

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122415\
 Data File : BG020493.D
 Acq On : 25 Dec 2015 4:23
 Operator : UM/SJ
 Sample : G4846-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N47

Quant Time: Dec 25 07:50:39 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 25 03:27:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	13934	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	62604	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	46854	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	126014	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	158919	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	150721	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	353	1.40	ng/uL	0.00
5) Phenol-d5	7.24	99	9677	8.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	24586	37.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	27308	31.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	19472	20.70	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	18219	37.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	20933	37.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	36238	33.56	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.11	166	148556	38.47	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	168377	37.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	2275	3.53	ng/ul	0.00
58) Fluorene-d10	15.70	176	133037	38.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	20291	24.30	ng/ul	0.00
71) Anthracene-d10	17.56	188	226423	38.36	ng/ul	0.00
79) Pyrene-d10	19.84	212	273027	39.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	300281	39.41	ng/ul	0.00

Target Compounds

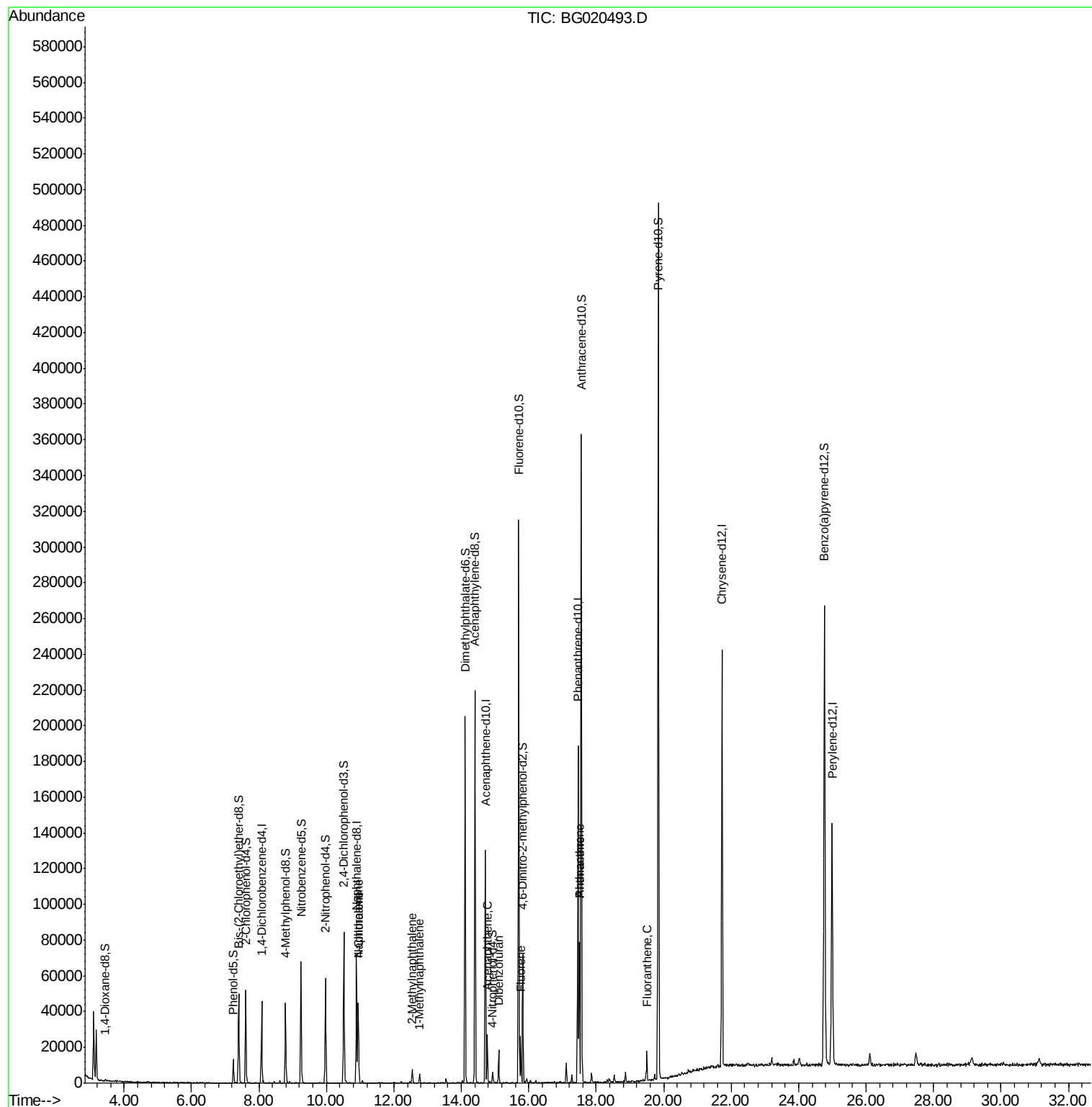
						Ovalue
28) Naphthalene	10.94	128	40172	12.07	ng/ul	99
30) 4-Chloroaniline	10.95	127	5413	4.35	ng/ul#	24
34) 2-Methylnaphthalene	12.55	142	4909	1.99	ng/ul	95
35) 1-Methylnaphthalene	12.76	142	3097	1.32	ng/ul#	89
50) Acenaphthene	14.77	153	12258	3.86	ng/ul	97
54) Dibenzofuran	15.11	168	13699	2.90	ng/ul	99
59) Fluorene	15.75	166	13360	3.49	ng/ul	93
70) Phenanthrene	17.50	178	51297	7.32	ng/ul	98
72) Anthracene	17.50	178	51297	7.15	ng/ul	96
77) Fluoranthene	19.50	202	11504	1.30	ng/ul	98

