

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
 Data File : BG020309.D
 Acq On : 19 Dec 2015 13:17
 Operator : UM/SJ
 Sample : G4849-02
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N68

Quant Time: Dec 20 04:52:09 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 20 04:48:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	19319	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	80249	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	58240	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	151569	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	202278	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	192182	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	2346	6.70	ng/uL	0.00
5) Phenol-d5	7.24	99	55232	32.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	36041	35.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	44916	36.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	48557	33.33	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	23490	37.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	27257	39.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	51087	36.23	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	61853	39.05	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	181678	38.57	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	200695	36.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	30448	36.04	ng/ul	0.00
58) Fluorene-d10	15.71	176	159408	37.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	30884	34.37	ng/ul	0.00
71) Anthracene-d10	17.56	188	273846	39.21	ng/ul	0.00
79) Pyrene-d10	19.85	212	342520	36.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	393743	41.08	ng/ul	0.00

Target Compounds

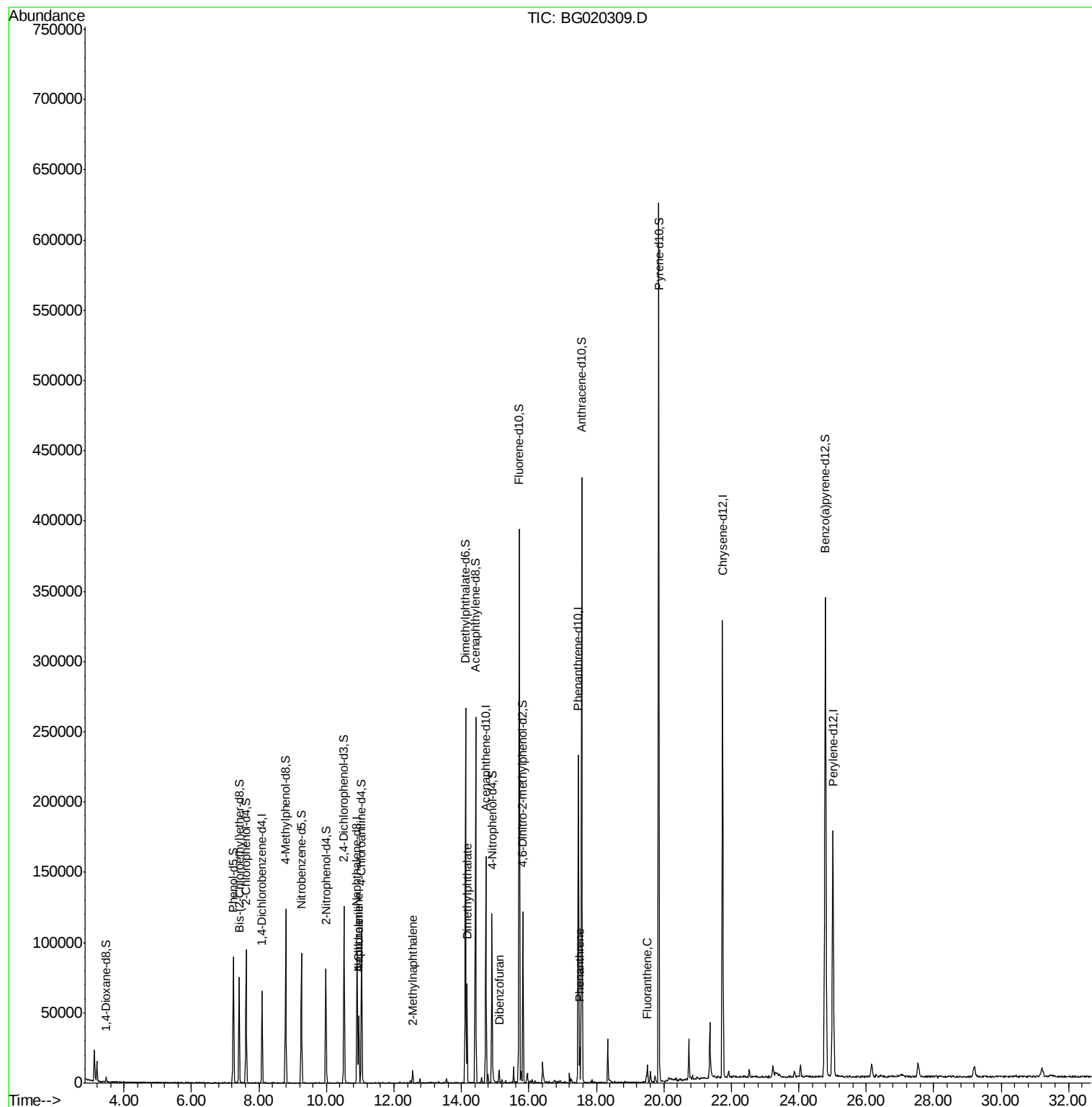
						Qvalue
28) Naphthalene	10.96	128	42603	10.17	ng/ul	98
30) 4-Chloroaniline	10.95	127	5463	3.38	ng/ul#	29
34) 2-Methylnaphthalene	12.56	142	5096	1.59	ng/ul	100
45) Dimethylphthalate	14.17	163	45560	9.47	ng/ul	99
54) Dibenzofuran	15.12	168	6923	1.19	ng/ul	98
70) Phenanthrene	17.51	178	17248	2.08	ng/ul	99
77) Fluoranthene	19.51	202	9901	1.02	ng/ul	97

