

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
 Data File : BG020445.D
 Acq On : 23 Dec 2015 16:08
 Operator : UM/SJ
 Sample : G4768-22DL 30X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N46DL

Quant Time: Dec 23 17:46:25 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 22 05:02:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	16505	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.90	136	74091	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.72	164	57436	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	156466	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	195154	20.00	ng/ul	-0.01
86) Perylene-d12	25.00	264	186018	20.00	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.26	99	191	0.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	758	0.87	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.61	132	898	0.85	ng/ul	-0.02
13) 4-Methylphenol-d8	8.80	113	578	0.46	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	488	0.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	568	0.88	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.52	165	1277	0.98	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.11	166	6248	1.34	ng/ul	-0.01
47) Acenaphthylene-d8	14.41	160	6830	1.26	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	6444	1.53	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.83	200	121	0.13	ng/ul	0.00
71) Anthracene-d10	17.56	188	11026	1.53	ng/ul	-0.01
79) Pyrene-d10	19.84	212	11745	1.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	12081	1.30	ng/ul	-0.02

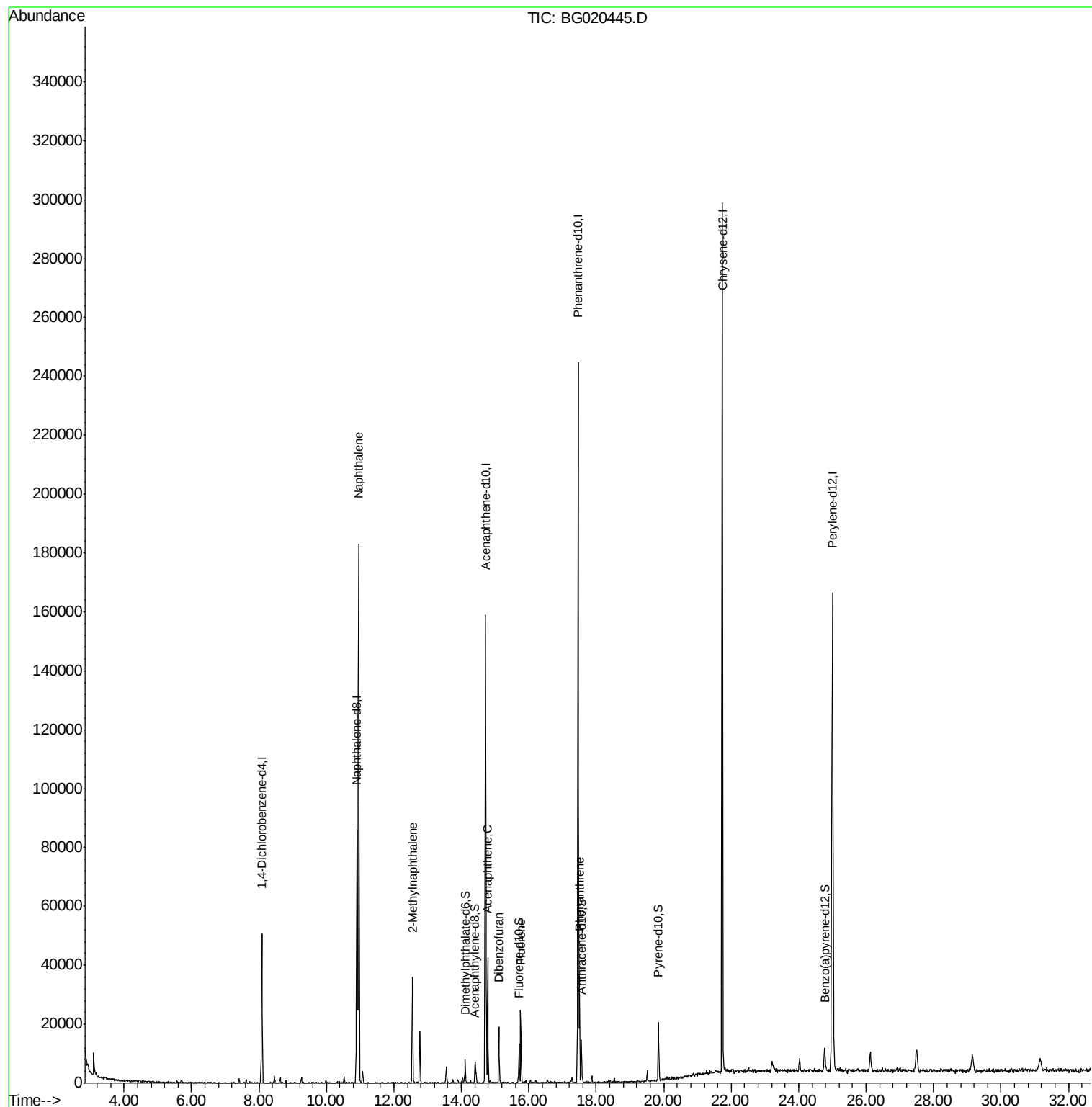
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.95	128	159411	41.20	ng/ul	98
34) 2-Methylnaphthalene	12.55	142	17870	6.05	ng/ul	92
50) Acenaphthene	14.78	153	18973	4.91	ng/ul	96
54) Dibenzofuran	15.11	168	14840	2.58	ng/ul	88
59) Fluorene	15.76	166	12323	2.67	ng/ul	94
70) Phenanthrene	17.50	178	24801	2.90	ng/ul	98