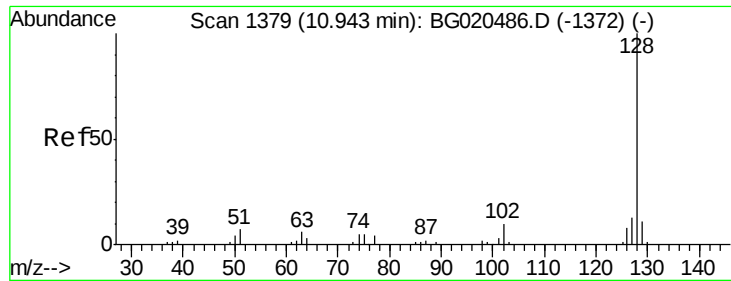
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 12.07 ng/ul

RT: 10.94 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BG020493.D

Acq: 25 Dec 2015 4:23

Instrument :

BNA_G

ClientSampleId :

D9N47

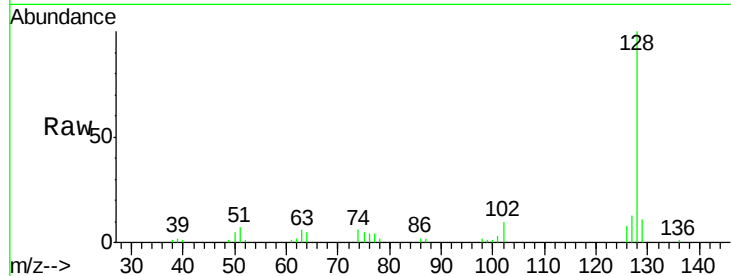
Tot Ion:128 Resp: 40172

Ion Ratio Lower Upper

128 100

129 11.5 8.6 12.8

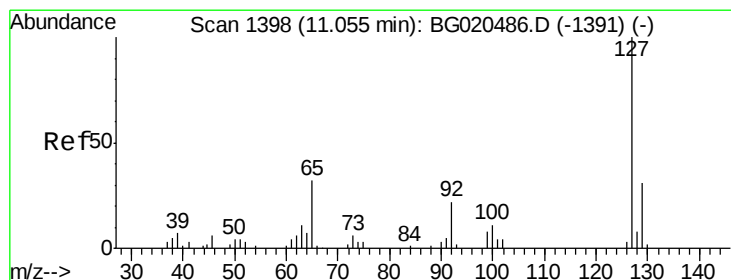
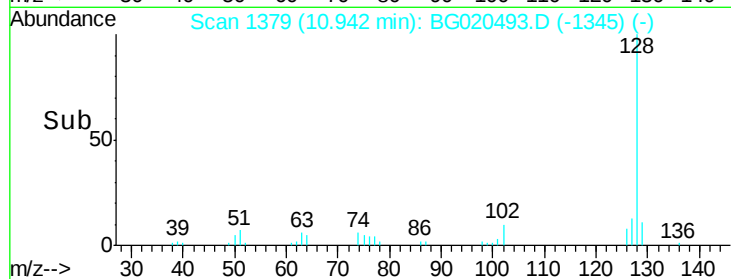
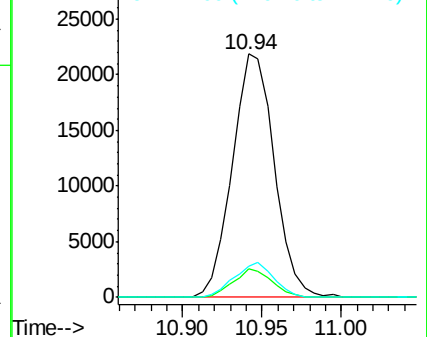
127 12.9 10.1 15.1