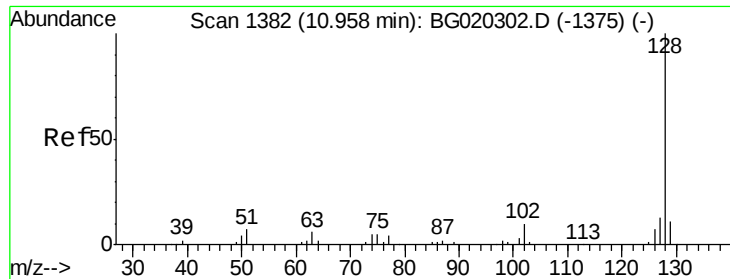
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 10.17 ng/ul

RT: 10.96 min Scan# 1382

Delta R.T. 0.00 min

Lab File: BG020309.D

Acq: 19 Dec 2015 13:17

Instrument :

BNA_G

ClientSampleId :

D9N68

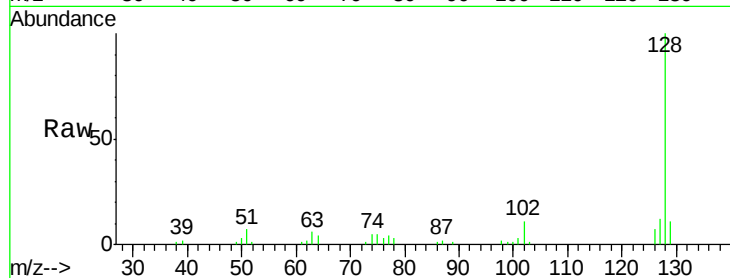
Tgt Ion:128 Resp: 42603

Ion Ratio Lower Upper

128 100

129 11.1 8.6 12.8

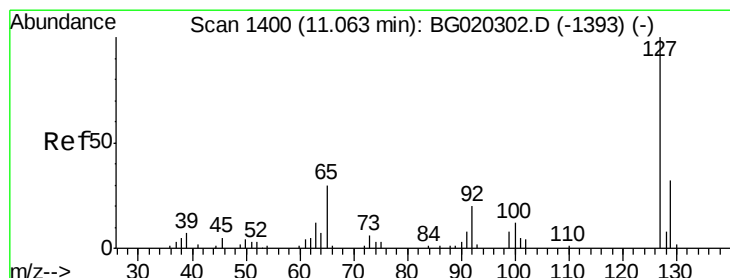
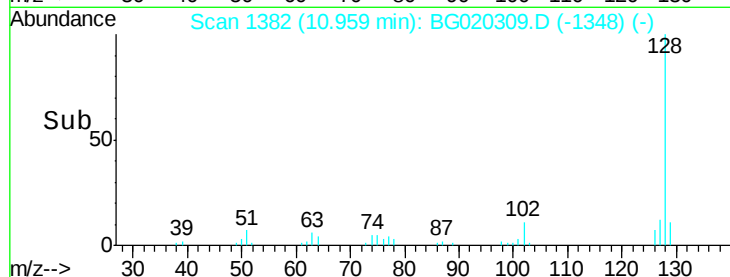
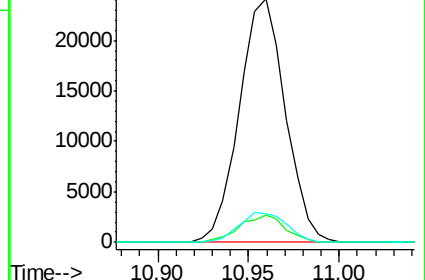
127 11.7 10.1 15.1



