

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
 Data File : BG018159.D
 Acq On : 28 Jul 2015 22:43
 Operator : TP/UM
 Sample : G3048-04
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01T0

Quant Time: Jul 29 02:06:16 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	56030	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	256696	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.19	164	154366	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	291979	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	307055	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	323725	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	1325	1.48	ng/uL	0.00
5) Phenol-d5	6.70	99	36179	8.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	18721	8.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	35990	9.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.24	113	23285	6.07	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	19815	9.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	21804	10.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	33250	8.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.44	131	31565	7.28	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	106797	9.85	ng/ul	0.00
47) Acenaphthylene-d8	13.88	160	117311	8.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	6237	2.74	ng/ul	0.00
58) Fluorene-d10	15.19	176	81408	8.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	1876	1.00	ng/ul	0.00
71) Anthracene-d10	17.04	188	102192	8.08	ng/ul	0.00
79) Pyrene-d10	19.35	212	104715	7.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	99999	6.47	ng/ul	0.00

Target Compounds

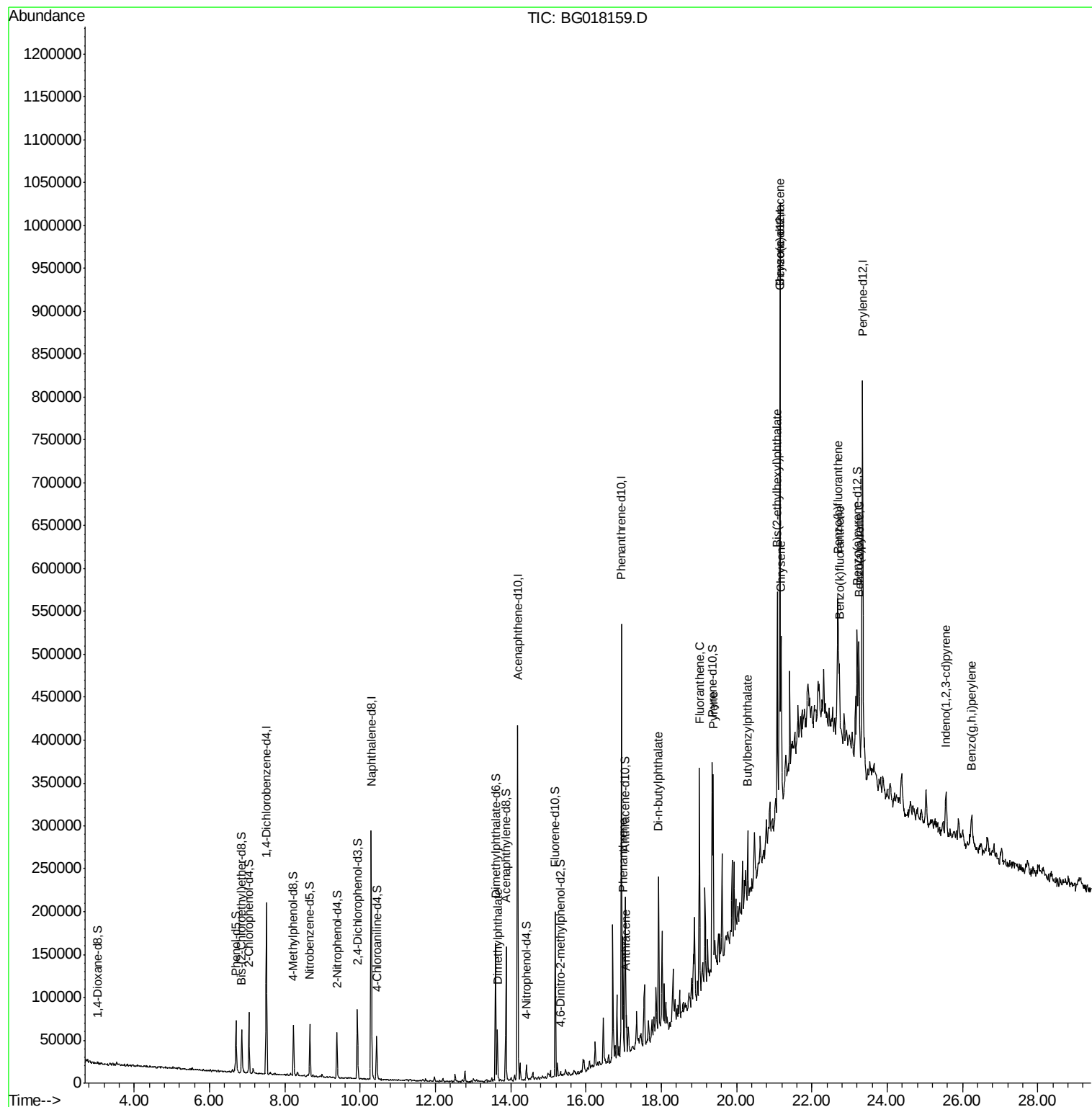
						Qvalue
45) Dimethylphthalate	13.65	163	40087	3.68	ng/ul	98
70) Phenanthrene	16.98	178	81101	5.53	ng/ul	96
72) Anthracene	17.07	178	28437	1.91	ng/ul	96
76) Di-n-butylphthalate	17.92	149	136334	8.03	ng/ul	98
77) Fluoranthene	19.02	202	157554	10.08	ng/ul	95
80) Pyrene	19.38	202	142483	8.10	ng/ul#	94
81) Butylbenzylphthalate	20.30	149	25206	3.50	ng/ul	94
83) Benzo(a)anthracene	21.14	228	83284	5.13	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.08	149	101548	9.85	ng/ul	98
85) Chrysene	21.19	228	81794	5.35	ng/ul	95
88) Benzo(b)fluoranthene	22.69	252	120056	6.77	ng/ul#	94
89) Benzo(k)fluoranthene	22.73	252	36416	2.12	ng/ul#	94
91) Benzo(a)pyrene	23.25	252	79011	4.60	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.56	276	52977	2.67	ng/ul#	92
94) Benzo(g,h,i)perylene	26.25	276	45547	2.78	ng/ul	96