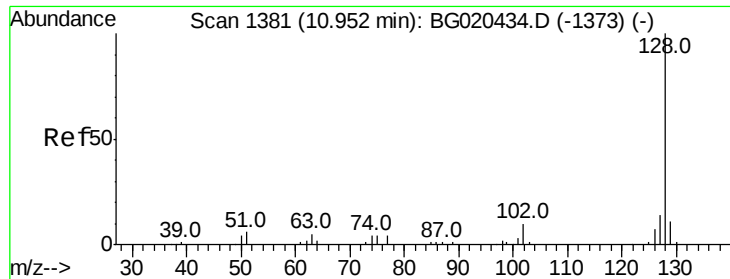
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 41.20 ng/ul

RT: 10.95 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BG020445.D

Acq: 23 Dec 2015 16:08

Instrument :

BNA_G

ClientSampleId :

D9N46DL

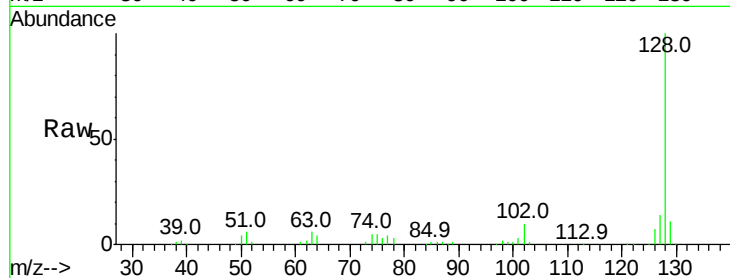
Tot Ion:128 Resp: 159411

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

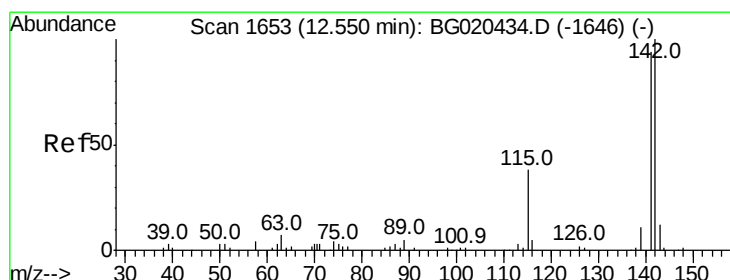
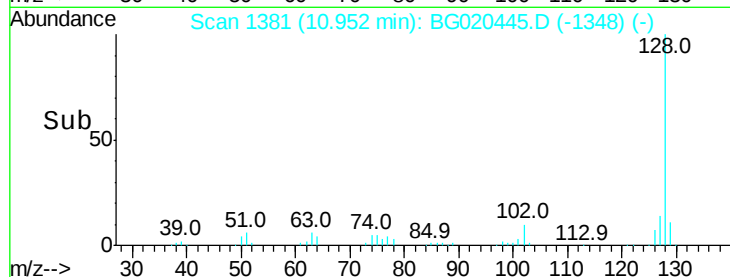
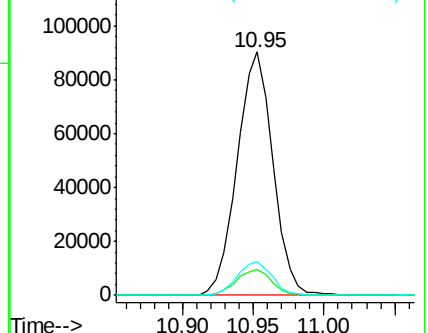
127 13.9 10.1 15.1



