

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
 Data File : BG018158.D
 Acq On : 28 Jul 2015 22:08
 Operator : TP/UM
 Sample : G3048-10
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01X4

Quant Time: Jul 29 02:03:40 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 29 01:59:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	55306	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	244245	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.19	164	143188	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	118876	20.00	ng/ul	0.11
78) Chrysene-d12	21.15	240	311356	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	330108	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	1570	1.77	ng/uL	0.01
5) Phenol-d5	6.70	99	39671	9.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	21516	10.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	40621	10.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	23200	6.13	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	21403	11.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	23850	11.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	35417	9.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	99332	24.06	ng/ul	-0.02
44) Dimethylphthalate-d6	13.60	166	112343	11.18	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	122447	9.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	8913	4.21	ng/ul	0.00
58) Fluorene-d10	15.18	176	88610	9.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	636	0.84	ng/ul	0.10
71) Anthracene-d10	17.04	188	118826	23.08	ng/ul	0.00
79) Pyrene-d10	19.36	212	130714	9.16	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.21	264	142970	9.08	ng/ul	0.01

Target Compounds

						Qvalue
14) Acetophenone	8.33	105	6118	1.15	ng/ul#	89
28) Naphthalene	10.35	128	52896	4.62	ng/ul#	90
34) 2-Methylnaphthalene	11.98	142	160631	18.59	ng/ul	100
35) 1-Methylnaphthalene	12.20	142	142060	16.84	ng/ul	100
41) 1,1'-Biphenyl	13.01	154	14453	1.47	ng/ul	98
45) Dimethylphthalate	13.65	163	54386	5.38	ng/ul	98
50) Acenaphthene	14.25	153	19013	2.24	ng/ul	94
54) Dibenzofuran	14.59	168	16390	1.36	ng/ul	90
59) Fluorene	15.24	166	24286	2.34	ng/ul#	90
65) N-Nitrosodiphenylamine	15.57	169	3597	1.11	ng/ul#	51
70) Phenanthrene	16.99	178	180369	30.20	ng/ul	98
77) Fluoranthene	19.02	202	322739	50.72	ng/ul	95
80) Pyrene	19.39	202	275058	15.43	ng/ul	94
83) Benzo(a)anthracene	21.14	228	138026	8.38	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.08	149	228476	21.86	ng/ul#	95
85) Chrysene	21.19	228	141917	9.15	ng/ul	96
88) Benzo(b)fluoranthene	22.69	252	185784	10.27	ng/ul#	95
89) Benzo(k)fluoranthene	22.69	252	185784	10.61	ng/ul#	94
91) Benzo(a)pyrene	23.26	252	104534	5.97	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	25.57	276	77402	3.83	ng/ul	93
93) Dibenzo(a,h)anthracene	25.58	278	20689	1.20	ng/ul#	76
94) Benzo(g,h,i)perylene	26.26	276	75595	4.53	ng/ul	96

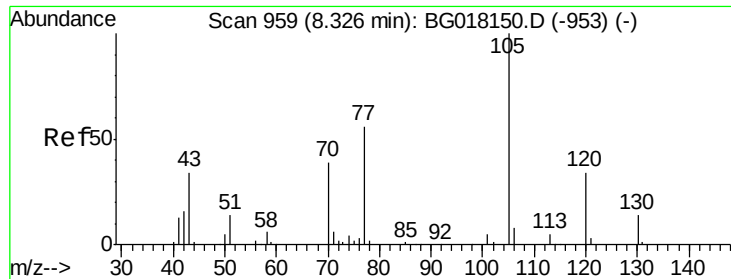
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#14

Acetophenone

Concen: 1.15 ng/ul

RT: 8.33 min Scan# 960

Delta R.T. 0.00 min

Lab File: BG018158.D

Acq: 28 Jul 2015 22:08

Instrument :

BNA_M

ClientSampleId :