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



#30

4-Chloroaniline

Concen: 3.38 ng/ul

RT: 10.95 min Scan# 1381

Delta R.T. -0.11 min

Lab File: BG020309.D

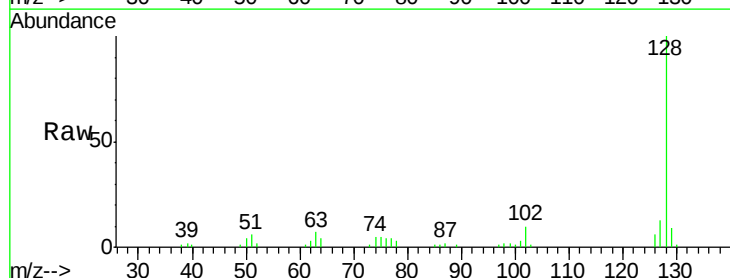
Acq: 19 Dec 2015 13:17

Tgt Ion:127 Resp: 5463

Ion Ratio Lower Upper

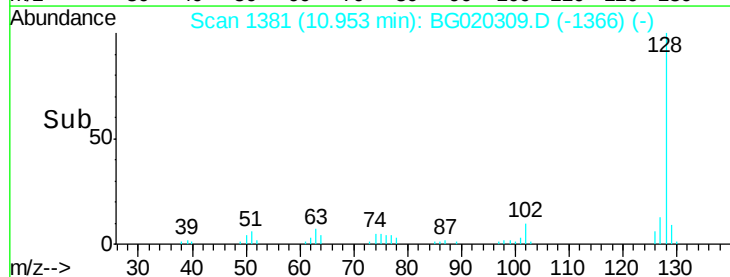
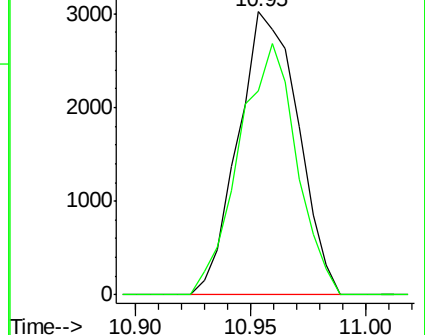
127 100

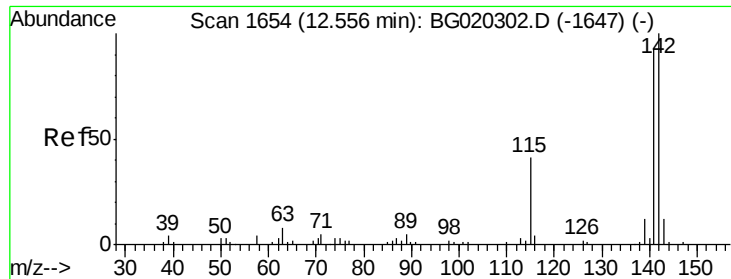
129 72.0 25.7 38.5#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