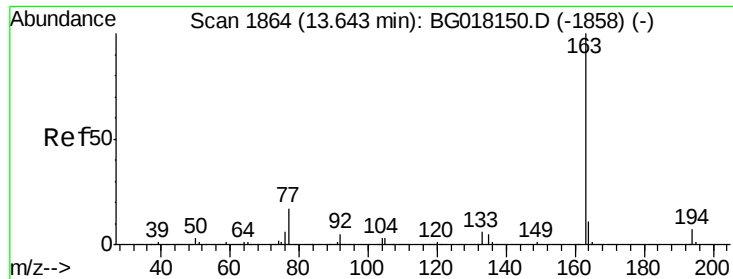
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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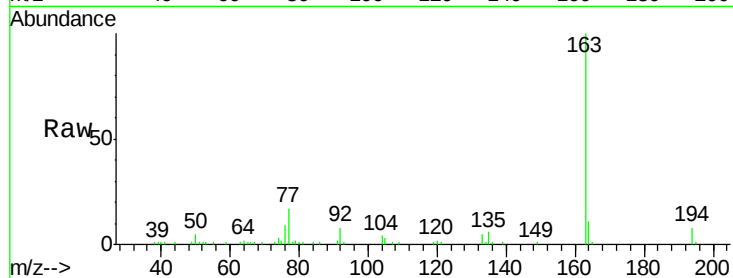




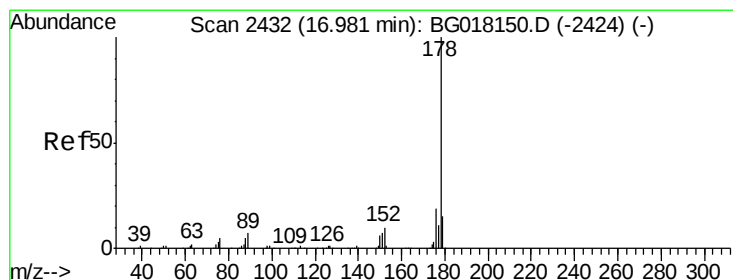
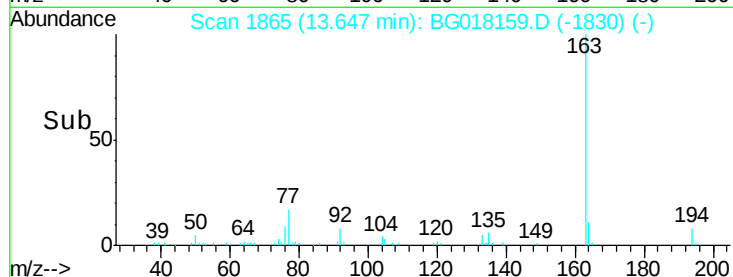
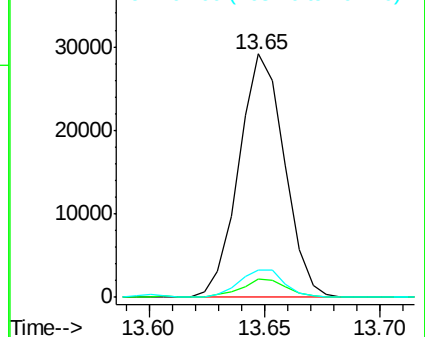
#45
Dimethylphthalate
Concen: 3.68 ng/ul
RT: 13.65 min Scan# 1865
Delta R.T. 0.00 min
Lab File: BG018159.D
Acq: 28 Jul 2015 22:43

Instrument :
BNA_M
ClientSampleId :
C01T0

Tgt Ion:163 Resp: 40087
Ion Ratio Lower Upper
163 100
194 7.6 5.4 8.2
164 11.2 8.7 13.1

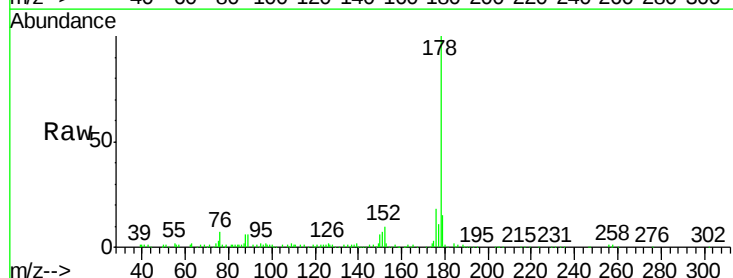


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

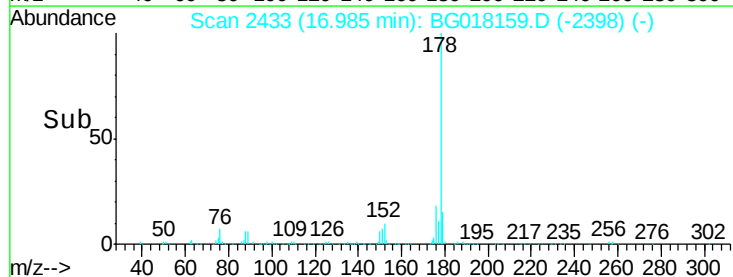
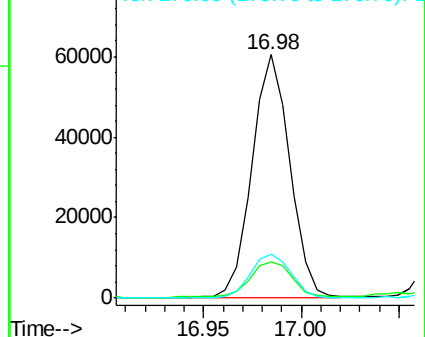


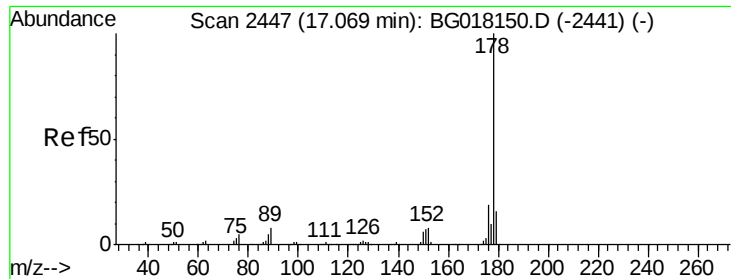
#70
Phenanthrene
Concen: 5.53 ng/ul
RT: 16.98 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BG018159.D
Acq: 28 Jul 2015 22:43

