

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
 Data File : BG018363.D
 Acq On : 10 Aug 2015 20:56
 Operator : UM/MA
 Sample : G3136-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01T8

Quant Time: Aug 11 01:43:19 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 11 01:39:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	162558	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	747784	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.67	164	457701	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.41	188	894969	20.00	ng/ul	0.01
78) Chrysene-d12	21.69	240	757610	20.00	ng/ul	0.03
86) Perylene-d12	24.93	264	753752	20.00	ng/ul	0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	6890	1.87	ng/uL	0.00
5) Phenol-d5	7.19	99	150941	10.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	103216	11.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	121594	10.76	ng/ul	0.01
13) 4-Methylphenol-d8	8.74	113	87753	7.08	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	63949	10.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	68456	11.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	123458	9.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	66858	4.70	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	381091	9.90	ng/ul	0.00
47) Acenaphthylene-d8	14.36	160	439949	9.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	46136	6.66	ng/ul	0.00
58) Fluorene-d10	15.66	176	306000	9.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.76	200	31125	7.07	ng/ul	0.00
71) Anthracene-d10	17.51	188	401966	9.39	ng/ul	0.00
79) Pyrene-d10	19.79	212	379133	9.65	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.71	264	394008	9.85	ng/ul	0.05

Target Compounds

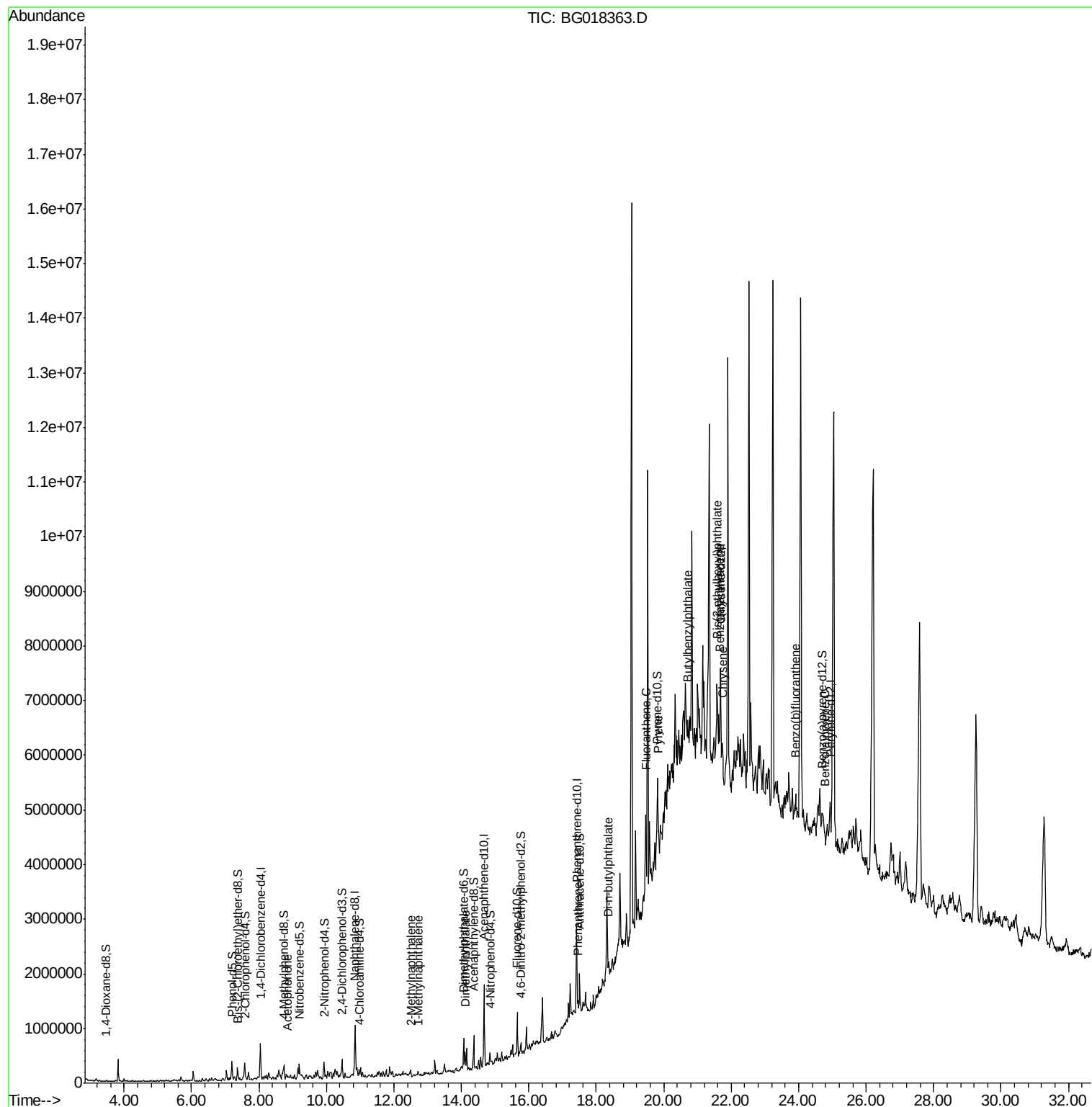
						Qvalue
14) Acetophenone	8.85	105	40633	2.27	ng/ul#	40
34) 2-Methylnaphthalene	12.50	142	39277	1.37	ng/ul	91
35) 1-Methylnaphthalene	12.72	142	32278	1.15	ng/ul#	98
45) Dimethylphthalate	14.11	163	194394	5.12	ng/ul#	97
70) Phenanthrene	17.46	178	136697	2.82	ng/ul#	92
76) Di-n-butylphthalate	18.37	149	64067	1.13	ng/ul#	86
77) Fluoranthene	19.46	202	227887	4.39	ng/ul#	92
80) Pyrene	19.82	202	245983	4.80	ng/ul	99
81) Butylbenzylphthalate	20.71	149	32574	1.50	ng/ul#	60
83) Benzo(a)anthracene	21.67	228	95626	2.04	ng/ul#	73
84) Bis(2-ethylhexyl)phthalate	21.58	149	388401	12.69	ng/ul	96
85) Chrysene	21.73	228	111569	2.54	ng/ul#	81
88) Benzo(b)fluoranthene	23.89	252	66748	1.41	ng/ul#	1
91) Benzo(a)pyrene	24.78	252	82993	1.84	ng/ul#	1