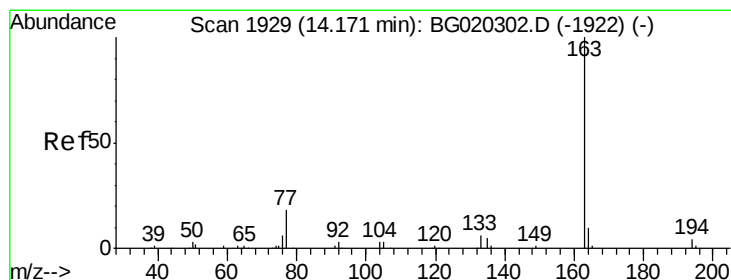
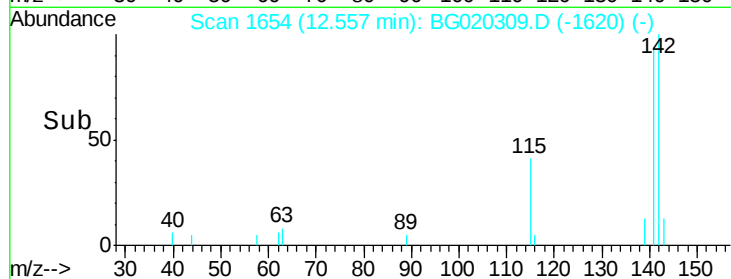
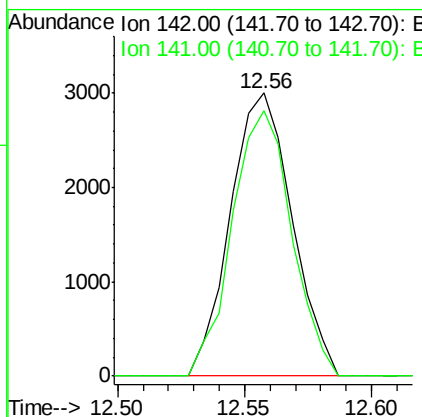
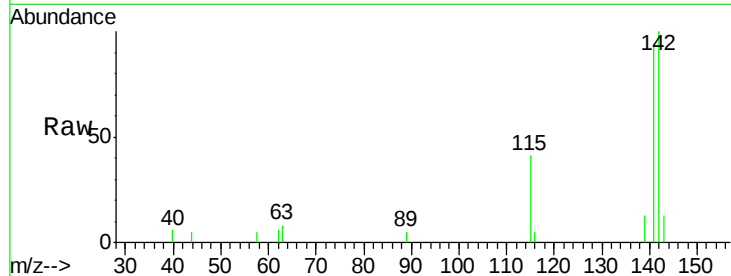




#34
 2-Methylnaphthalene
 Concen: 1.59 ng/ul
 RT: 12.56 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: BG020309.D
 Acq: 19 Dec 2015 13:17

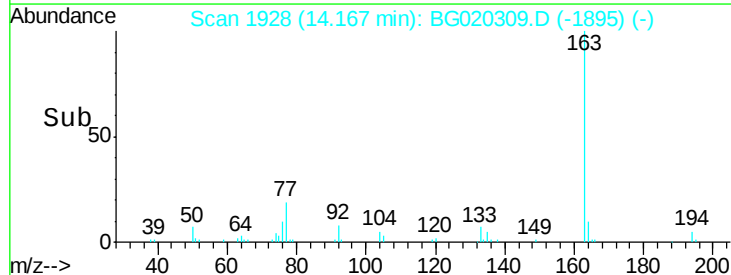
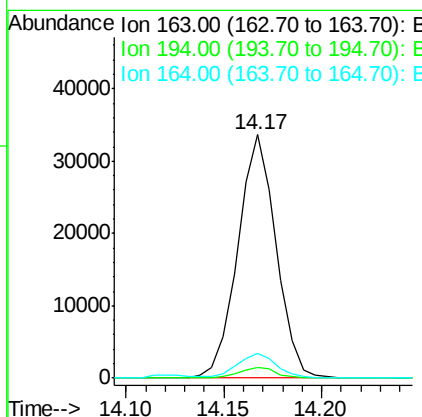
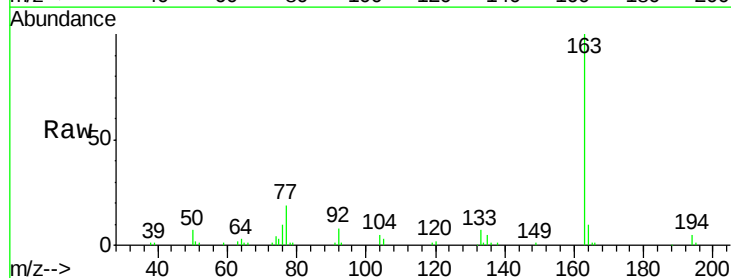
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 D9N68

