

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122015\
 Data File : BG020364.D
 Acq On : 21 Dec 2015 5:07
 Operator : UM/SJ
 Sample : G4848-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N59

Quant Time: Dec 21 05:50:01 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	19827	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	88359	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	61724	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	147764	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	185482	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	172887	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	2090	5.82	ng/uL	0.00
5) Phenol-d5	7.25	99	54550	31.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	32926	31.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	43082	33.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	47989	32.10	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	23570	34.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	27435	35.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	52317	33.70	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	66005	37.85	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	177120	35.48	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	204052	35.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	27162	30.33	ng/ul	0.00
58) Fluorene-d10	15.71	176	158491	35.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	25605	29.23	ng/ul	-0.01
71) Anthracene-d10	17.57	188	255915	37.59	ng/ul	0.00
79) Pyrene-d10	19.85	212	305018	35.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	339860	39.41	ng/ul	0.00

Target Compounds

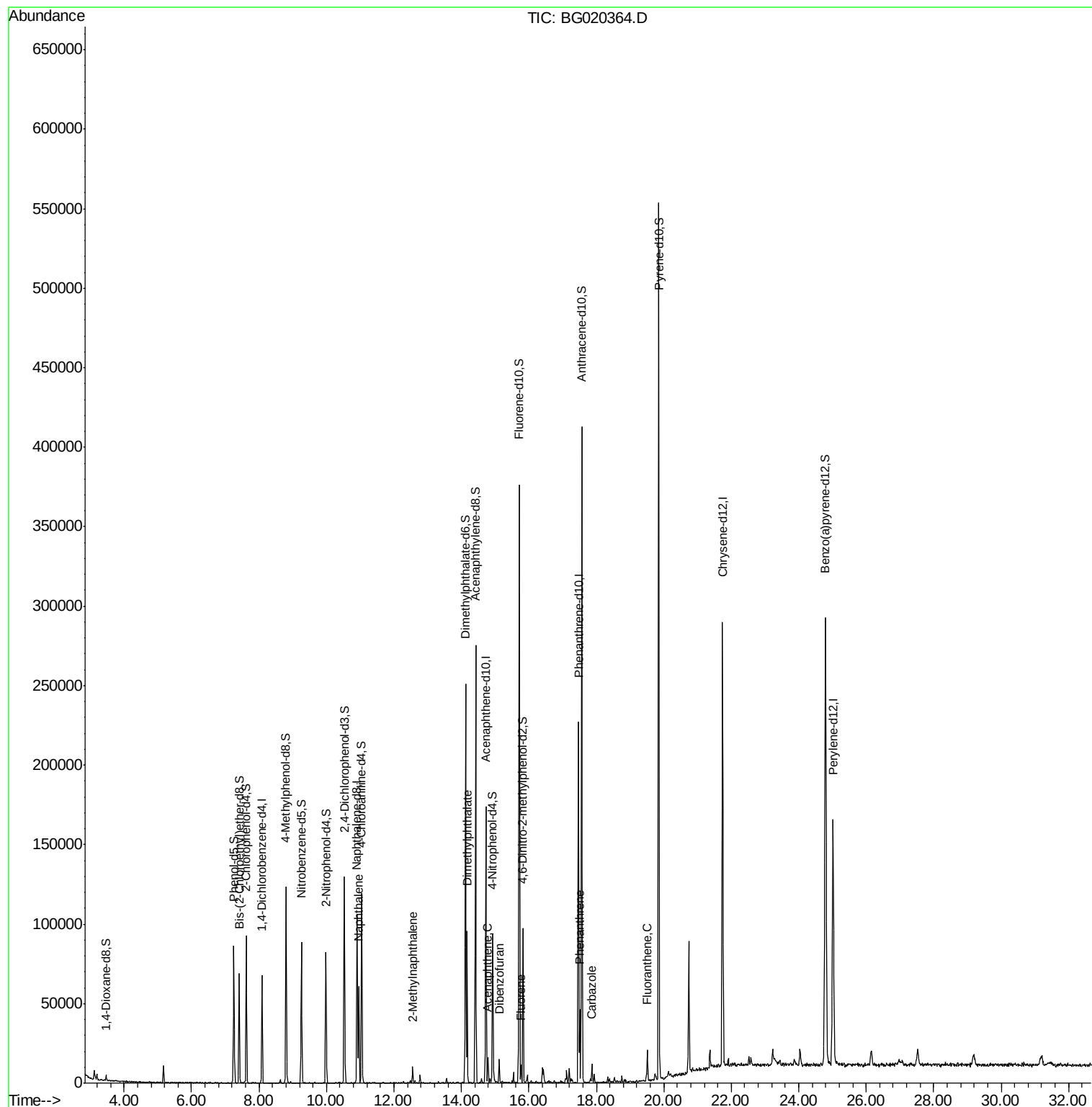
						Ovalue
28) Naphthalene	10.96	128	51540	11.17	ng/ul	97
34) 2-Methylnaphthalene	12.56	142	5619	1.59	ng/ul	96
45) Dimethylphthalate	14.17	163	63304	12.41	ng/ul	98
50) Acenaphthene	14.78	153	7791	1.88	ng/ul	91
54) Dibenzofuran	15.12	168	10374	1.68	ng/ul	92
59) Fluorene	15.77	166	5473	1.10	ng/ul	92
70) Phenanthrene	17.51	178	29888	3.70	ng/ul	96
75) Carbazole	17.87	167	9582	1.39	ng/ul#	94
77) Fluoranthene	19.51	202	13238	1.40	ng/ul#	95