Tgt Ion:178 Resp: 81101
Ion Ratio Lower Upper
178 100
179 14.9 13.0 19.6
176 18.0 15.8 23.8



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: 1.91 ng/ul

RT: 17.07 min Scan# 2448

Delta R.T. 0.00 min

Lab File: BG018159.D

Acq: 28 Jul 2015 22:43

Instrument :

BNA_M

ClientSampleId :

C01T0

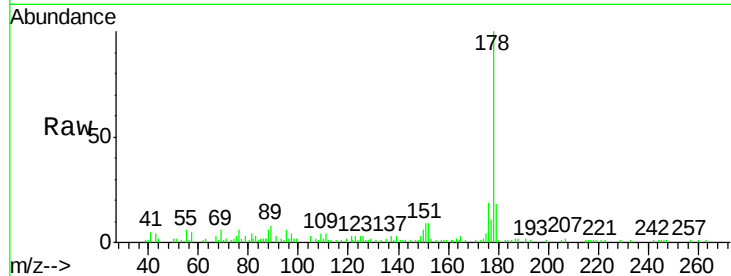
Tgt Ion:178 Resp: 28437

Ion Ratio Lower Upper

178 100

179 17.8 12.4 18.6

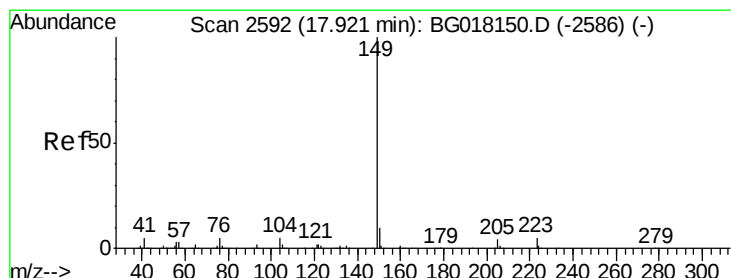
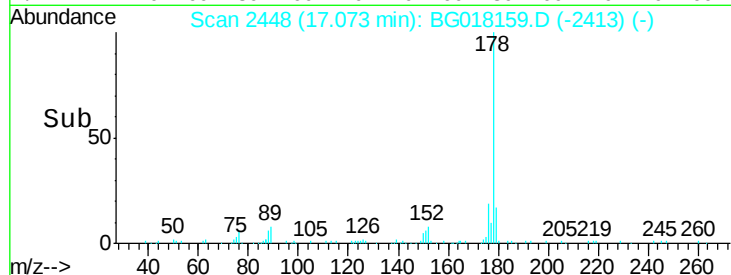
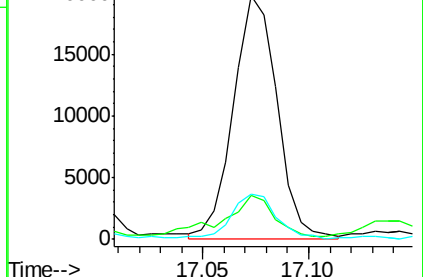
176 18.6 15.8 23.8



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



#76

Di-n-butylphthalate

Concen: 8.03 ng/ul

RT: 17.92 min Scan# 2593

Delta R.T. 0.00 min

Lab File: BG018159.D

Acq: 28 Jul 2015 22:43

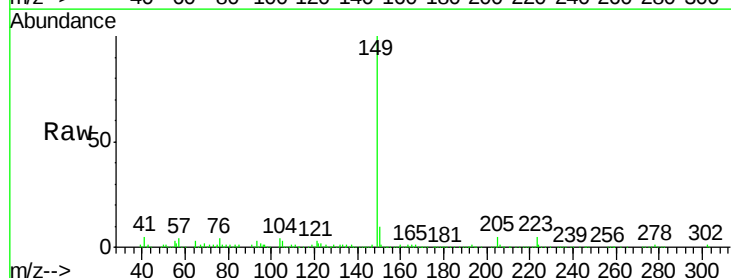
Tgt Ion:149 Resp: 136334

Ion Ratio Lower Upper

149 100

150 10.1 7.4 11.0

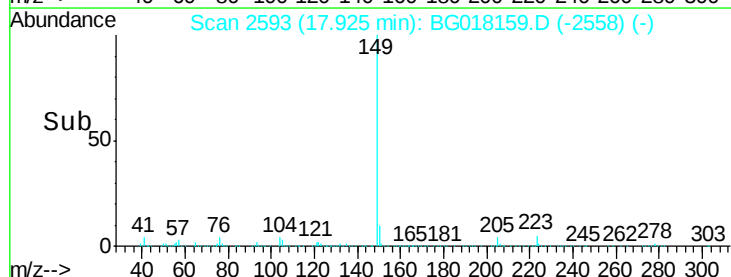
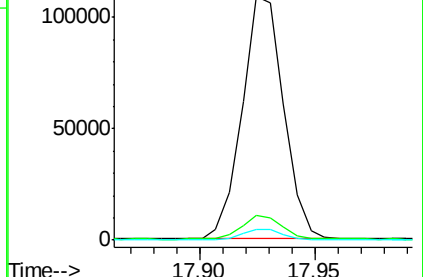
104 4.5 3.8 5.8

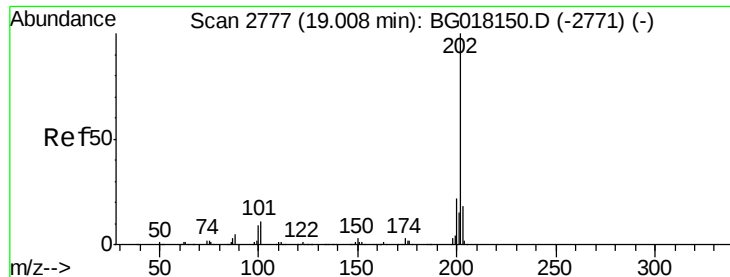


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#77

Fluoranthene

Concen: 10.08 ng/ul

RT: 19.02 min Scan# 2779

Delta R.T. 0.01 min

Lab File: BG018159.D

Acq: 28 Jul 2015 22:43

Instrument :