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



#34

2-Methylnaphthalene

Concen: 6.05 ng/ul

RT: 12.55 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BG020445.D

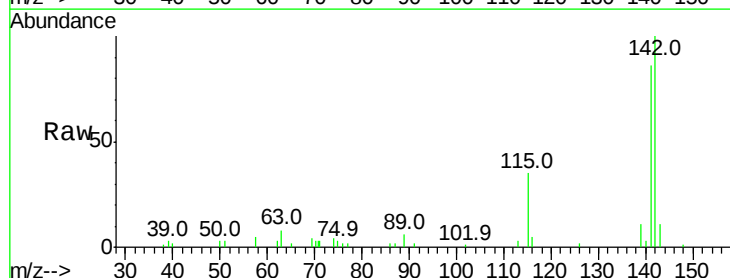
Acq: 23 Dec 2015 16:08

Tgt Ion:142 Resp: 17870

Ion Ratio Lower Upper

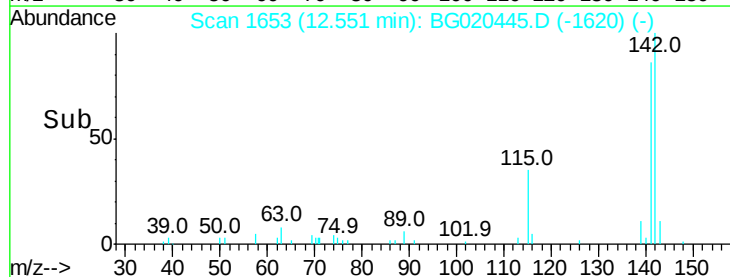
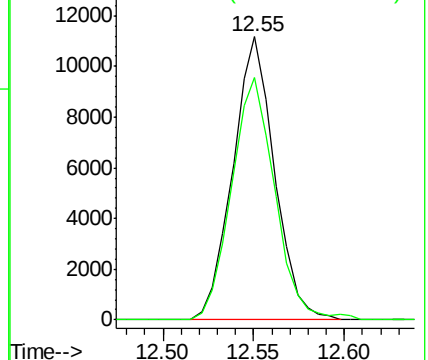
142 100

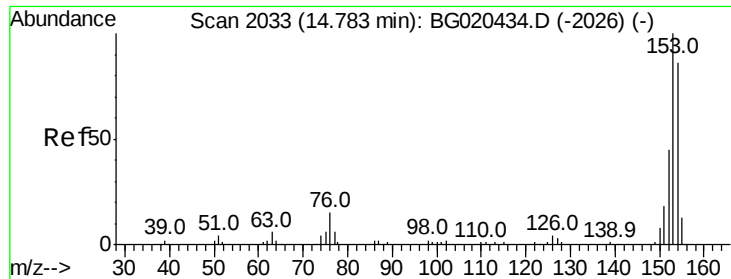
141 85.7 74.9 112.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#50

Acenaphthene

Concen: 4.91 ng/ul

RT: 14.78 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BG020445.D

Acq: 23 Dec 2015 16:08

Instrument :

BNA_G

ClientSampleId :