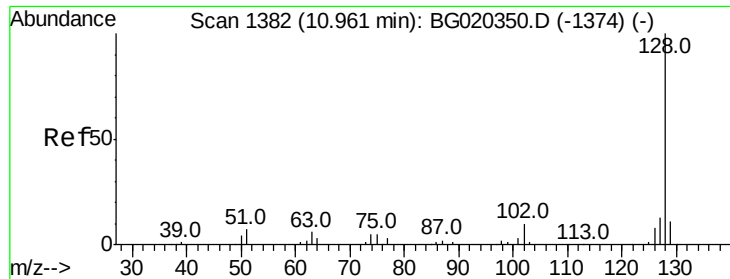
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 11.17 ng/ul

RT: 10.96 min Scan# 1382

Delta R.T. -0.00 min

Lab File: BG020364.D

Acq: 21 Dec 2015 5:07

Instrument :

BNA_G

ClientSampleId :

D9N59

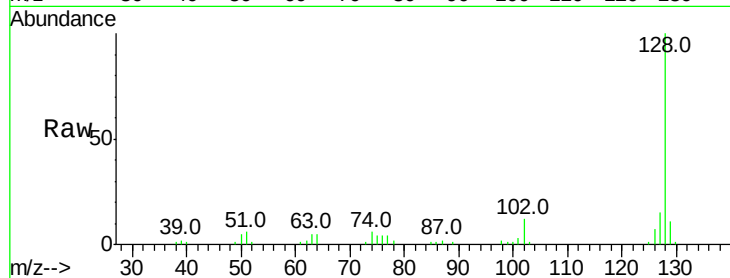
Tot Ion:128 Resp: 51540

Ion Ratio Lower Upper

128 100

129 10.6 8.6 12.8

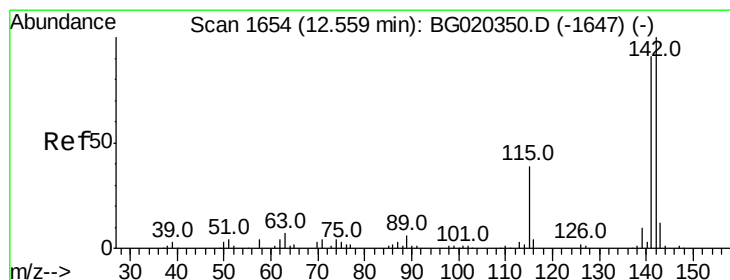
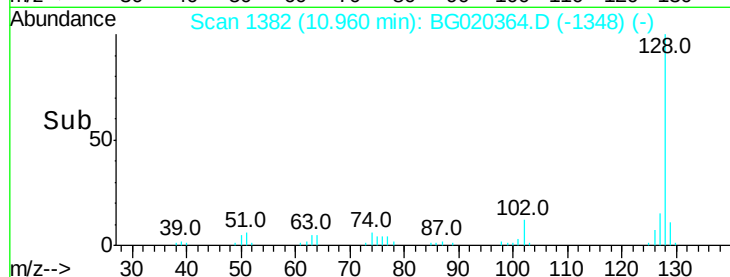
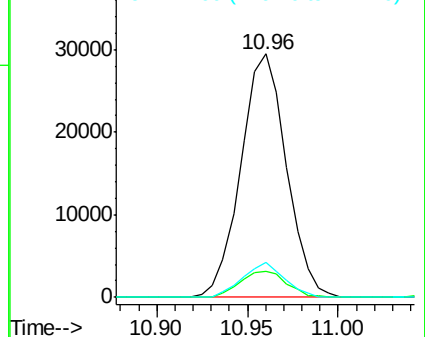
127 14.5 10.1 15.1