BNA_M

ClientSampleId :

C01T0

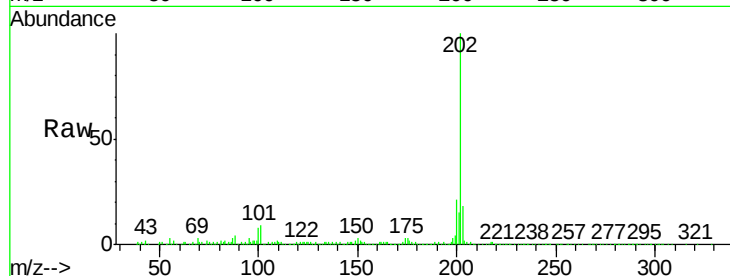
Tgt Ion:202 Resp: 157554

Ion Ratio Lower Upper

202 100

101 9.2 9.1 13.7

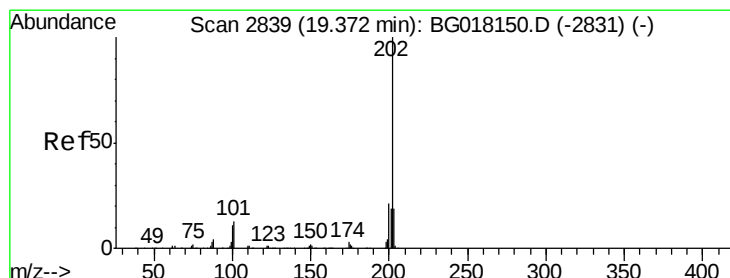
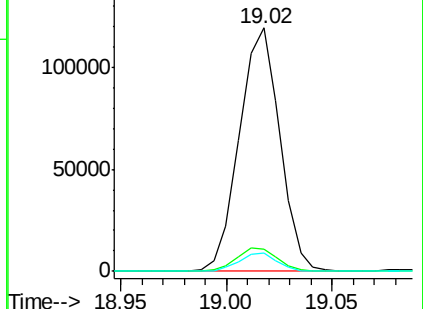
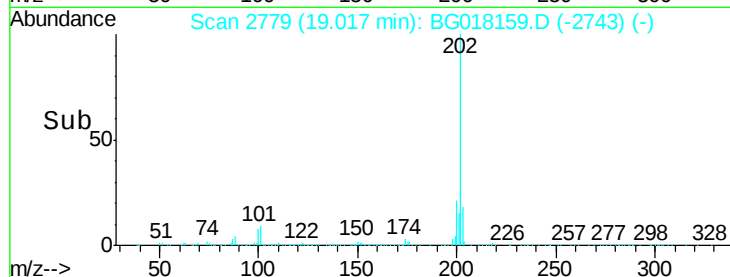
100 7.7 7.5 11.3



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



#80

Pyrene

Concen: 8.10 ng/ul

RT: 19.38 min Scan# 2841

Delta R.T. 0.01 min

Lab File: BG018159.D

Acq: 28 Jul 2015 22:43

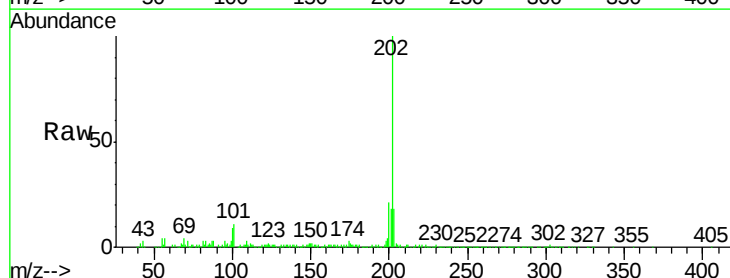
Tgt Ion:202 Resp: 142483

Ion Ratio Lower Upper

202 100

101 10.8 10.9 16.3#

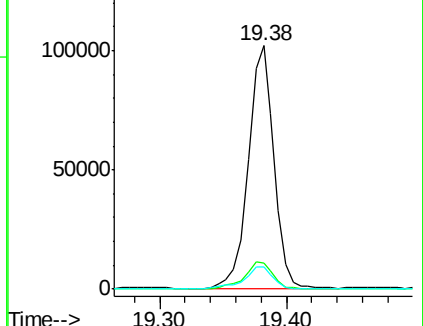
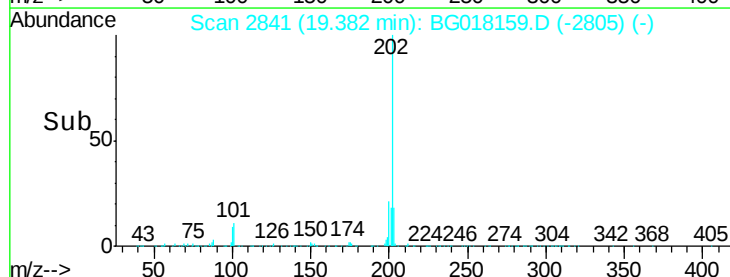
100 9.2 8.5 12.7

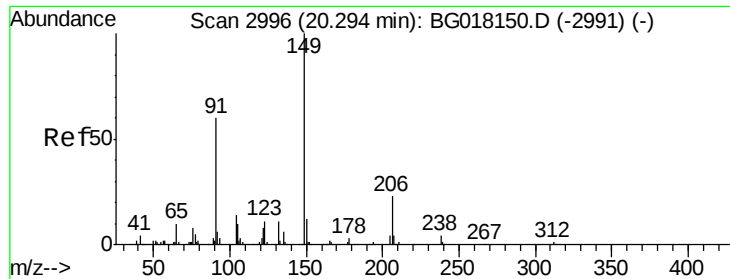


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#81

Butylbenzylphthalate

Concen: 3.50 ng/ul

RT: 20.30 min Scan# 2997

Delta R.T. 0.00 min

Lab File: BG018159.D

Acq: 28 Jul 2015 22:43

Instrument :