C01X4

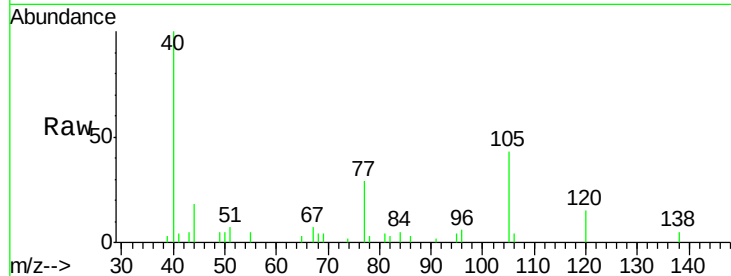
Tgt Ion:105 Resp: 6118

Ion Ratio Lower Upper

105 100

77 68.1 61.7 92.5

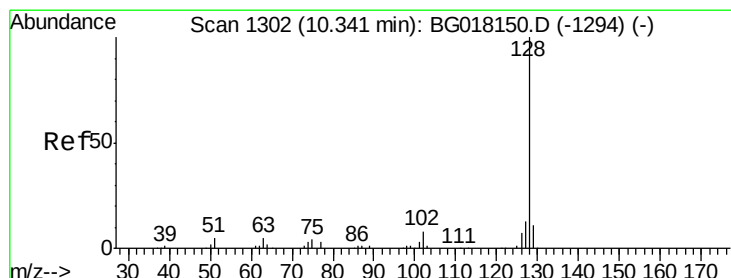
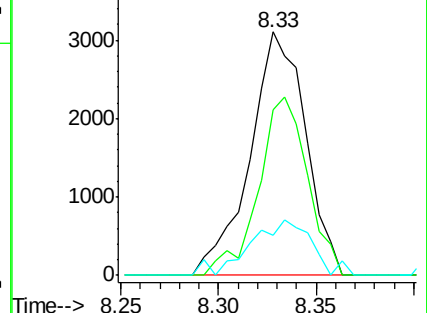
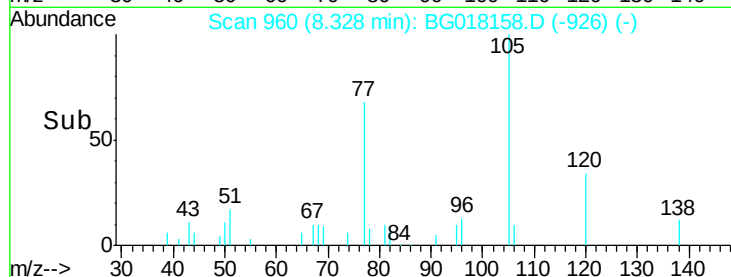
51 16.6 18.1 27.1#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#28

