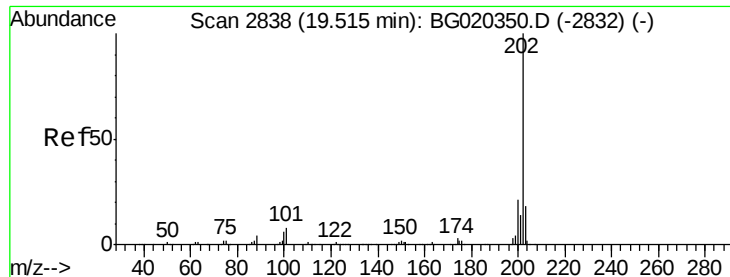
Tot Ion:178 Resp: 35599
Ion Ratio Lower Upper
178 100
179 16.3 12.9 19.3
176 21.2 15.3 22.9



#72
Anthracene
Concen: 4.28 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. -0.10 min
Lab File: BG020358.D
Acq: 21 Dec 2015 1:14

Tgt Ion:178 Resp: 35599
Ion Ratio Lower Upper
178 100
179 16.3 12.3 18.5
176 21.2 14.3 21.5





#77

Fluoranthene

Concen: 2.37 ng/ul

RT: 19.51 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BG020358.D

Acq: 21 Dec 2015 1:14

Instrument :

BNA_G

ClientSampleId :

D9N52

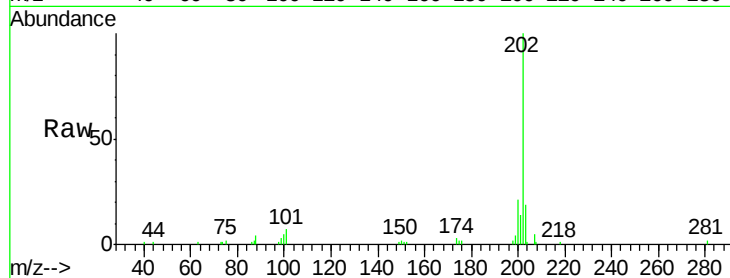
Tot Ion:202 Resp: 22688

Ion Ratio Lower Upper

202 100

101 6.7 6.2 9.4

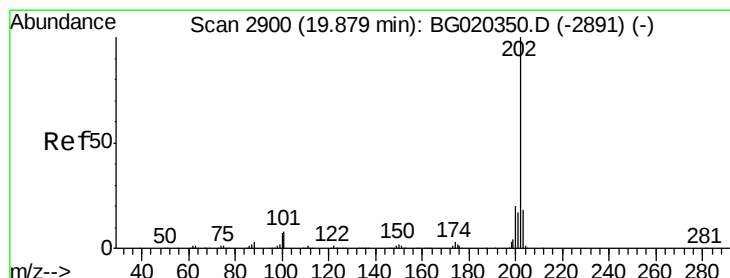
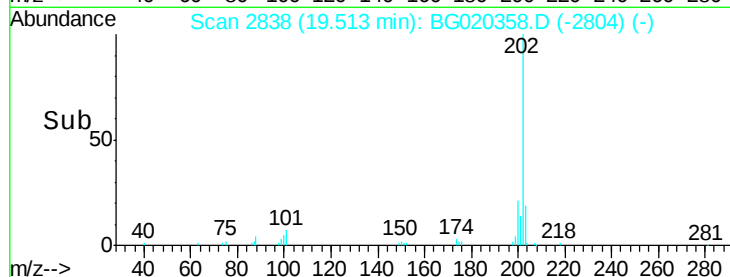
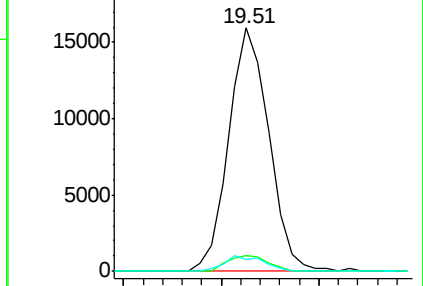
100 4.6 5.1 7.7#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Pyrene

Concen: 1.36 ng/ul

RT: 19.88 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG020358.D

Acq: 21 Dec 2015 1:14

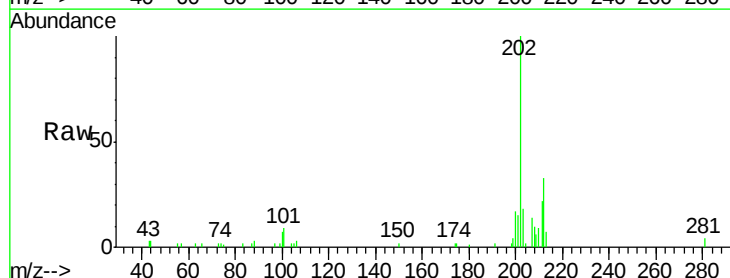
Tgt Ion:202 Resp: 15248

Ion Ratio Lower Upper

202 100

101 9.4 7.0 10.4

100 7.4 6.4 9.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