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: 1.59 ng/ul

RT: 12.56 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BG020364.D

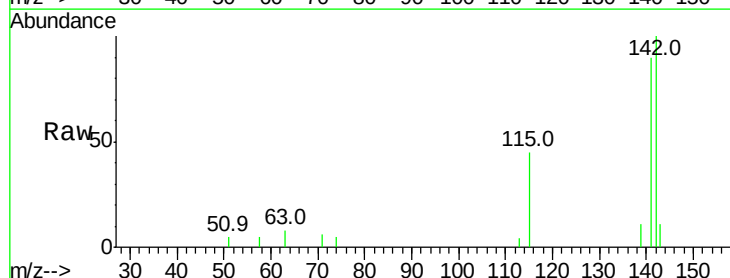
Acq: 21 Dec 2015 5:07

Tgt Ion:142 Resp: 5619

Ion Ratio Lower Upper

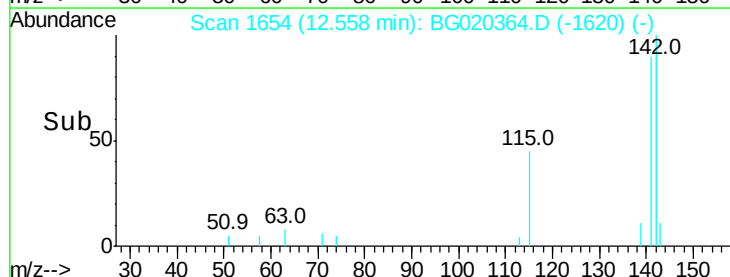
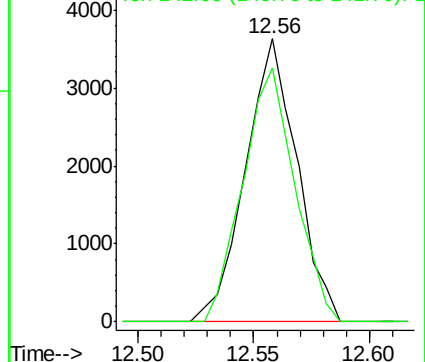
142 100

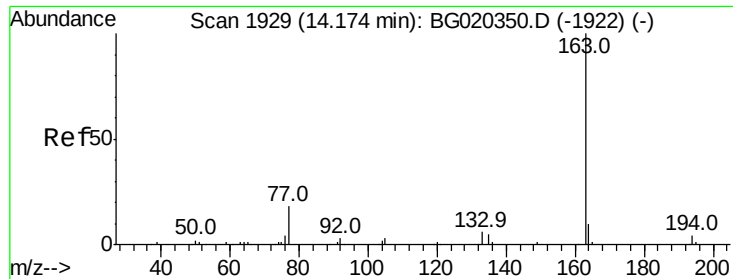
141 89.7 74.9 112.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#45

Dimethylphthalate

Concen: 12.41 ng/ul

RT: 14.17 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BG020364.D

Acq: 21 Dec 2015 5:07

Instrument :

BNA_G

ClientSampleId :