D9N46DL

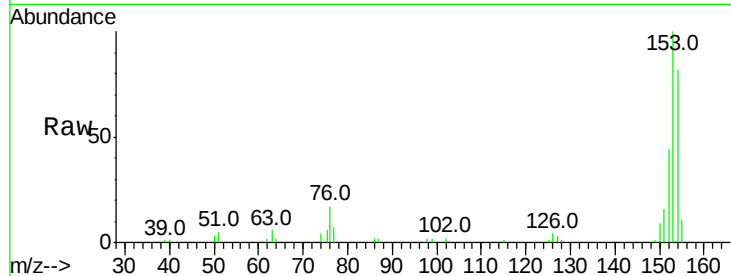
Tot Ion:153 Resp: 18973

Ion Ratio Lower Upper

153 100

152 44.3 37.6 56.4

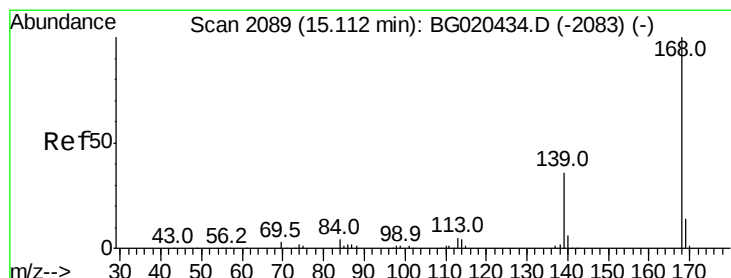
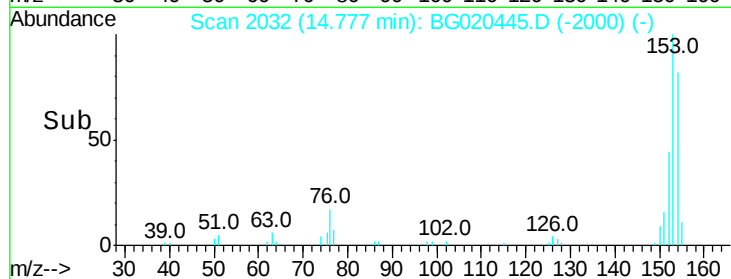
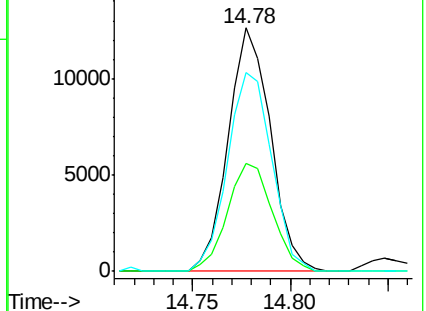
154 81.9 67.9 101.9



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: 2.58 ng/ul

RT: 15.11 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BG020445.D

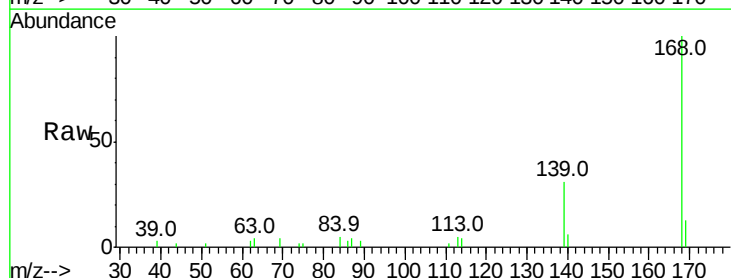
Acq: 23 Dec 2015 16:08

Tgt Ion:168 Resp: 14840

Ion Ratio Lower Upper

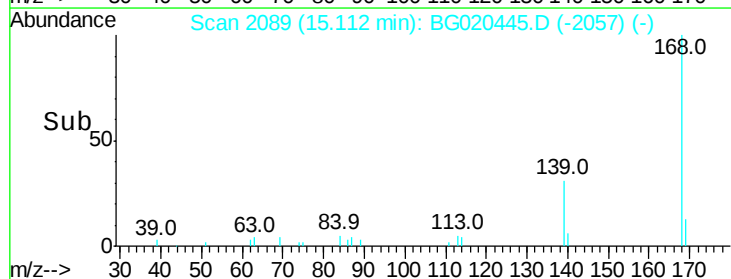
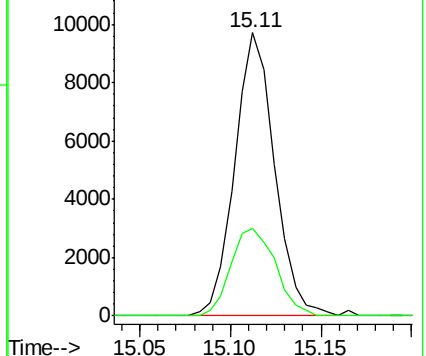
168 100