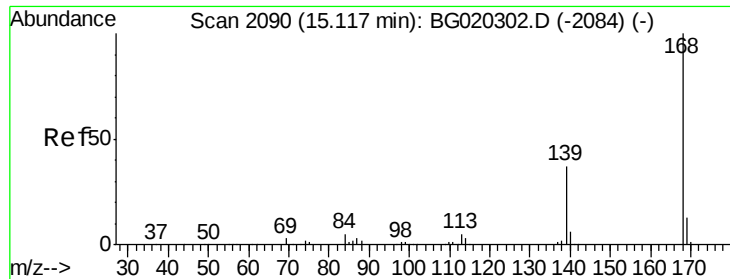
Tgt Ion:142 Resp: 5096
 Ion Ratio Lower Upper
 142 100
 141 93.8 74.9 112.3



#45
 Dimethylphthalate
 Concen: 9.47 ng/ul
 RT: 14.17 min Scan# 1928
 Delta R.T. -0.00 min
 Lab File: BG020309.D
 Acq: 19 Dec 2015 13:17

Tgt Ion:163 Resp: 45560
 Ion Ratio Lower Upper
 163 100
 194 4.6 3.5 5.3
 164 10.0 7.7 11.5





#54

Dibenzenofuran

Concen: 1.19 ng/ul

RT: 15.12 min Scan# 2090

Delta R.T. 0.00 min

Lab File: BG020309.D

Acq: 19 Dec 2015 13:17

Instrument :

BNA_G

ClientSampled :

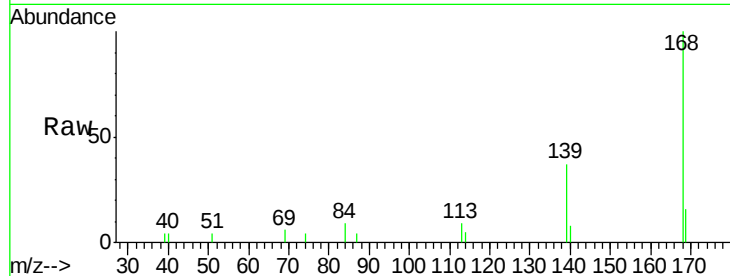
D9N68

Tgt Ion:168 Resp: 6923

Ion Ratio Lower Upper

168 100

139 36.7 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

15.12

4000

3000

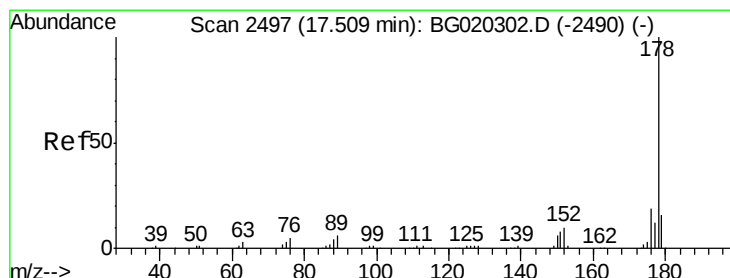
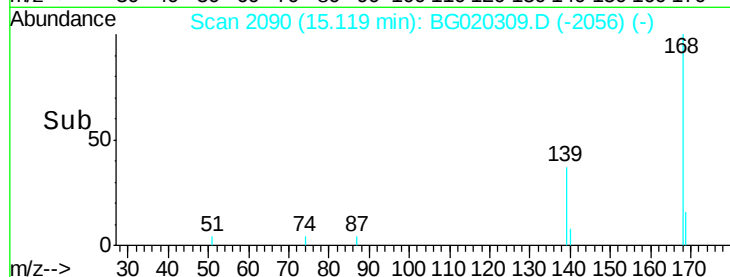
2000