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: 4.35 ng/ul

RT: 10.95 min Scan# 1380

Delta R.T. -0.11 min

Lab File: BG020493.D

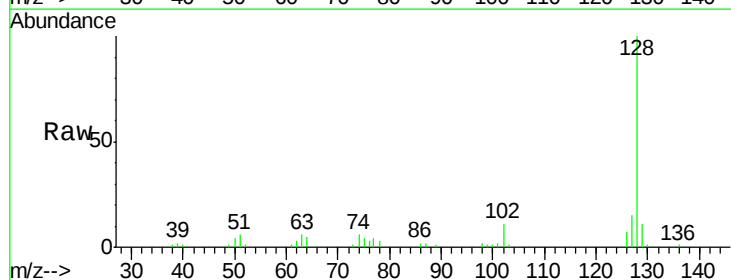
Acq: 25 Dec 2015 4:23

Tgt Ion:127 Resp: 5413

Ion Ratio Lower Upper

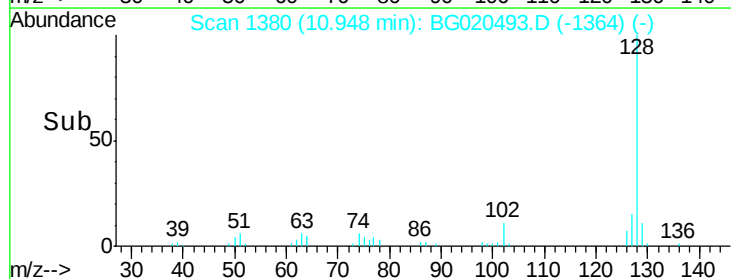
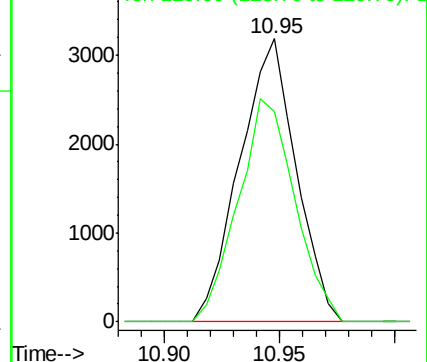
127 100

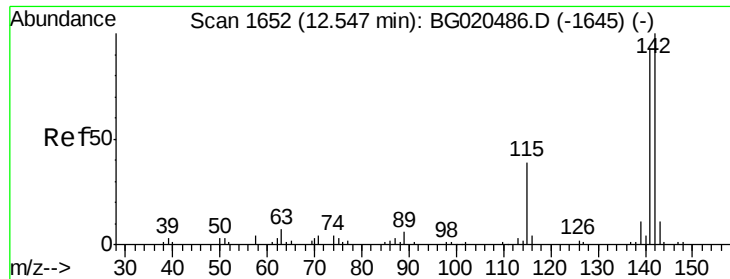
129 74.5 25.7 38.5#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