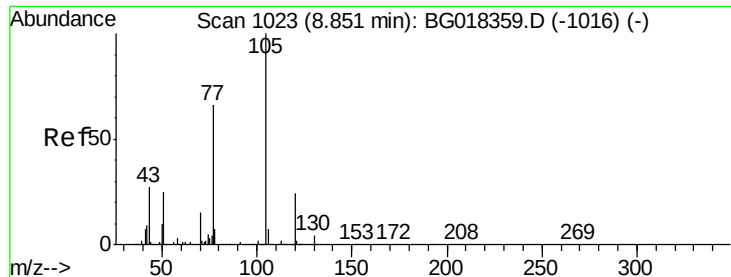
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#14

Acetophenone

Concen: 2.27 ng/ul

RT: 8.85 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BG018363.D

Acq: 10 Aug 2015 20:56

Instrument :

BNA_G

ClientSampleId :

C01T8

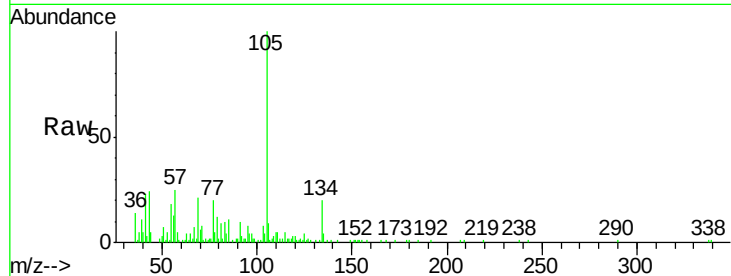
Tgt Ion:105 Resp: 40633

Ion Ratio Lower Upper

105 100

77 19.8 61.9 92.9#

51 6.8 25.5 38.3#

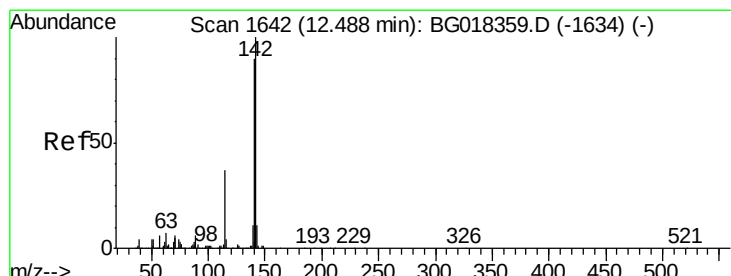
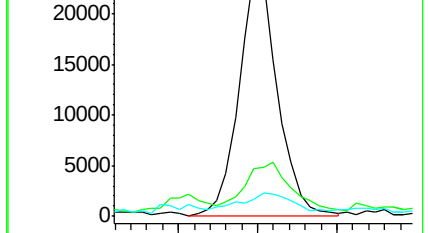
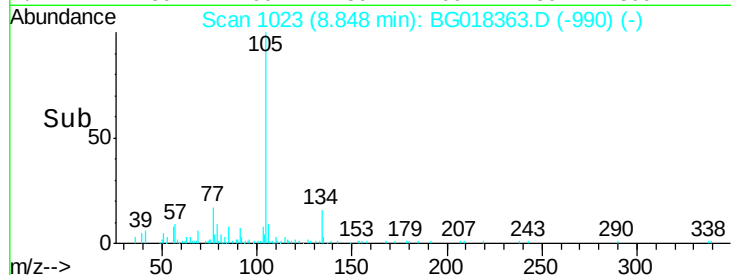


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG018359.D (-1016) (-)

Ion 51.00 (50.70 to 51.70): BG018359.D (-1016) (-)