Naphthalene

Concen: 4.62 ng/ul

RT: 10.35 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BG018158.D

Acq: 28 Jul 2015 22:08

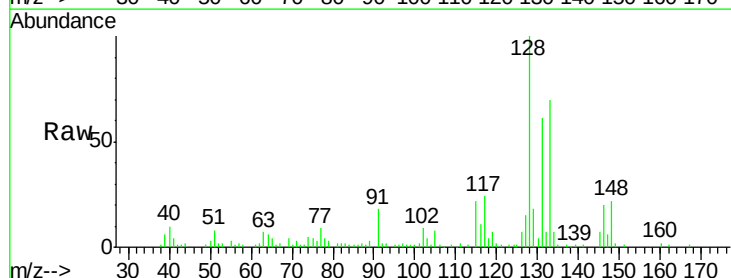
Tgt Ion:128 Resp: 52896

Ion Ratio Lower Upper

128 100

129 17.9 9.5 14.3#

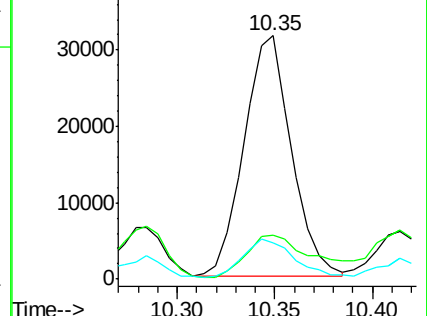
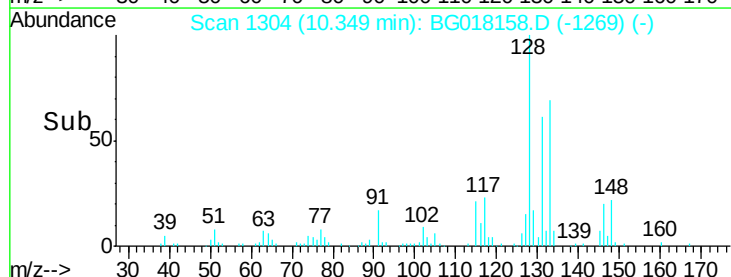
127 14.7 10.1 15.1

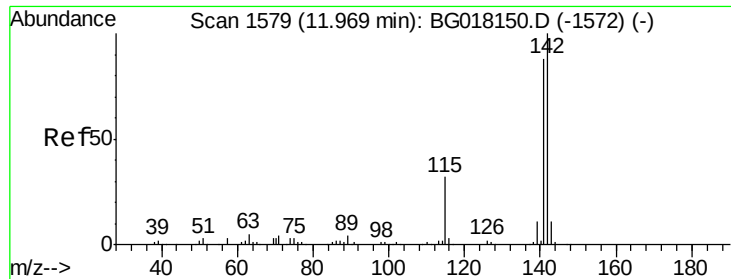


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

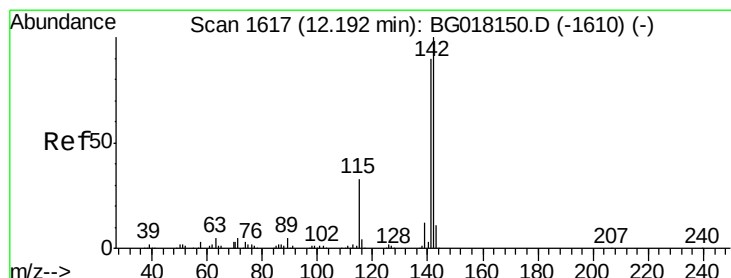
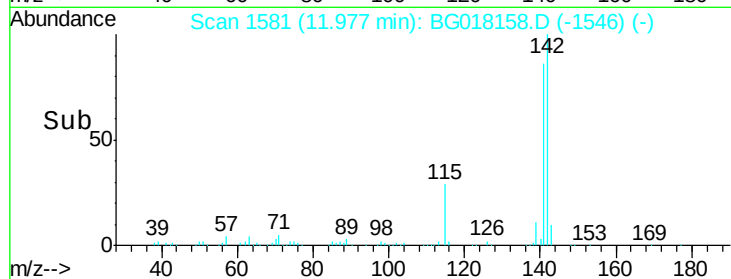
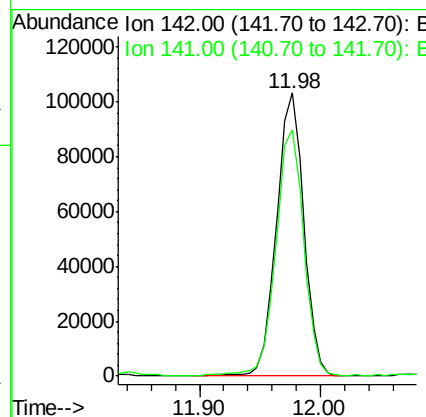
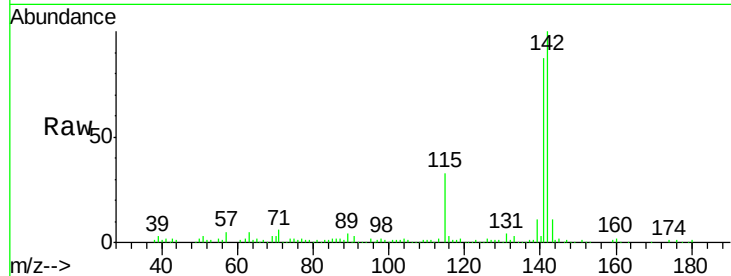