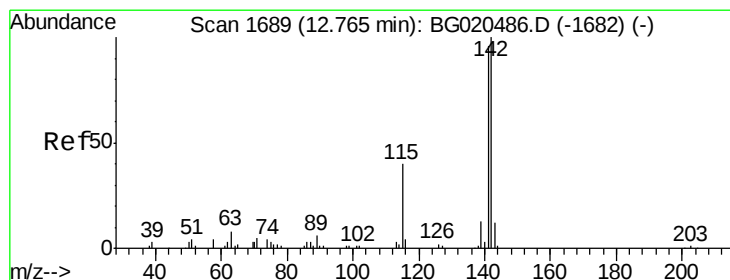
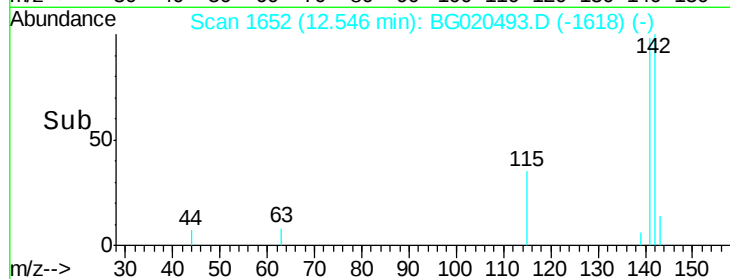
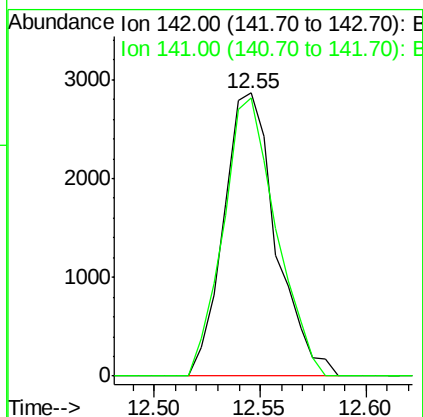
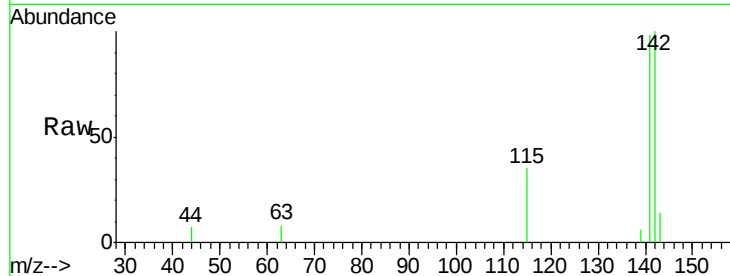




#34
2-Methylnaphthalene
Concen: 1.99 ng/ul
RT: 12.55 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG020493.D
Acq: 25 Dec 2015 4:23

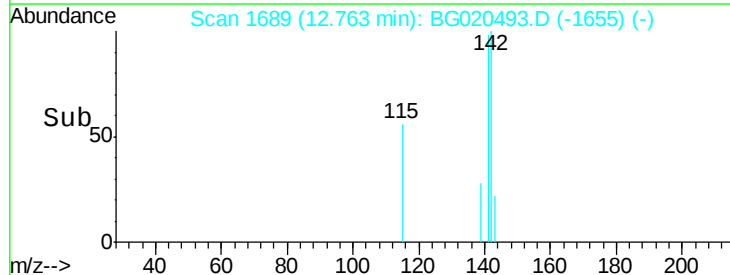
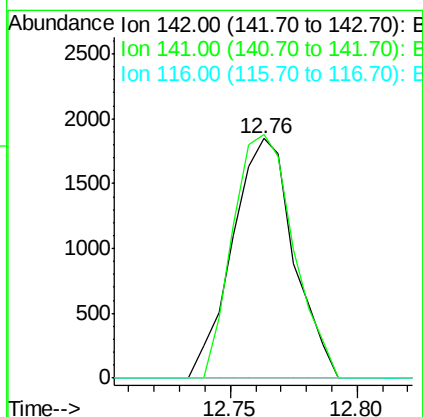
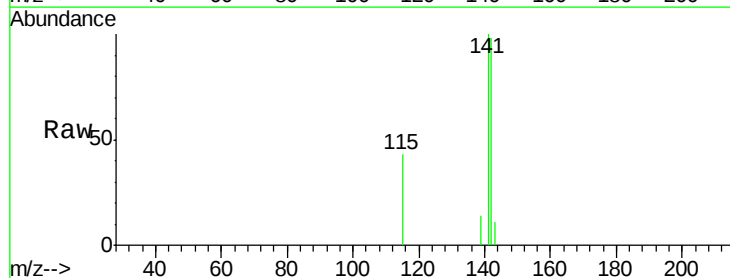
Instrument :
BNA_G
ClientSampleId :
D9N47