Time-->



#34

2-Methylnaphthalene

Concen: 1.37 ng/ul

RT: 12.50 min Scan# 1645

Delta R.T. 0.01 min

Lab File: BG018363.D

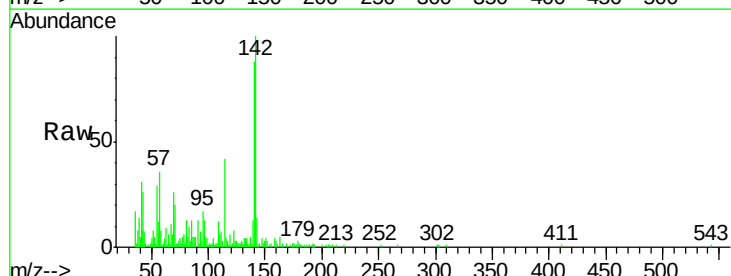
Acq: 10 Aug 2015 20:56

Tgt Ion:142 Resp: 39277

Ion Ratio Lower Upper

142 100

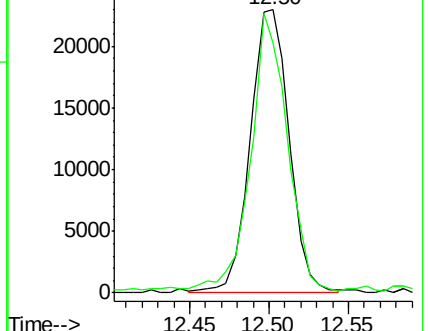
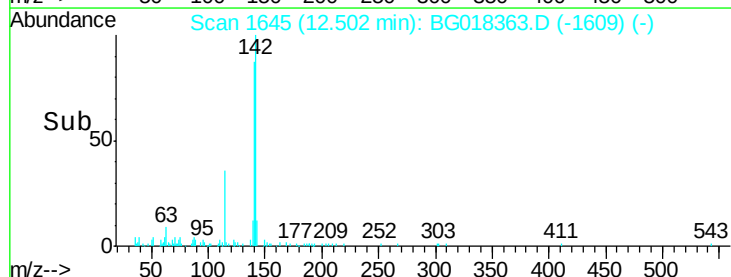
141 88.4 78.0 117.0

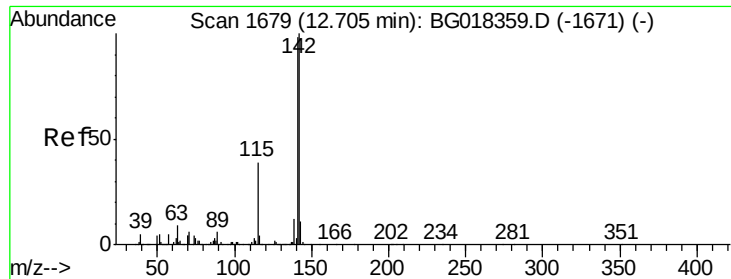


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->





#35

1-Methylnaphthalene

Concen: 1.15 ng/ul

RT: 12.72 min Scan# 1682

Delta R.T. 0.01 min

Lab File: BG018363.D

Acq: 10 Aug 2015 20:56

Instrument :

BNA_G

ClientSampleId :

C01T8

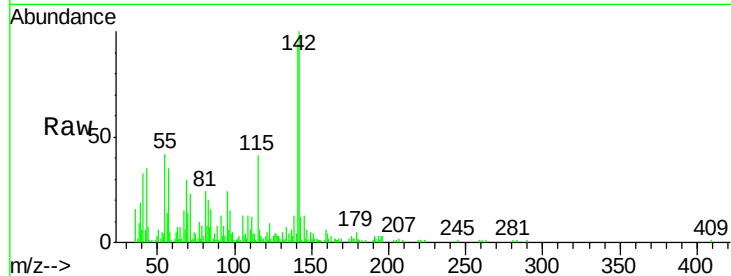
Tgt Ion:142 Resp: 32278

Ion Ratio Lower Upper

142 100

141 94.2 77.1 115.7

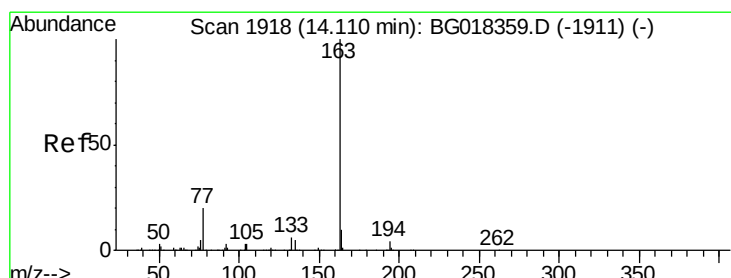
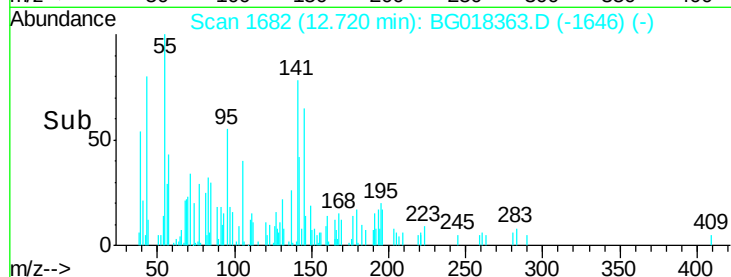
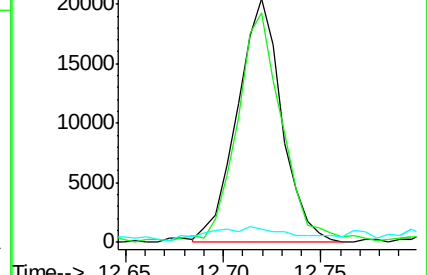
116 5.6 3.5 5.3#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#45