BNA_M

ClientSampleId :

C01T0

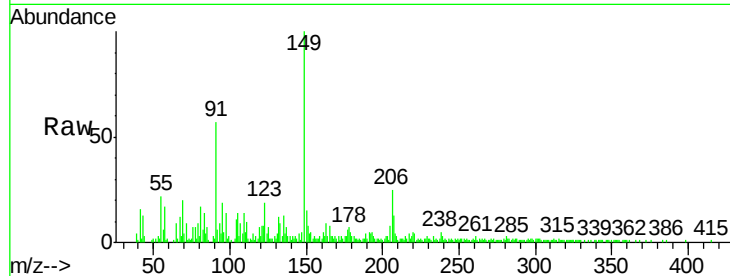
Tgt Ion:149 Resp: 25206

Ion Ratio Lower Upper

149 100

91 57.2 51.1 76.7

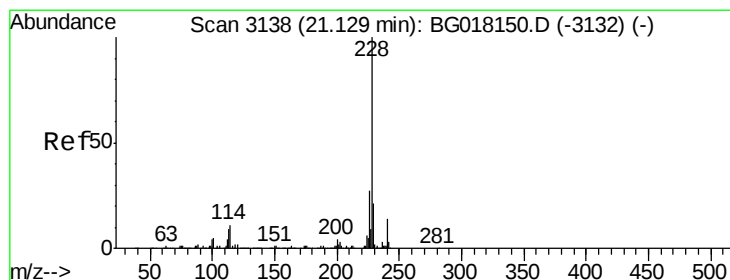
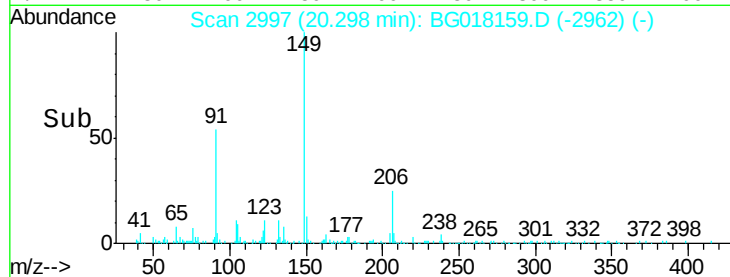
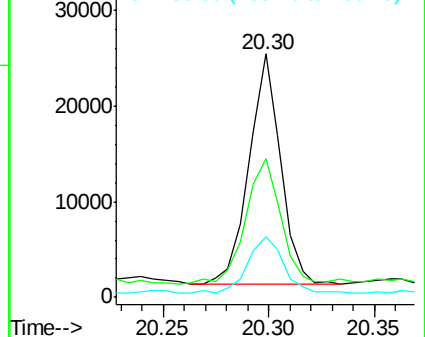
206 24.8 19.9 29.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#83

Benzo(a)anthracene

Concen: 5.13 ng/ul

RT: 21.14 min Scan# 3140

Delta R.T. 0.01 min

Lab File: BG018159.D

Acq: 28 Jul 2015 22:43

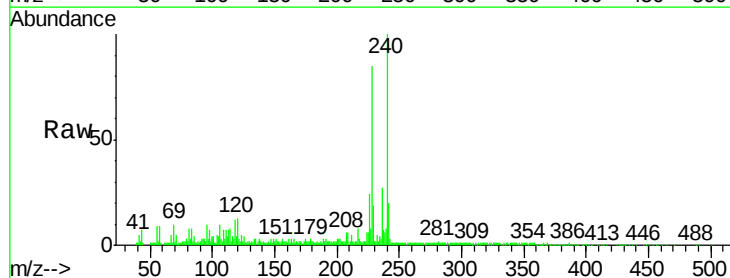
Tgt Ion:228 Resp: 83284

Ion Ratio Lower Upper

228 100

229 21.7 16.6 24.8

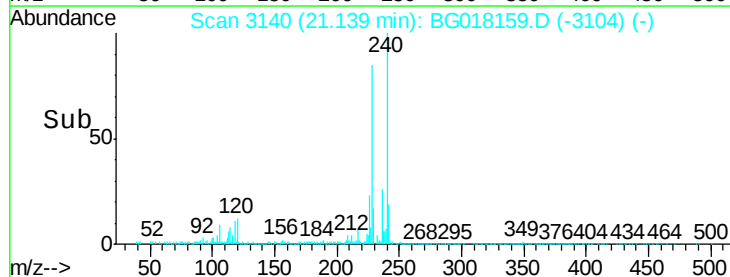
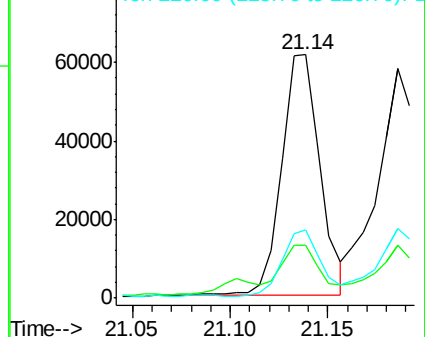
226 27.9 21.1 31.7

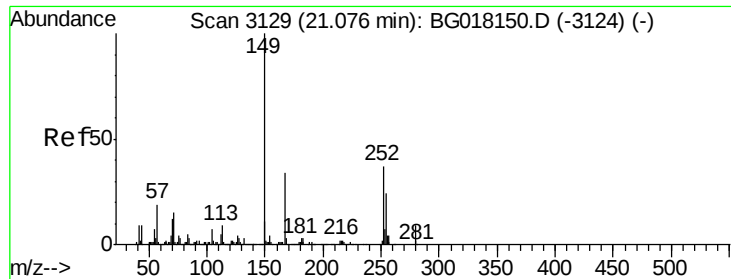


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 9.85 ng/ul

RT: 21.08 min Scan# 3130

Delta R.T. 0.00 min

Lab File: BG018159.D

Acq: 28 Jul 2015 22:43

Instrument :