D9N59

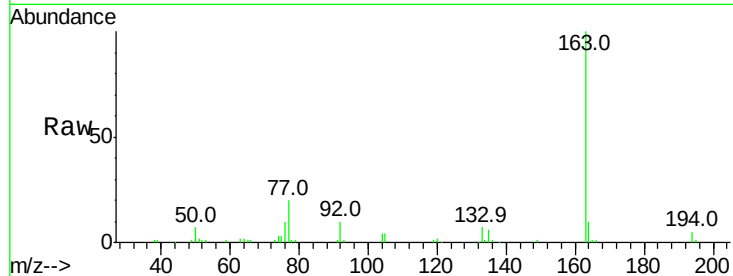
Tot Ion:163 Resp: 63304

Ion Ratio Lower Upper

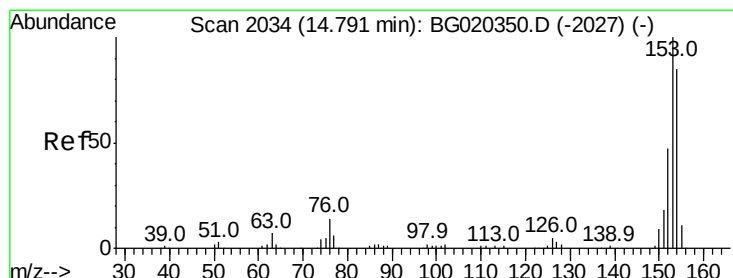
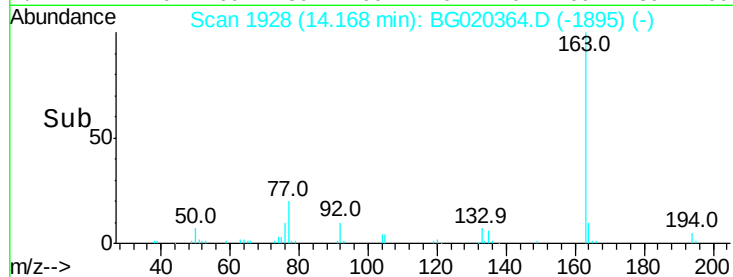
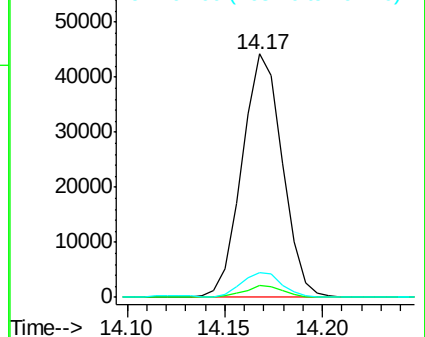
163 100

194 4.7 3.5 5.3

164 10.3 7.7 11.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

Acenaphthene

Concen: 1.88 ng/ul

RT: 14.78 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BG020364.D

Acq: 21 Dec 2015 5:07

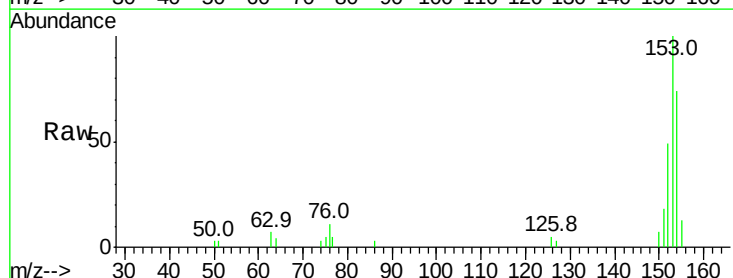
Tgt Ion:153 Resp: 7791

Ion Ratio Lower Upper

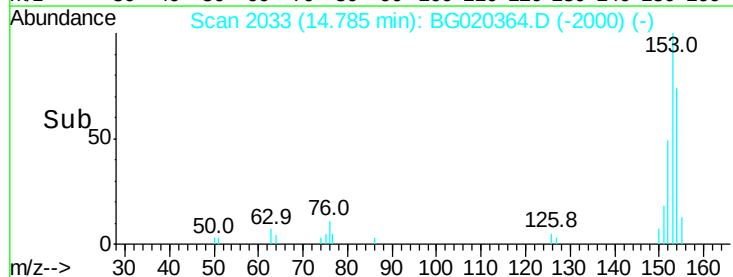
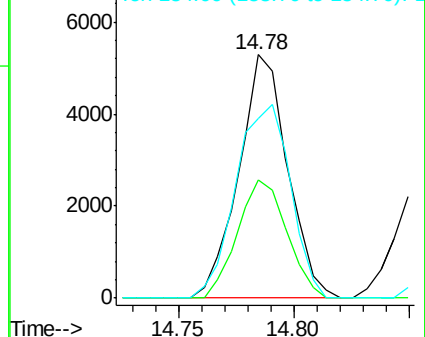
153 100