#34
2-Methylnaphthalene
Concen: 18.59 ng/ul
RT: 11.98 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BG018158.D
Acq: 28 Jul 2015 22:08

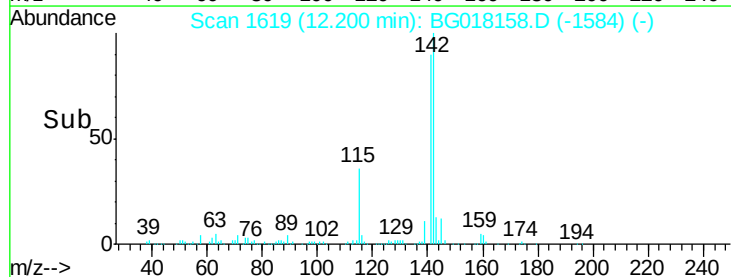
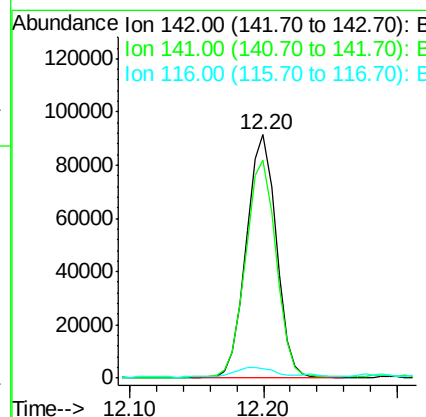
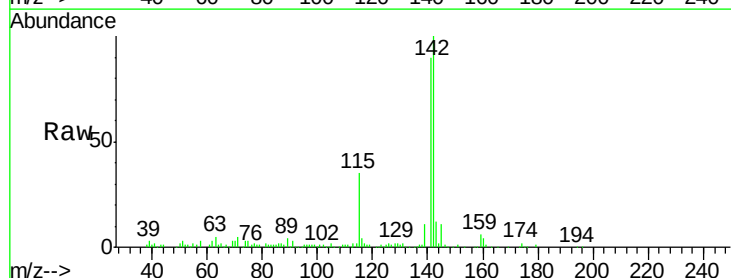
Instrument :
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C01X4

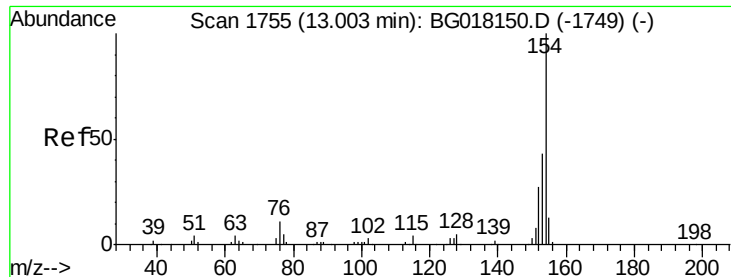
Tgt Ion:142 Resp: 160631
Ion Ratio Lower Upper
142 100
141 87.1 69.4 104.0



#35
1-Methylnaphthalene
Concen: 16.84 ng/ul
RT: 12.20 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BG018158.D
Acq: 28 Jul 2015 22:08

Tgt Ion:142 Resp: 142060
Ion Ratio Lower Upper
142 100
141 89.5 71.8 107.6
116 4.0 3.2 4.8





#41

1,1'-Biphenyl

Concen: 1.47 ng/ul

RT: 13.01 min Scan# 1757

Delta R.T. 0.01 min

Lab File: BG018158.D

Acq: 28 Jul 2015 22:08

Instrument :