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C01T0

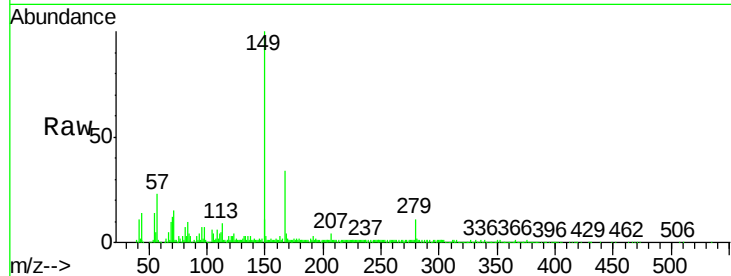
Tgt Ion:149 Resp: 101548

Ion Ratio Lower Upper

149 100

167 33.8 26.2 39.4

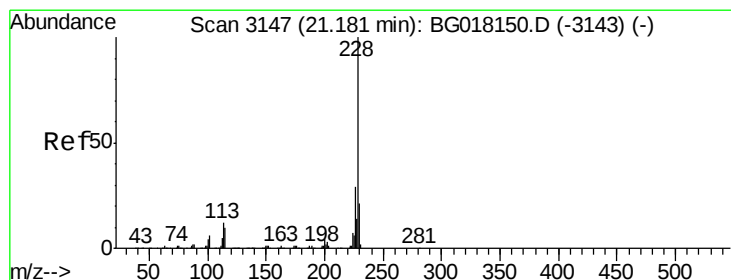
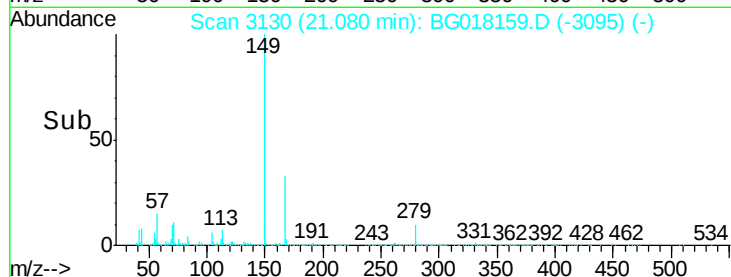
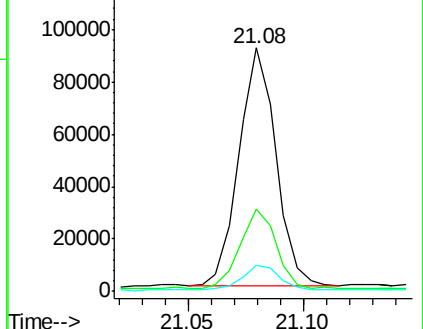
279 10.5 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 5.35 ng/ul

RT: 21.19 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG018159.D

Acq: 28 Jul 2015 22:43

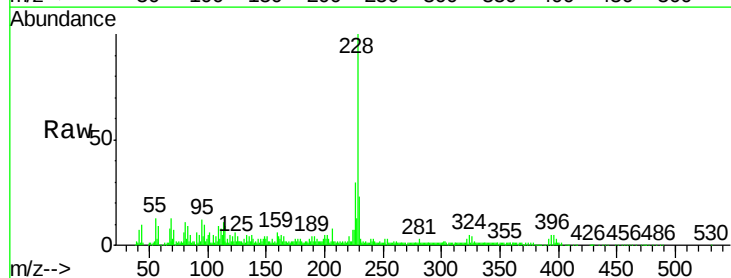
Tgt Ion:228 Resp: 81794

Ion Ratio Lower Upper

228 100

226 30.3 22.9 34.3

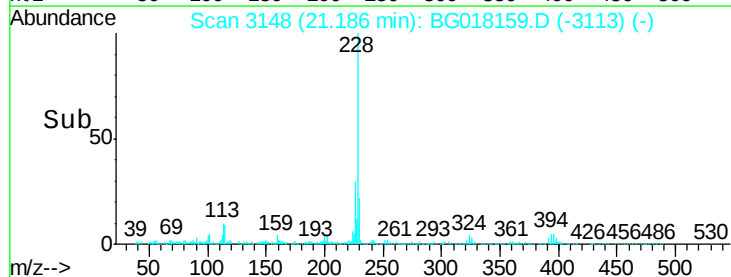
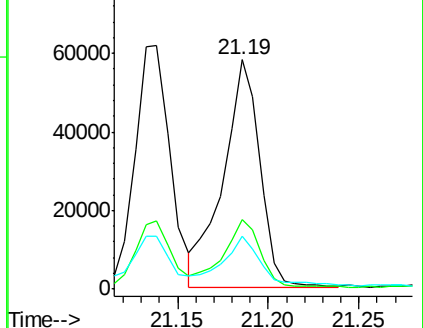
229 23.1 15.6 23.4