Dimethylphthalate

Concen: 5.12 ng/ul

RT: 14.11 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BG018363.D

Acq: 10 Aug 2015 20:56

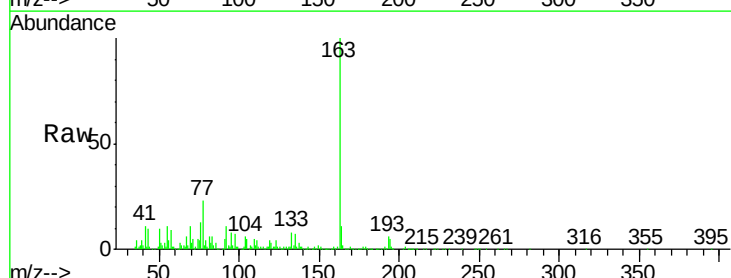
Tgt Ion:163 Resp: 194394

Ion Ratio Lower Upper

163 100

194 5.1 2.9 4.3#

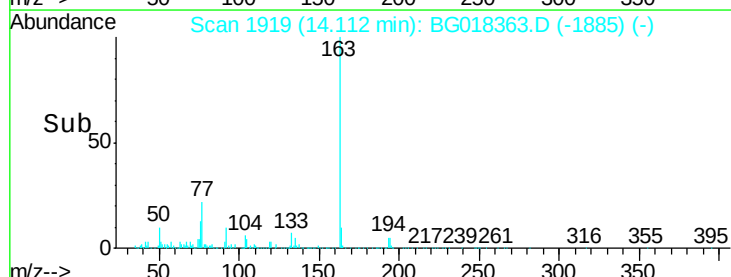
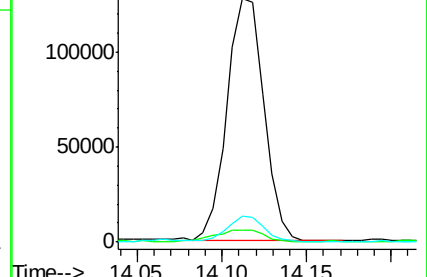
164 10.6 7.7 11.5

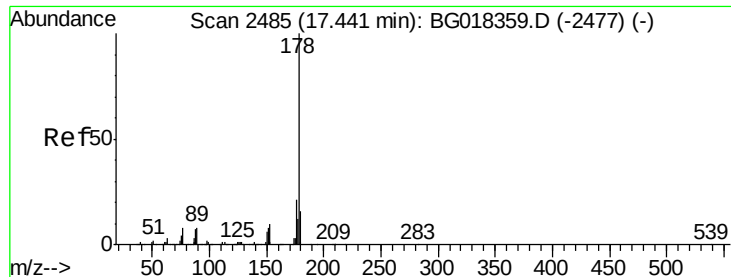


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#70

Phenanthrene

Concen: 2.82 ng/ul

RT: 17.46 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BG018363.D

Acq: 10 Aug 2015 20:56

Instrument :

BNA_G

ClientSampleId :

C01T8

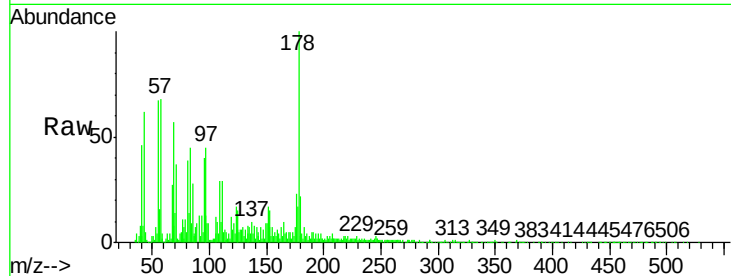
Tgt Ion:178 Resp: 136697

Ion Ratio Lower Upper

178 100

179 21.9 13.7 20.5#

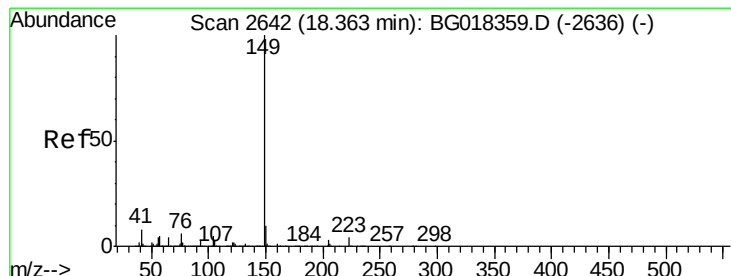
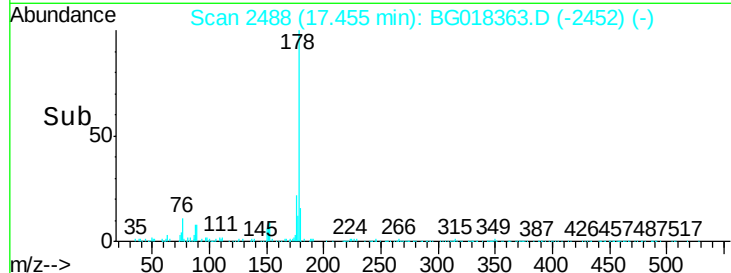
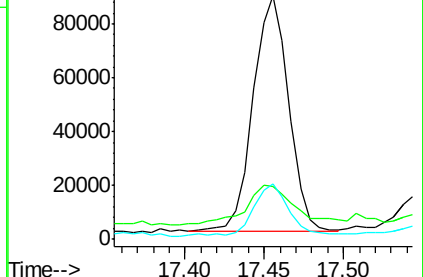
176 22.9 16.6 24.8