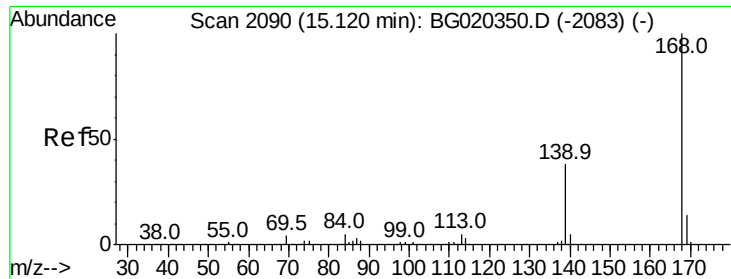
152 48.5 37.6 56.4

154 73.5 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: 1.68 ng/ul

RT: 15.12 min Scan# 2090

Delta R.T. -0.00 min

Lab File: BG020364.D

Acq: 21 Dec 2015 5:07

Instrument :

BNA_G

ClientSampleId :

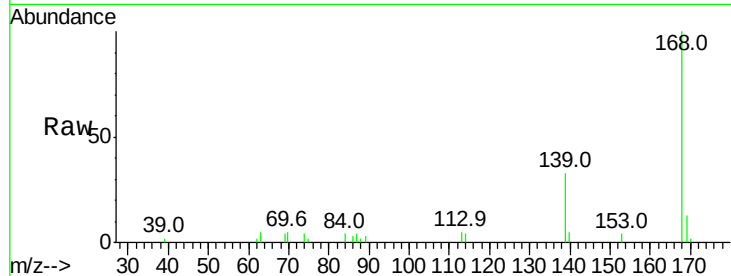
D9N59

Tot Ion:168 Resp: 10374

Ion Ratio Lower Upper

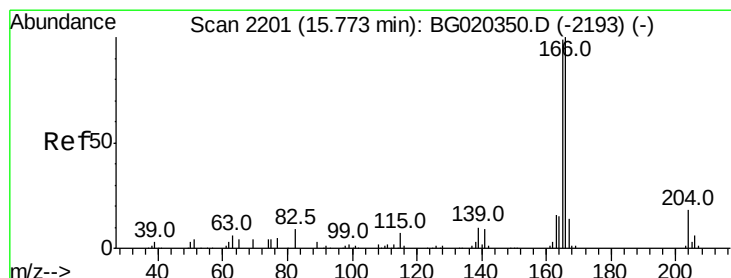
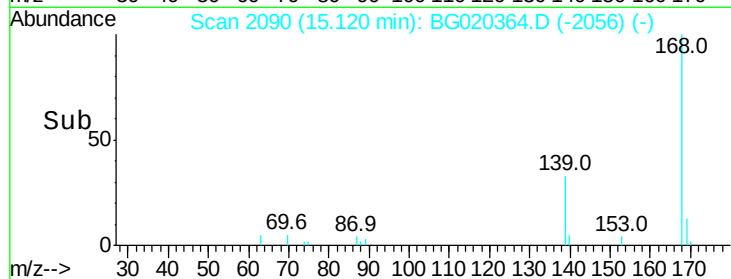
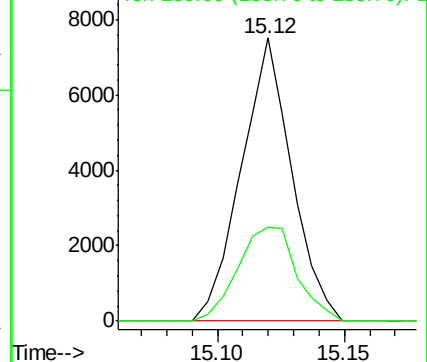
168 100