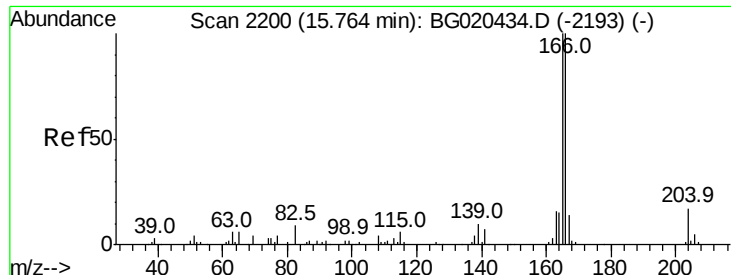
139 30.9 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 2.67 ng/ul

RT: 15.76 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG020445.D

Acq: 23 Dec 2015 16:08

Instrument :

BNA_G

ClientSampled :

D9N46DL

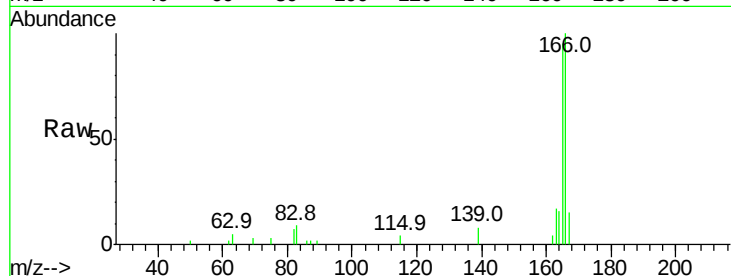
Tot Ion:166 Resp: 12323

Ion Ratio Lower Upper

166 100

165 94.7 81.4 122.0

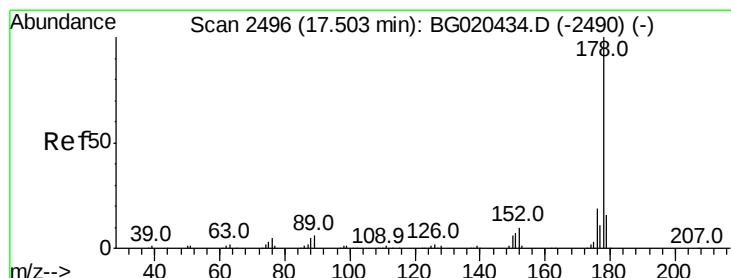
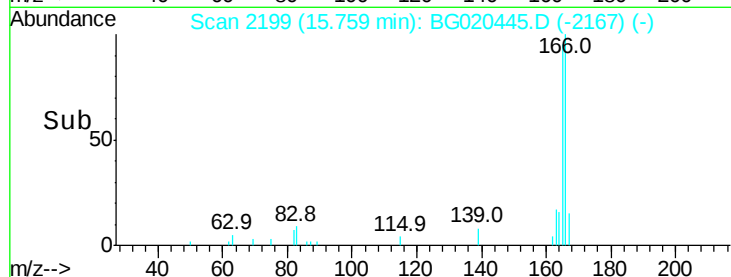
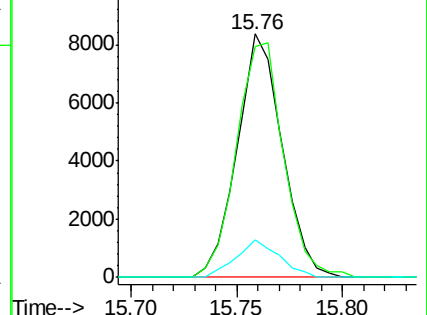
167 15.5 11.2 16.8



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: 2.90 ng/ul

RT: 17.50 min Scan# 2496

Delta R.T. -0.01 min

Lab File: BG020445.D

Acq: 23 Dec 2015 16:08

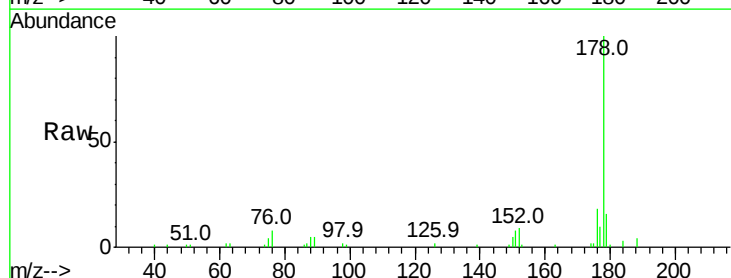
Tgt Ion:178 Resp: 24801

Ion Ratio Lower Upper

178 100

179 15.8 12.9 19.3

176 17.6 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