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: 1.13 ng/ul

RT: 18.37 min Scan# 2644

Delta R.T. 0.01 min

Lab File: BG018363.D

Acq: 10 Aug 2015 20:56

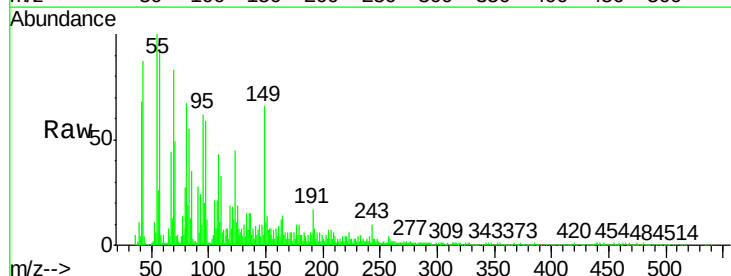
Tgt Ion:149 Resp: 64067

Ion Ratio Lower Upper

149 100

150 16.3 7.5 11.3#

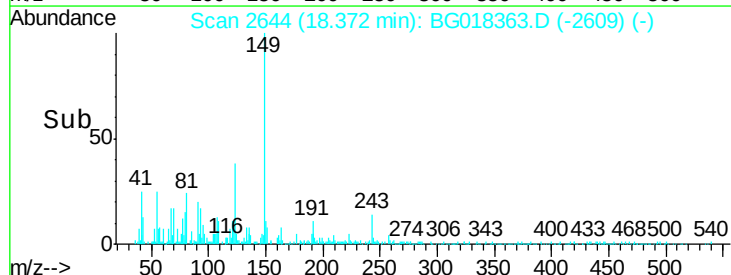
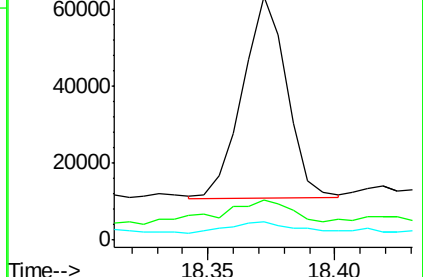
104 7.3 4.3 6.5#

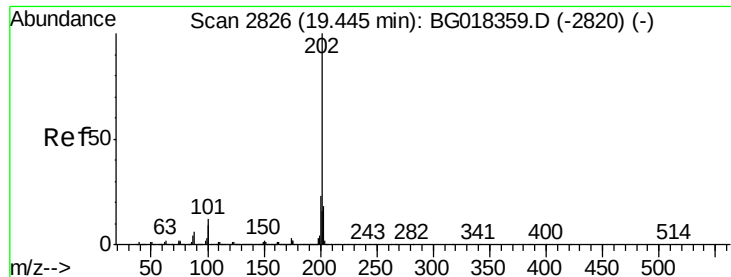


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#77

Fluoranthene

Concen: 4.39 ng/ul

RT: 19.46 min Scan# 2830

Delta R.T. 0.02 min

Lab File: BG018363.D

Acq: 10 Aug 2015 20:56

Instrument :

BNA_G

ClientSampleId :

C01T8

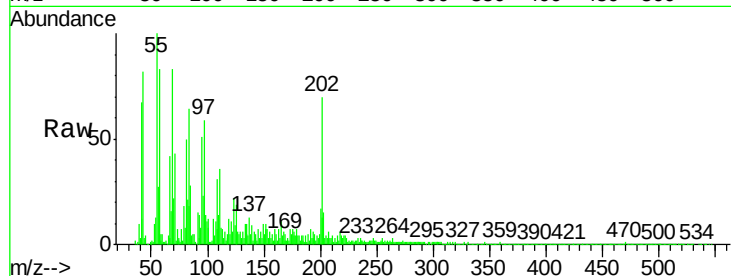
Tgt Ion:202 Resp: 227887

Ion Ratio Lower Upper

202 100

101 16.7 9.7 14.5#

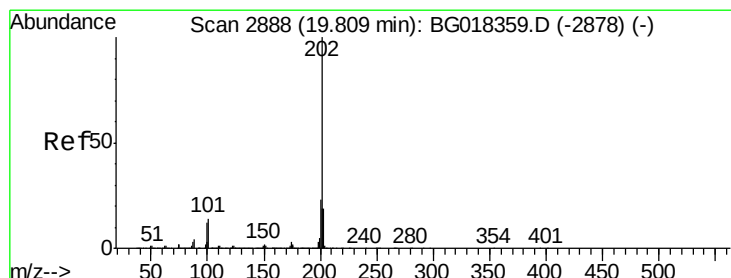
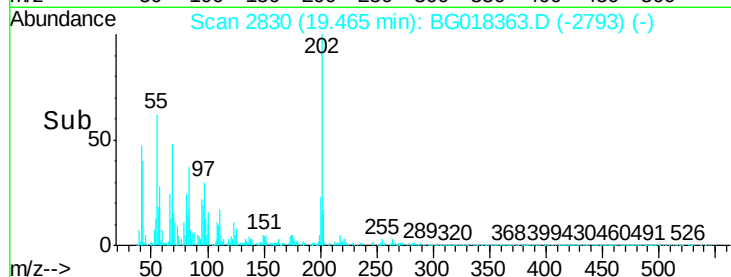
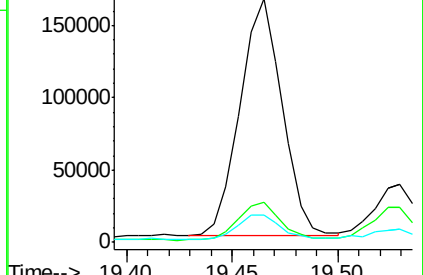
100 11.3 7.8 11.8