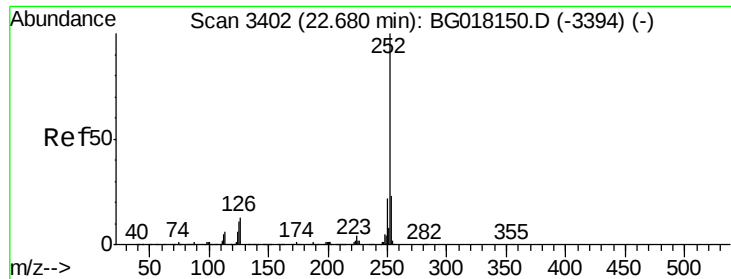


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 6.77 ng/ul

RT: 22.69 min Scan# 3404

Delta R.T. 0.01 min

Lab File: BG018159.D

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C01T0

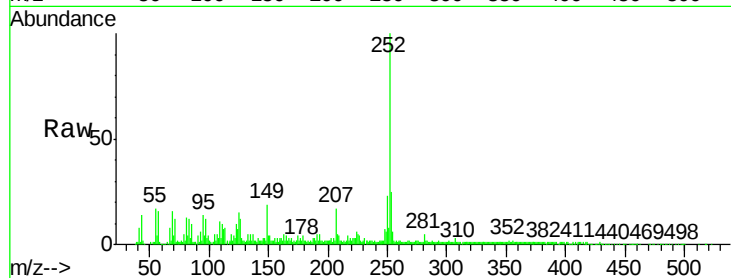
Tgt Ion:252 Resp: 120056

Ion Ratio Lower Upper

252 100

253 25.0 18.5 27.7

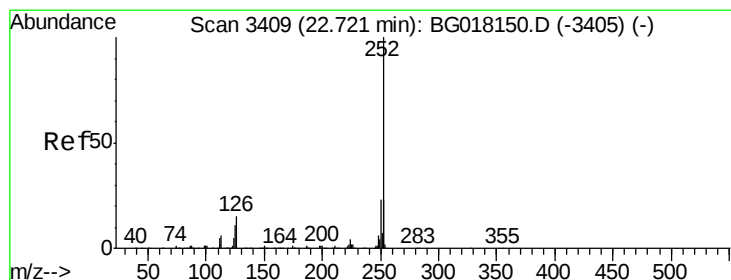
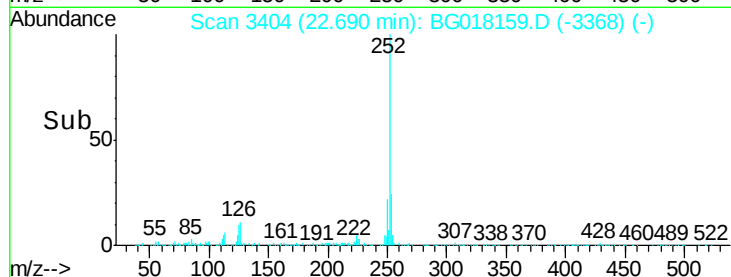
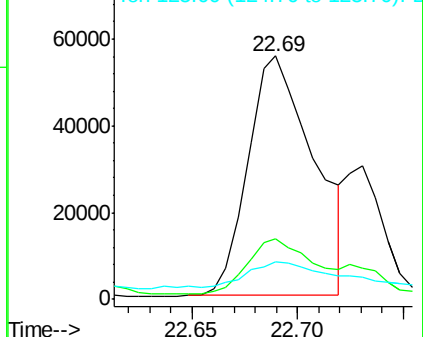
125 15.3 9.1 13.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 2.12 ng/ul

RT: 22.73 min Scan# 3411

Delta R.T. 0.01 min

Lab File: BG018159.D

Acq: 28 Jul 2015 22:43

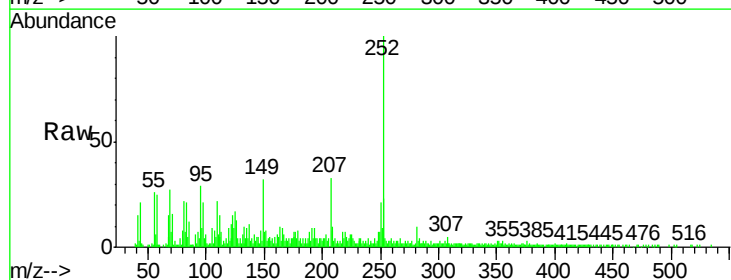
Tgt Ion:252 Resp: 36416

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.8

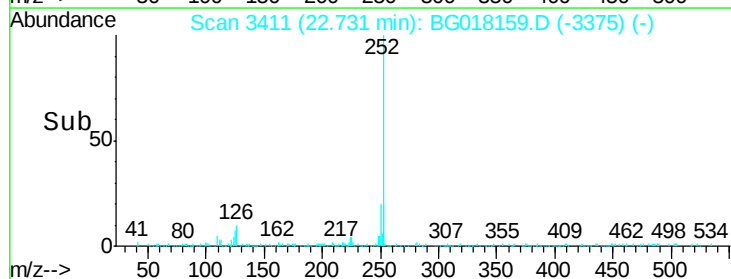
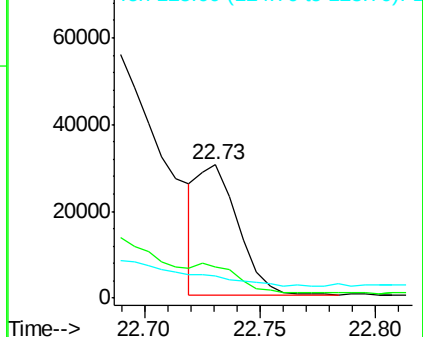
125 16.8 9.3 13.9#

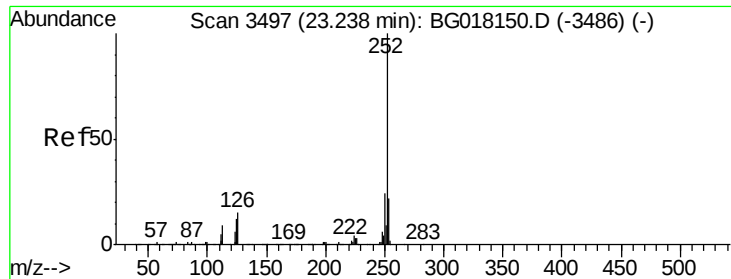


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 4.60 ng/ul

RT: 23.25 min Scan# 3500

Delta R.T. 0.02 min

Lab File: BG018159.D

Acq: 28 Jul 2015 22:43

Instrument :

BNA_M

ClientSampleId :