1000

0

15.10 15.15

Time-->



#70

Phenanthrene

Concen: 2.08 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. 0.00 min

Lab File: BG020309.D

Acq: 19 Dec 2015 13:17

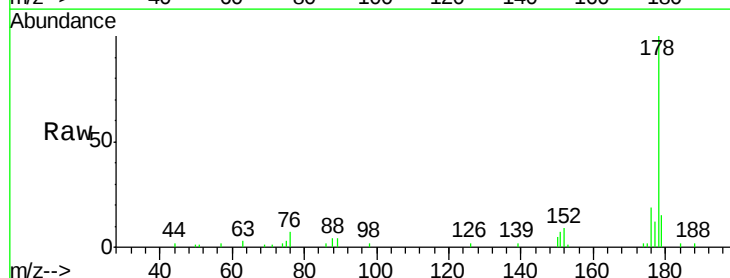
Tgt Ion:178 Resp: 17248

Ion Ratio Lower Upper

178 100

179 15.3 12.9 19.3

176 19.3 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

17.51

15000

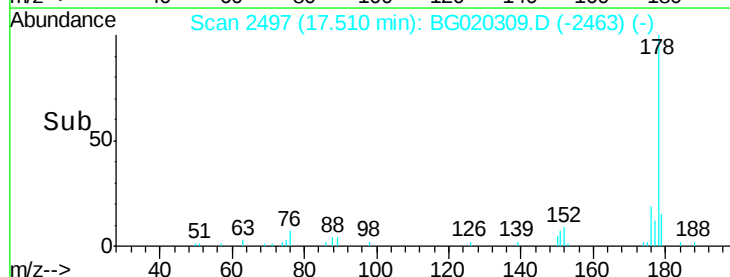
10000

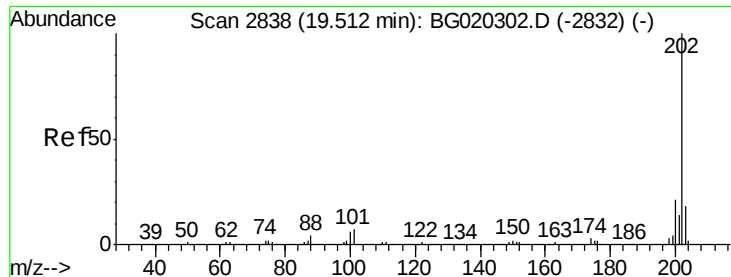
5000

0

17.45 17.50 17.55

Time-->





#77

Fluoranthene

Concen: 1.02 ng/ul

RT: 19.51 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG020309.D

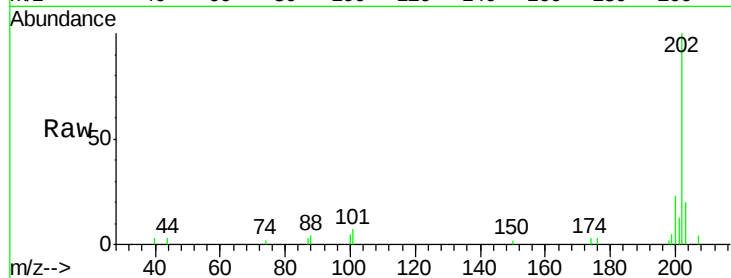
Acq: 19 Dec 2015 13:17

Instrument :

BNA_G

ClientSampleId :

D9N68



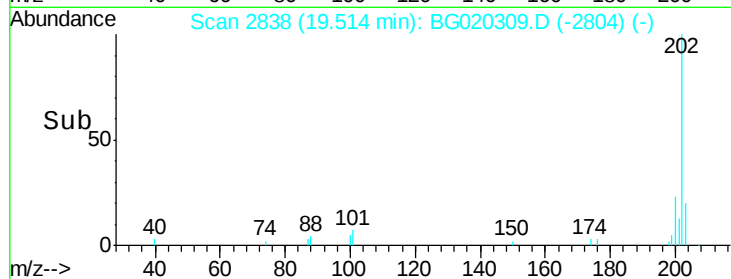
Tgt Ion: 202 Resp: 9901

Ion Ratio Lower Upper

202 100

101 6.7 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