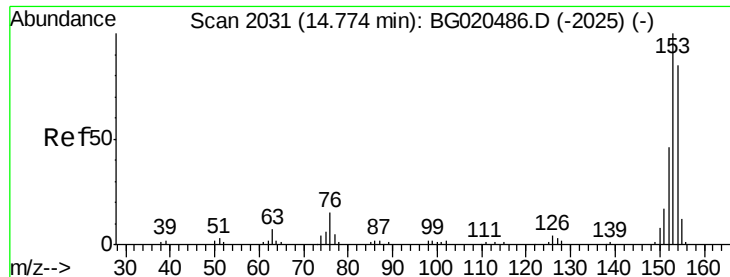
Tot Ion:142 Resp: 4909
Ion Ratio Lower Upper
142 100
141 98.3 74.9 112.3



#35
1-Methylnaphthalene
Concen: 1.32 ng/ul
RT: 12.76 min Scan# 1689
Delta R.T. -0.00 min
Lab File: BG020493.D
Acq: 25 Dec 2015 4:23

Tgt Ion:142 Resp: 3097
Ion Ratio Lower Upper
142 100
141 101.7 73.0 109.6
116 0.0 3.0 4.6#





#50

Acenaphthene

Concen: 3.86 ng/ul

RT: 14.77 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BG020493.D

Acq: 25 Dec 2015 4:23

Instrument :

BNA_G

ClientSampleId :

D9N47

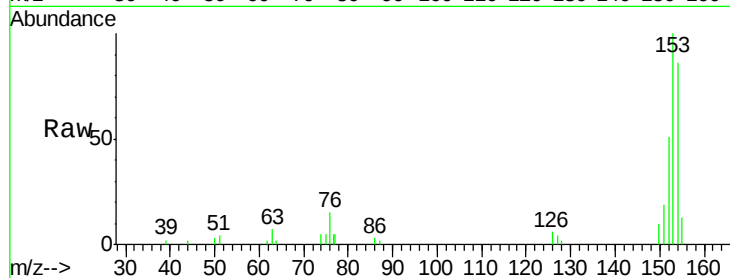
Tot Ion:153 Resp: 12258

Ion Ratio Lower Upper

153 100

152 51.1 37.6 56.4

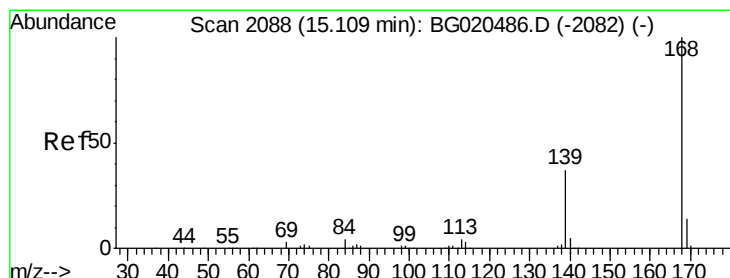
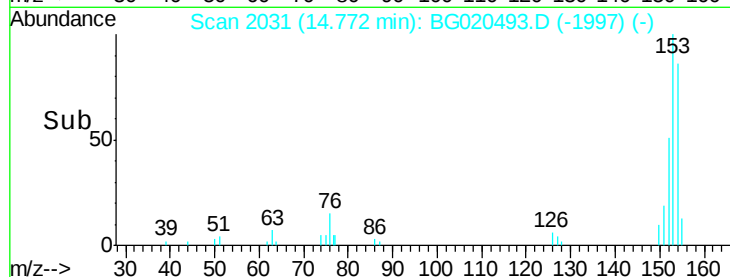
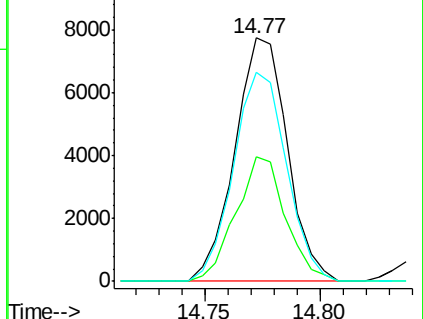
154 85.9 67.9 101.9