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: 4.80 ng/ul

RT: 19.82 min Scan# 2891

Delta R.T. 0.01 min

Lab File: BG018363.D

Acq: 10 Aug 2015 20:56

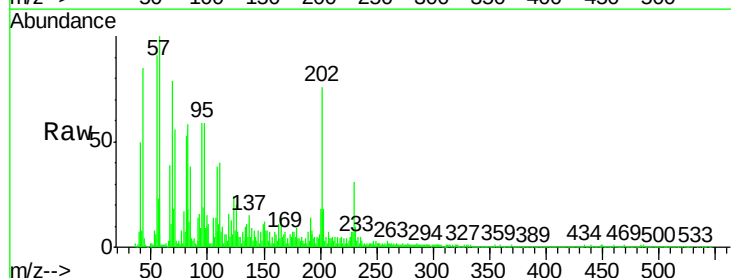
Tgt Ion:202 Resp: 245983

Ion Ratio Lower Upper

202 100

101 13.9 11.0 16.4

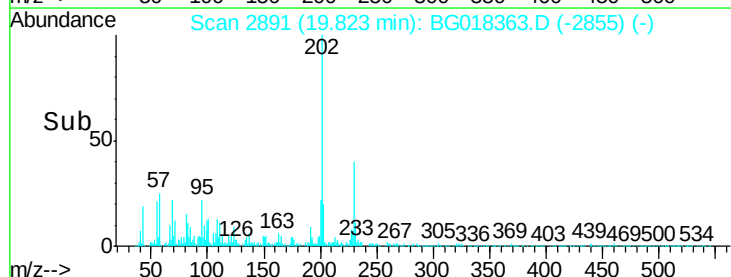
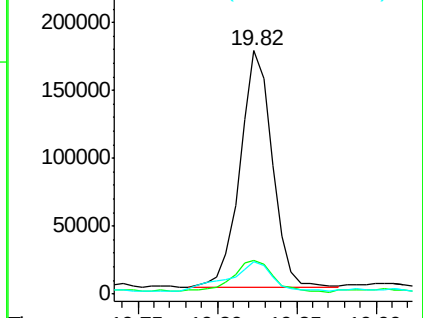
100 13.1 9.8 14.6

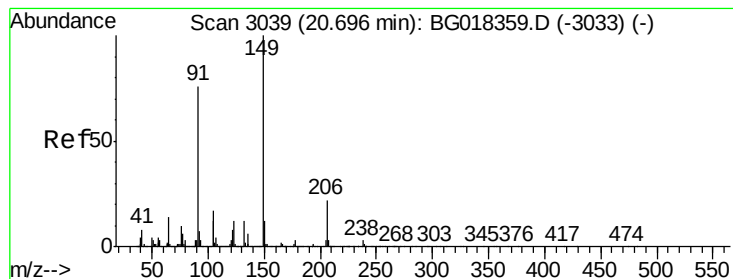


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#81

Butylbenzylphthalate

Concen: 1.50 ng/ul

RT: 20.71 min Scan# 3042

Delta R.T. 0.01 min

Lab File: BG018363.D

Acq: 10 Aug 2015 20:56

Instrument :

BNA_G

ClientSampleId :

C01T8

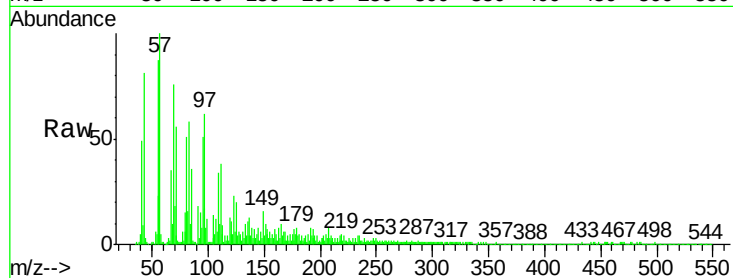
Tgt Ion:149 Resp: 32574

Ion Ratio Lower Upper

149 100

91 116.2 57.9 86.9#

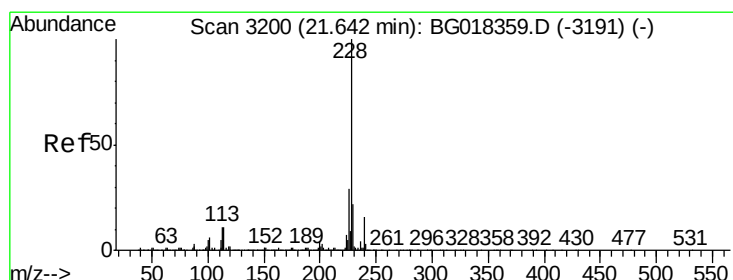
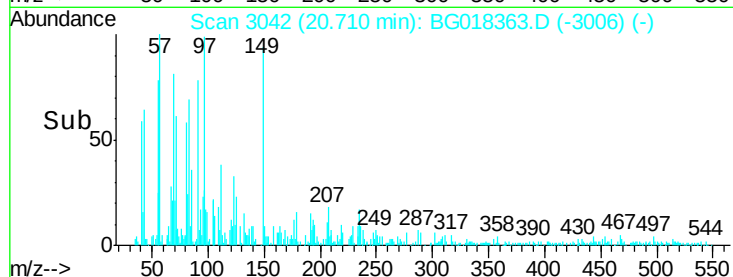
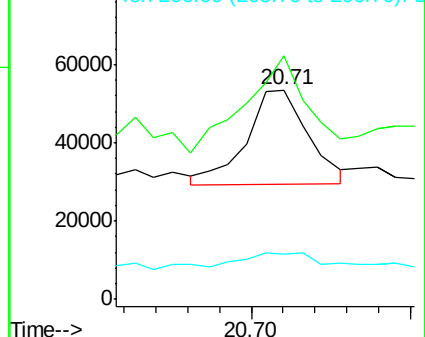
206 21.8 17.9 26.9