139 33.1 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 1.10 ng/ul

RT: 15.77 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG020364.D

Acq: 21 Dec 2015 5:07

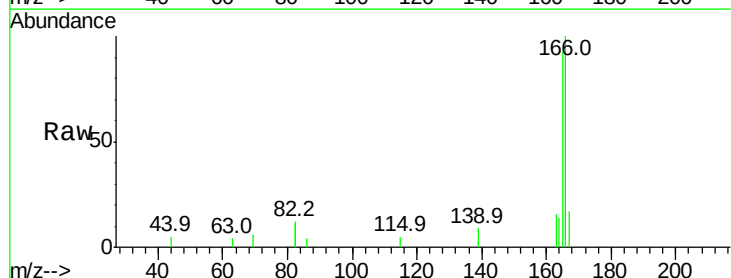
Tgt Ion:166 Resp: 5473

Ion Ratio Lower Upper

166 100

165 93.2 81.4 122.0

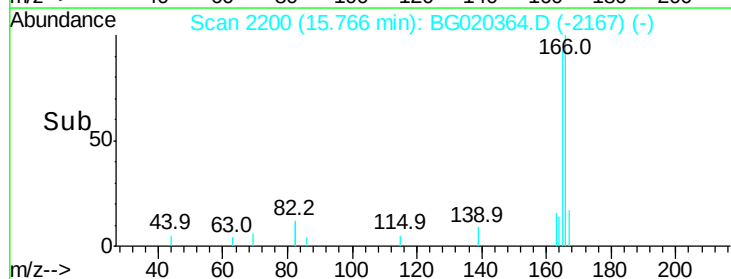
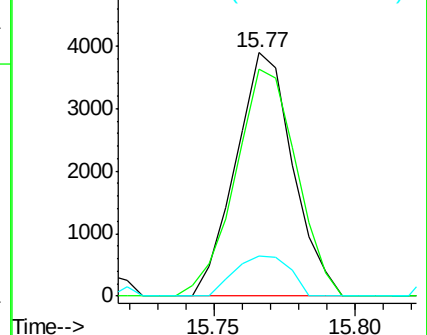
167 16.6 11.2 16.8

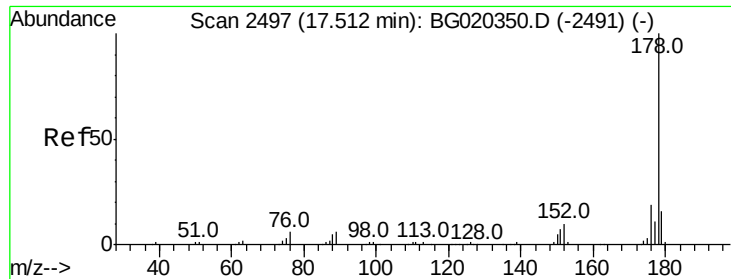


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 3.70 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BG020364.D

Acq: 21 Dec 2015 5:07

Instrument :

BNA_G

ClientSampleId :

D9N59

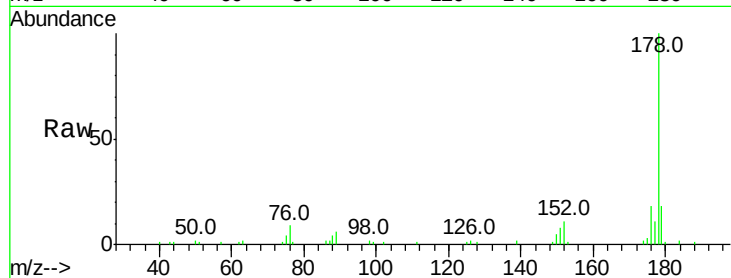
Tot Ion:178 Resp: 29888

Ion Ratio Lower Upper

178 100

179 18.4 12.9 19.3

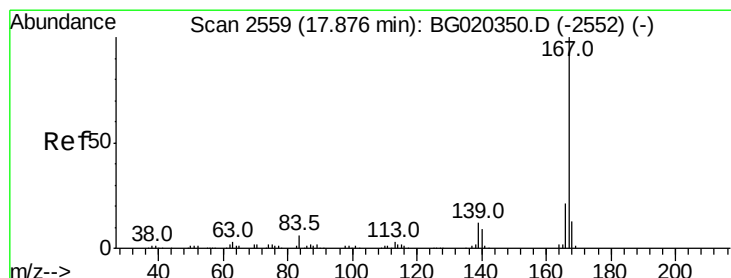
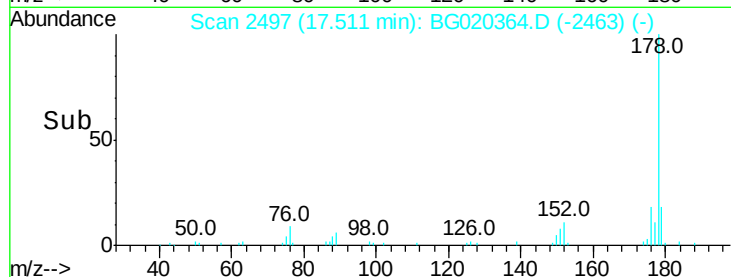
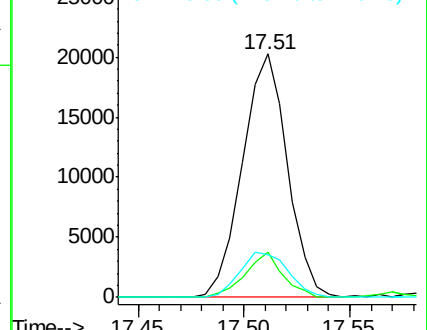
176 17.5 15.3 22.9