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

Dibenzofuran

Concen: 2.90 ng/ul

RT: 15.11 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BG020493.D

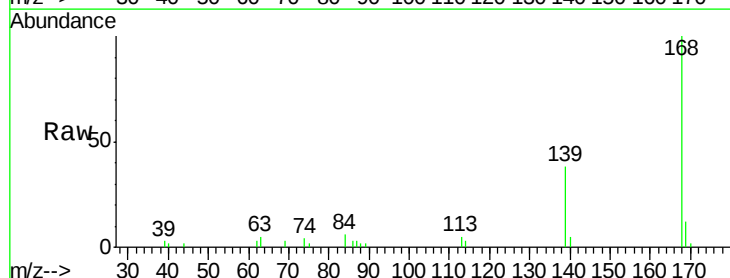
Acq: 25 Dec 2015 4:23

Tgt Ion:168 Resp: 13699

Ion Ratio Lower Upper

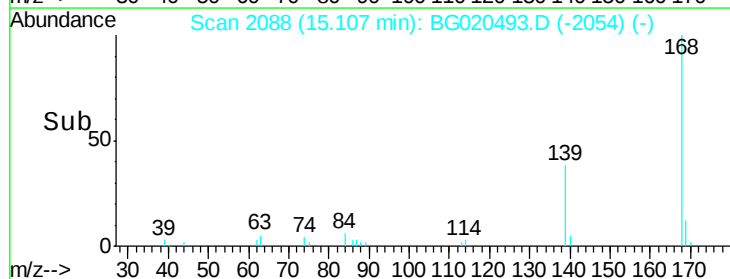
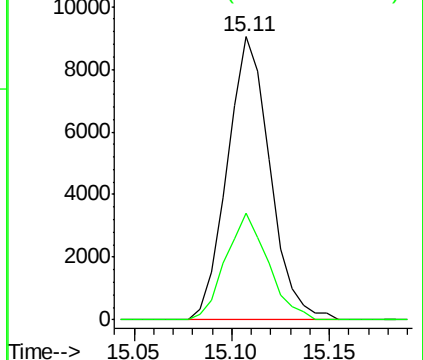
168 100

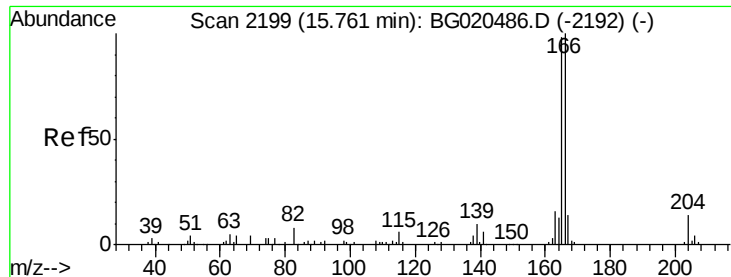
139 37.6 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 3.49 ng/ul

RT: 15.75 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG020493.D

Acq: 25 Dec 2015 4:23

Instrument :

BNA_G

ClientSampleId :