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: 2.04 ng/ul

RT: 21.67 min Scan# 3205

Delta R.T. 0.03 min

Lab File: BG018363.D

Acq: 10 Aug 2015 20:56

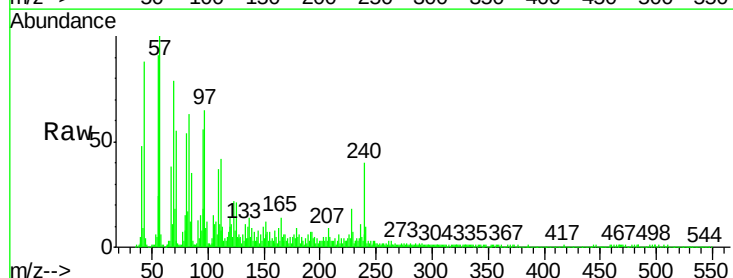
Tgt Ion:228 Resp: 95626

Ion Ratio Lower Upper

228 100

229 39.5 15.5 23.3#

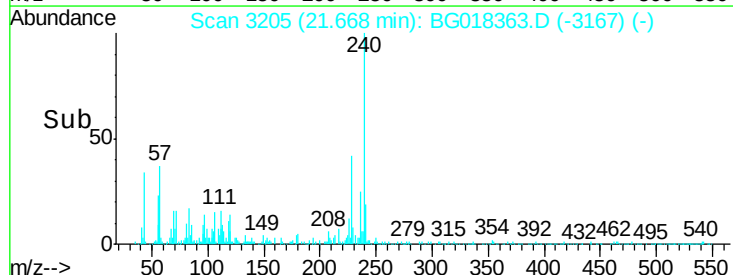
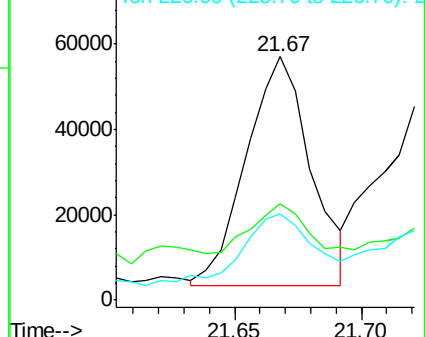
226 35.6 22.1 33.1#

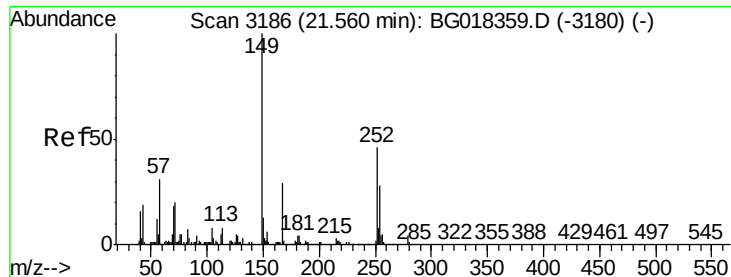


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 12.69 ng/ul

RT: 21.58 min Scan# 3190

Delta R.T. 0.02 min

Lab File: BG018363.D

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Instrument :

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C01T8

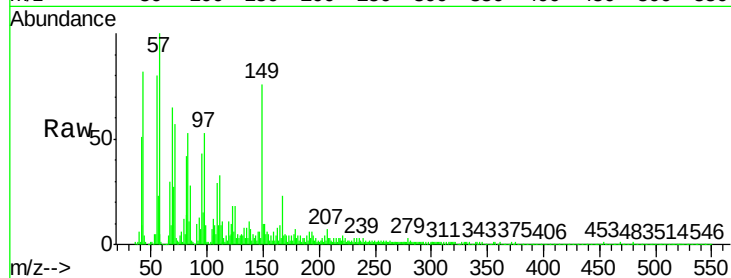
Tgt Ion:149 Resp: 388401

Ion Ratio Lower Upper

149 100

167 30.1 22.2 33.2

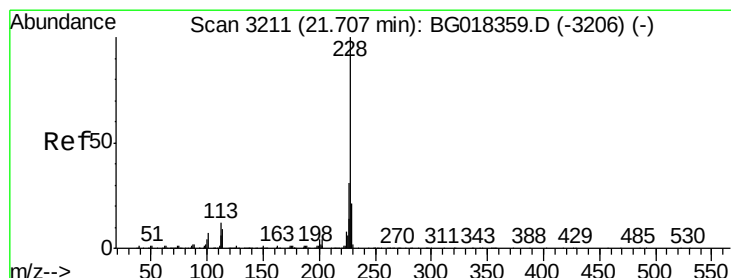
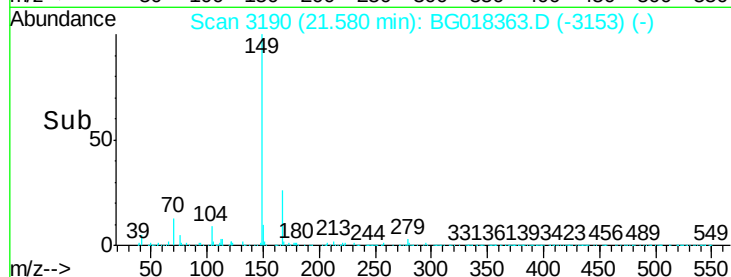
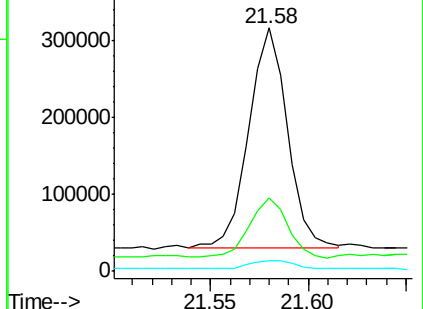
279 4.2 2.8 4.2