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: 1.39 ng/ul

RT: 17.87 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BG020364.D

Acq: 21 Dec 2015 5:07

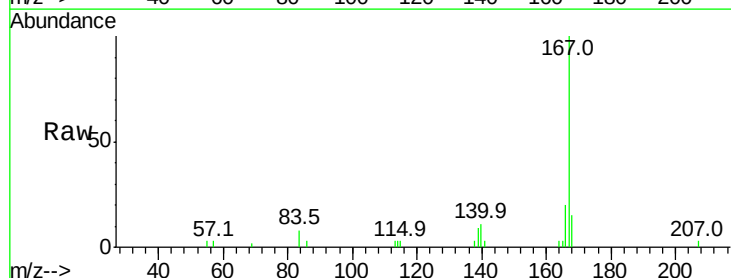
Tgt Ion:167 Resp: 9582

Ion Ratio Lower Upper

167 100

166 19.7 17.0 25.6

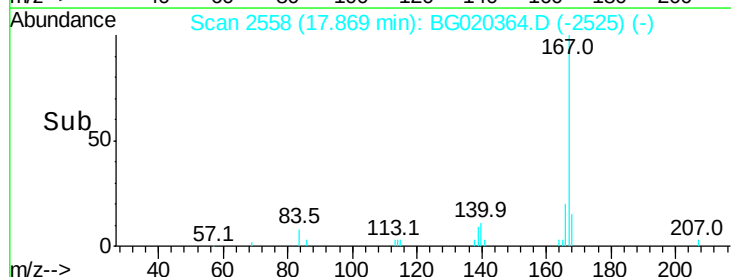
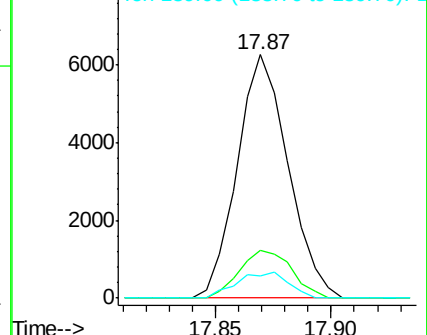
139 8.9 10.1 15.1#

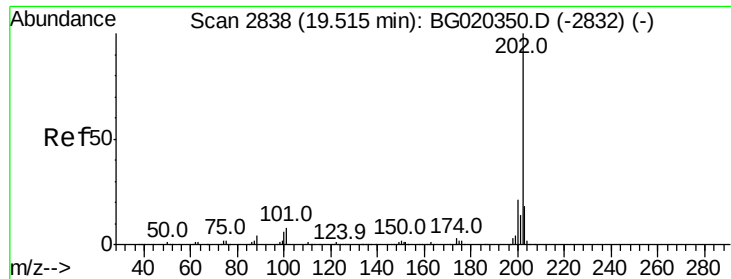


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#77

Fluoranthene

Concen: 1.40 ng/ul

RT: 19.51 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BG020364.D

Acq: 21 Dec 2015 5:07

Instrument :

BNA_G

ClientSampleId :

D9N59

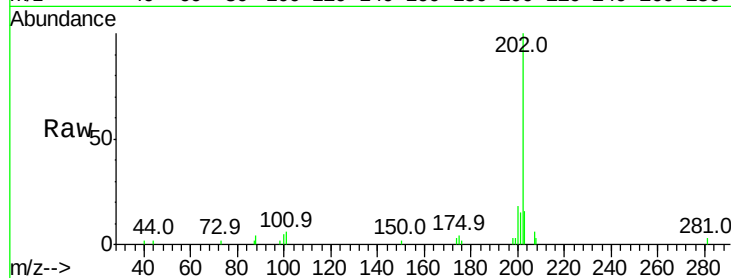
Tot Ion: 202 Resp: 13238

Ion Ratio Lower Upper

202 100

101 5.5 6.2 9.4#

100 5.3 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