D9N47

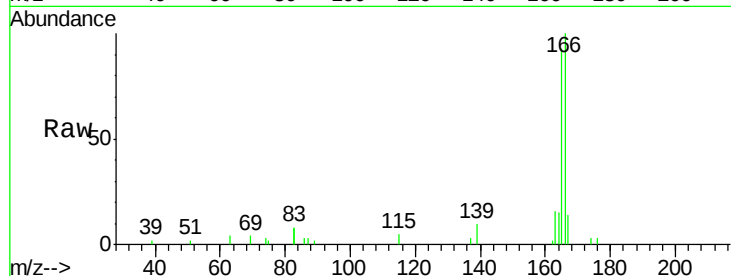
Tot Ion:166 Resp: 13360

Ion Ratio Lower Upper

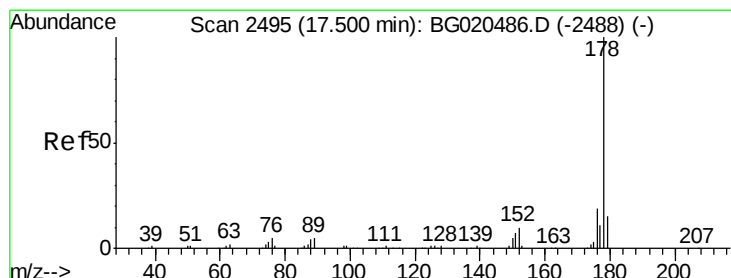
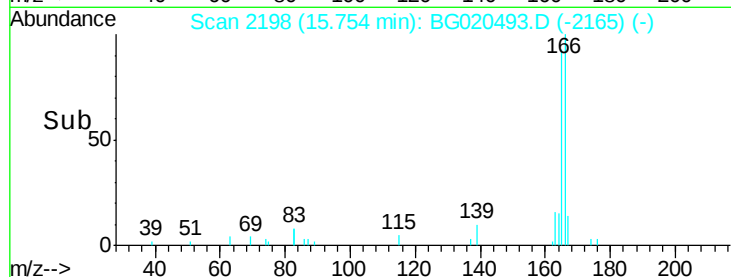
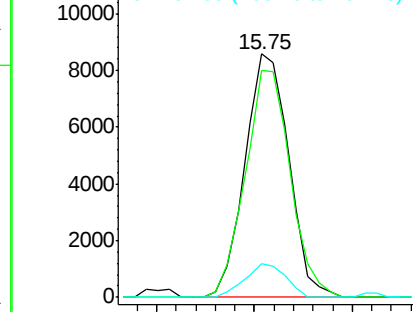
166 100

165 93.4 81.4 122.0

167 14.0 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: 7.32 ng/ul

RT: 17.50 min Scan# 2495

Delta R.T. -0.00 min

Lab File: BG020493.D

Acq: 25 Dec 2015 4:23

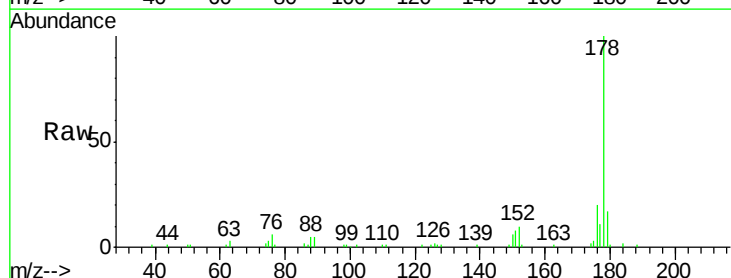
Tgt Ion:178 Resp: 51297

Ion Ratio Lower Upper

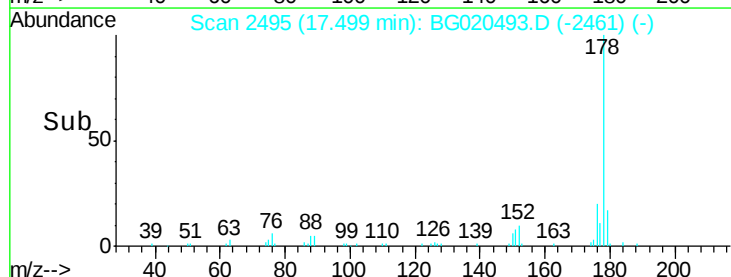
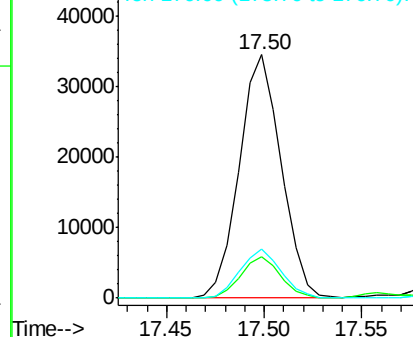
178 100

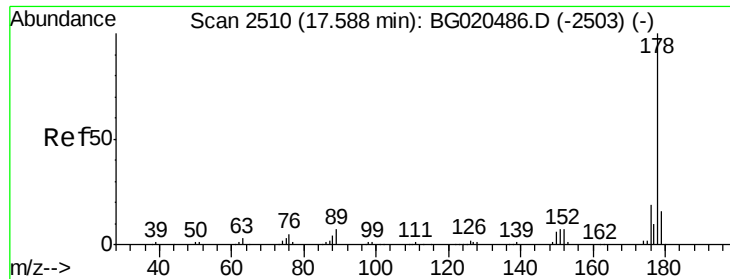
179 17.0 12.9 19.3

176 20.1 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





#72

Anthracene

Concen: 7.15 ng/ul

RT: 17.50 min Scan# 2495

Delta R.T. -0.09 min

Lab File: BG020493.D

Acq: 25 Dec 2015 4:23

Instrument :