C01T0

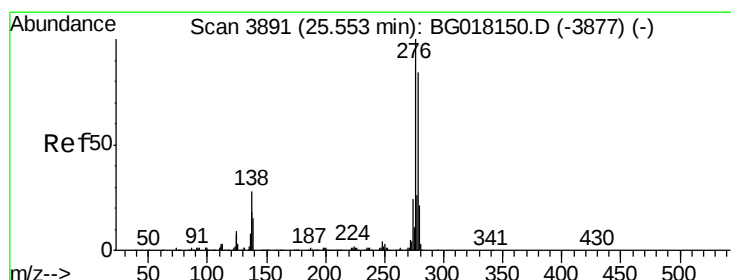
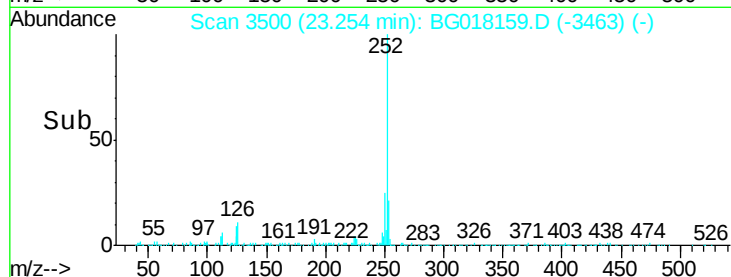
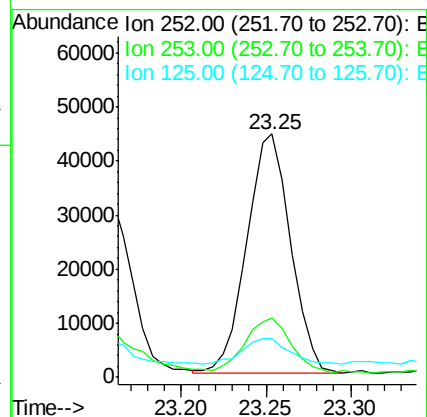
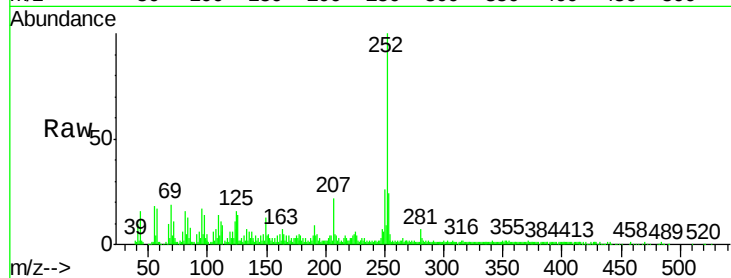
Tgt Ion:252 Resp: 79011

Ion Ratio Lower Upper

252 100

253 24.2 18.0 27.0

125 15.7 10.2 15.2#



#92

Indeno(1,2,3-cd)pyrene

Concen: 2.67 ng/ul

RT: 25.56 min Scan# 3893

Delta R.T. 0.01 min

Lab File: BG018159.D

Acq: 28 Jul 2015 22:43

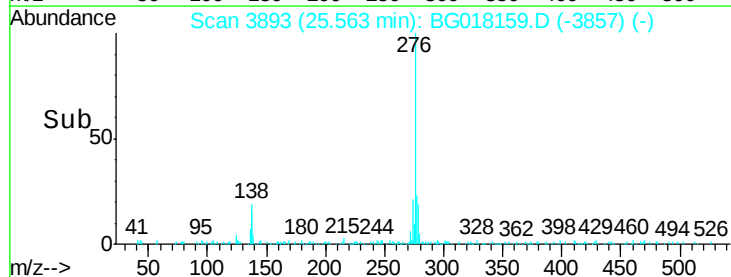
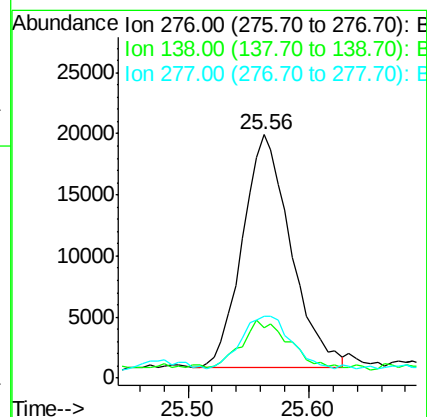
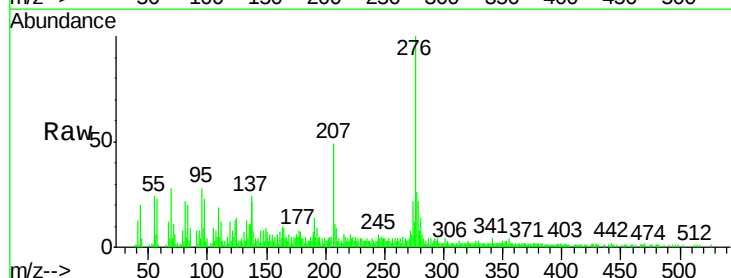
Tgt Ion:276 Resp: 52977

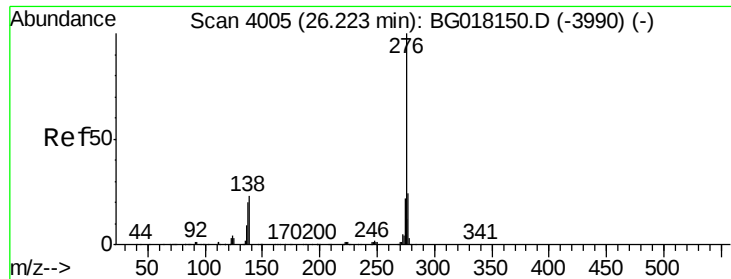
Ion Ratio Lower Upper

276 100

138 20.8 22.6 33.8#

277 25.5 19.8 29.8





#94

Benzo(g,h,i)perylene

Concen: 2.78 ng/ul

RT: 26.25 min Scan# 4010

Delta R.T. 0.03 min

Lab File: BG018159.D

Acq: 28 Jul 2015 22:43

Instrument :

BNA_M

ClientSampleId :

C01T0

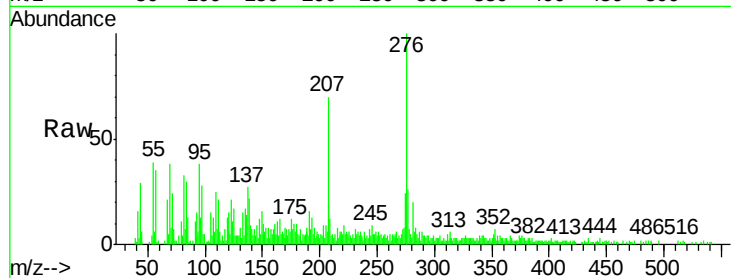
Tgt Ion: 276 Resp: 45547

Ion Ratio Lower Upper

276 100

138 21.7 18.8 28.2

277 25.9 19.3 28.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