BNA_M

ClientSampleId :

C01X4

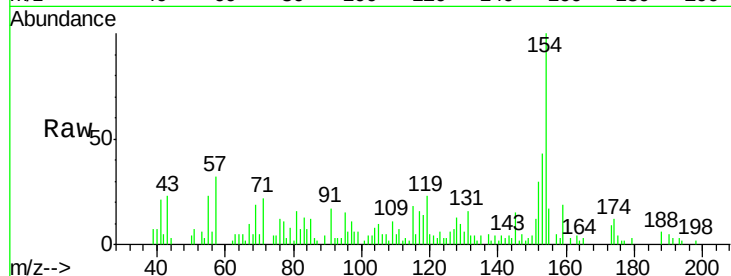
Tgt Ion:154 Resp: 14453

Ion Ratio Lower Upper

154 100

153 42.5 33.1 49.7

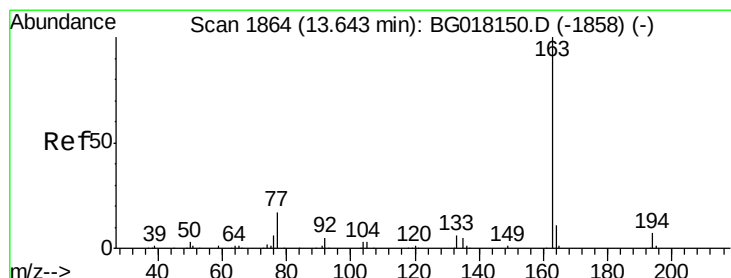
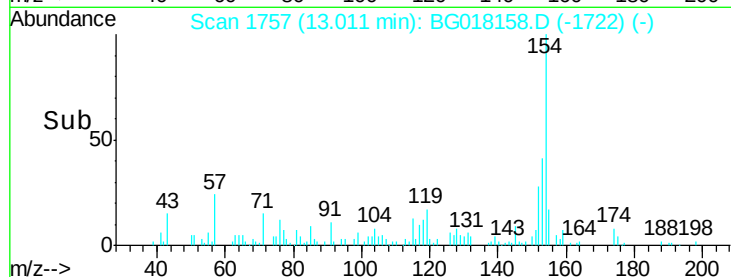
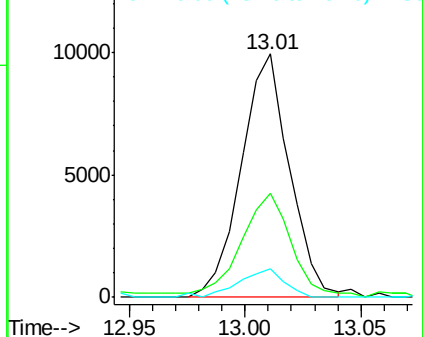
76 11.6 9.7 14.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#45

Dimethylphthalate

Concen: 5.38 ng/ul

RT: 13.65 min Scan# 1866

Delta R.T. 0.01 min

Lab File: BG018158.D

Acq: 28 Jul 2015 22:08

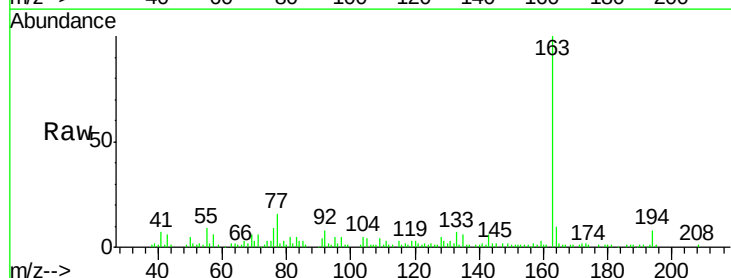
Tgt Ion:163 Resp: 54386

Ion Ratio Lower Upper

163 100

194 7.6 5.4 8.2

164 10.2 8.7 13.1



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