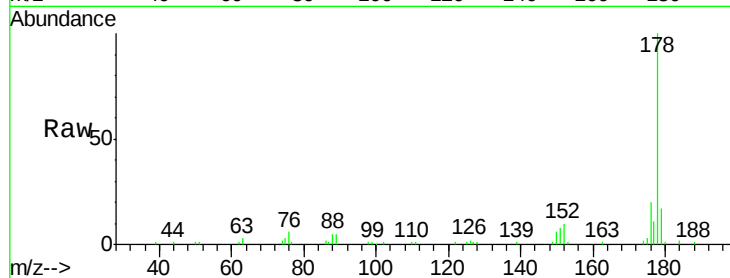
BNA_G

ClientSampleId :

D9N47

Tot Ion:178 Resp: 51297

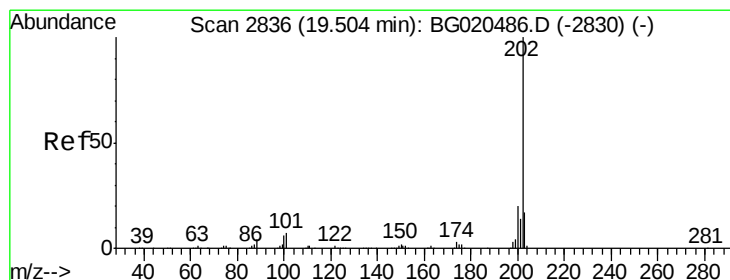
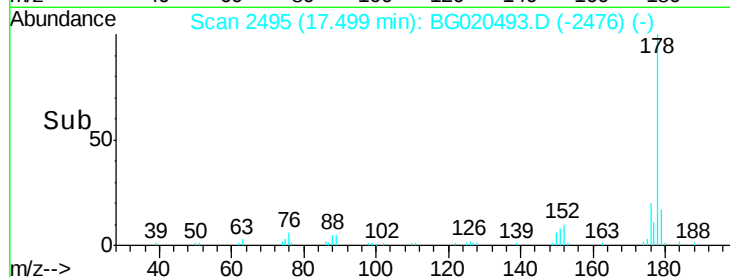
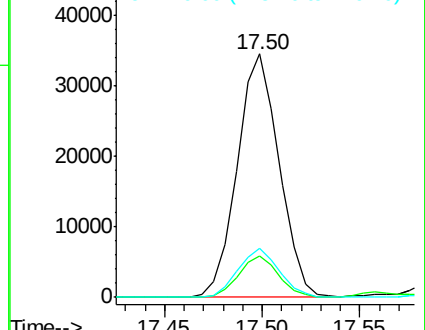
Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.3	18.5
176	20.1	14.3	21.5



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



#77

Fluoranthene

Concen: 1.30 ng/ul

RT: 19.50 min Scan# 2836

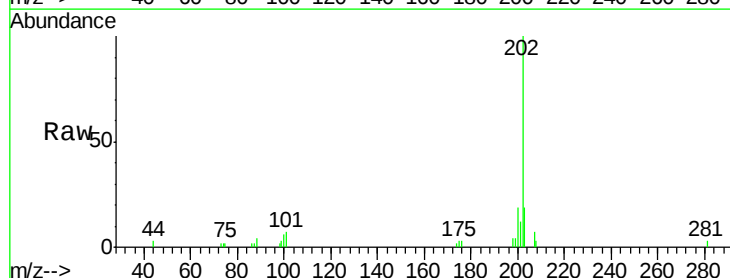
Delta R.T. -0.00 min

Lab File: BG020493.D

Acq: 25 Dec 2015 4:23

Tgt Ion:202 Resp: 11504

Ion	Ratio	Lower	Upper
202	100		
101	7.3	6.2	9.4
100	5.7	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