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: 2.54 ng/ul

RT: 21.73 min Scan# 3216

Delta R.T. 0.03 min

Lab File: BG018363.D

Acq: 10 Aug 2015 20:56

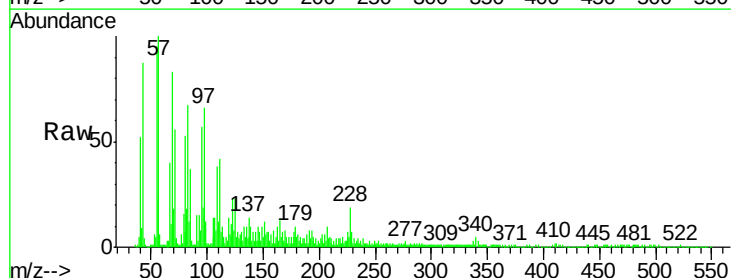
Tgt Ion:228 Resp: 111569

Ion Ratio Lower Upper

228 100

226 37.7 26.5 39.7

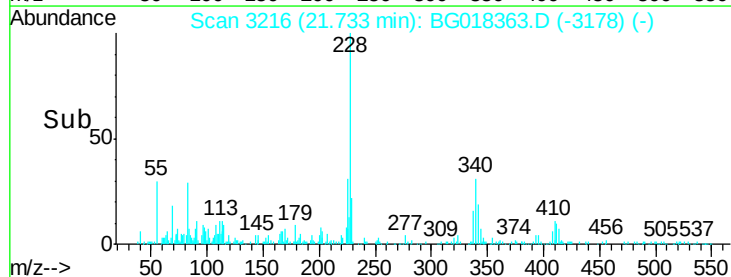
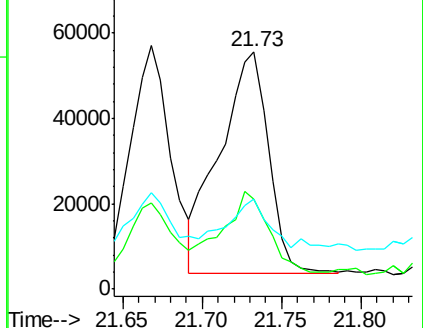
229 38.0 16.9 25.3#

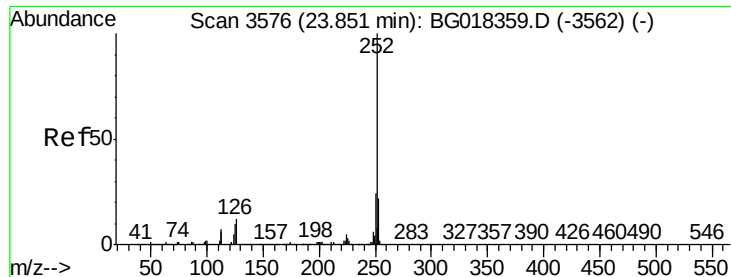


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 1.41 ng/ul

RT: 23.89 min Scan# 3584

Delta R.T. 0.04 min

Lab File: BG018363.D

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Instrument :

BNA_G

ClientSampleId :

C01T8

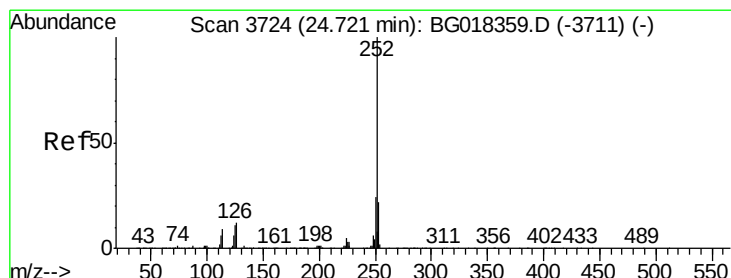
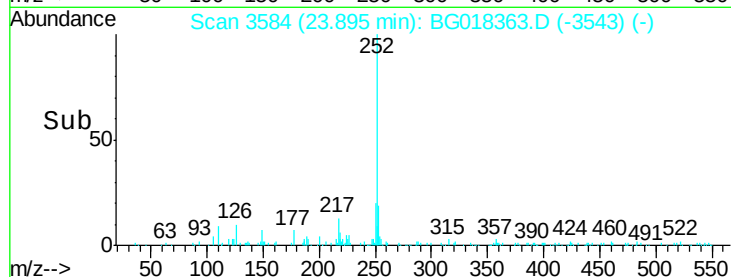
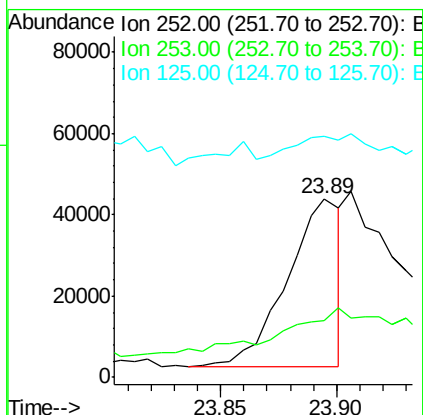
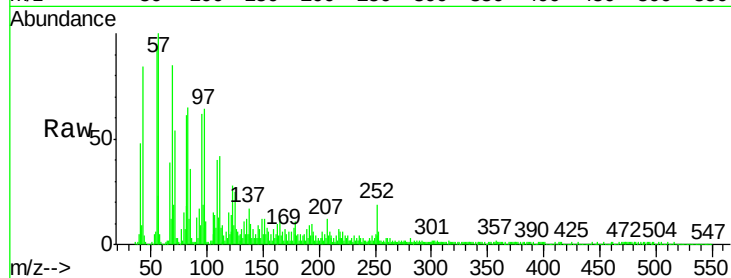
Tgt Ion:252 Resp: 66748

Ion Ratio Lower Upper

252 100

253 31.9 18.1 27.1#

125 134.8 8.3 12.5#



#91

Benzo(a)pyrene

Concen: 1.84 ng/ul

RT: 24.78 min Scan# 3734

Delta R.T. 0.06 min

Lab File: BG018363.D

Acq: 10 Aug 2015 20:56

Tgt Ion:252 Resp: 82993

Ion Ratio Lower Upper

252 100

253 36.6 17.7 26.5#

125 164.3 10.2 15.2#

