

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
 Data File : BG018391.D
 Acq On : 11 Aug 2015 21:14
 Operator : UM/MA
 Sample : G3154-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01Z1

Quant Time: Aug 12 01:03:10 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 12 00:54:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	138764	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	631644	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	367476	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	740844	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	648893	20.00	ng/ul	0.01
86) Perylene-d12	24.92	264	657932	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	9455	3.01	ng/uL	0.01
5) Phenol-d5	7.20	99	242429	19.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	143004	18.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	187475	19.44	ng/ul	0.01
13) 4-Methylphenol-d8	8.75	113	191294	18.08	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	94297	19.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	99984	19.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	198632	18.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	81335	6.76	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	531744	17.20	ng/ul	0.00
47) Acenaphthylene-d8	14.36	160	670519	17.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.86	143	86365	15.53	ng/ul	0.00
58) Fluorene-d10	15.66	176	438947	16.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.77	200	25826	7.09	ng/ul	0.00
71) Anthracene-d10	17.51	188	584741	16.50	ng/ul	0.00
79) Pyrene-d10	19.80	212	553424	16.44	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.69	264	493605	14.13	ng/ul	0.02

Target Compounds

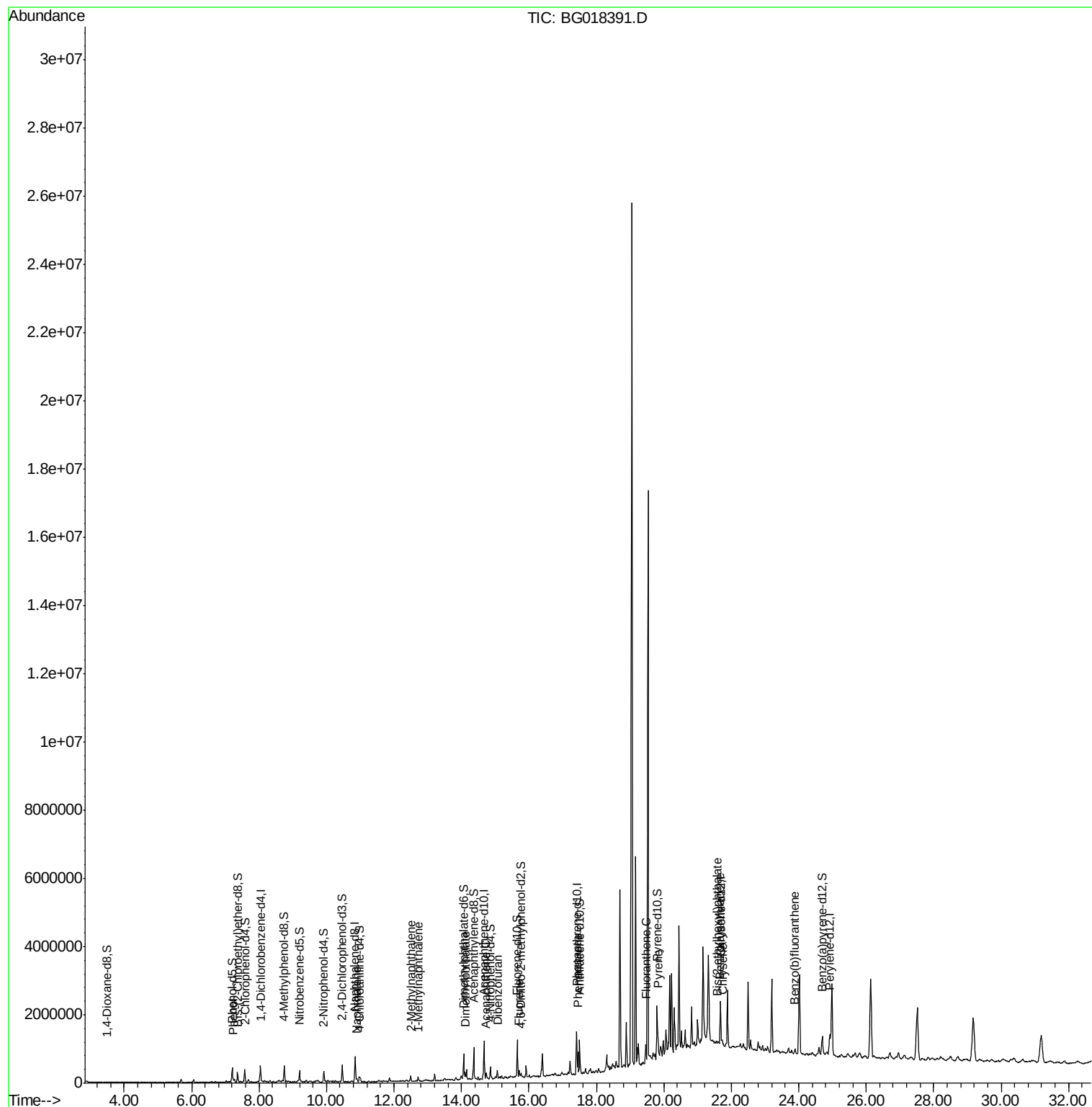
						Ovalue
6) Phenol	7.23	94	40937	3.19	ng/ul	95
28) Naphthalene	10.90	128	86679	2.60	ng/ul	99
34) 2-Methylnaphthalene	12.50	142	76172	3.15	ng/ul	94
35) 1-Methylnaphthalene	12.72	142	59197	2.51	ng/ul#	100
45) Dimethylphthalate	14.11	163	140558	4.61	ng/ul	99
50) Acenaphthene	14.73	153	79073	2.89	ng/ul	98
54) Dibenzofuran	15.06	168	81966	2.29	ng/ul	97
59) Fluorene	15.71	166	78351	2.54	ng/ul	97
70) Phenanthrene	17.45	178	382496	9.52	ng/ul	99
77) Fluoranthene	19.47	202	274708	6.40	ng/ul	98
80) Pyrene	19.83	202	240312	5.48	ng/ul	98
83) Benzo(a)anthracene	21.66	228	72103	1.79	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.57	149	40490	1.54	ng/ul#	95
85) Chrysene	21.73	228	85768	2.28	ng/ul	99
88) Benzo(b)fluoranthene	23.89	252	79149	1.91	ng/ul#	77

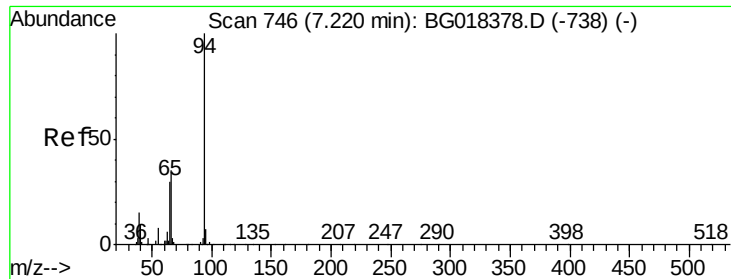
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 12 00:54:17 2015
Response via : Initial Calibration





#6

Phenol

Concen: 3.19 ng/ul

RT: 7.23 min Scan# 748

Delta R.T. 0.01 min

Lab File: BG018391.D

Acq: 11 Aug 2015 21:14

Instrument :

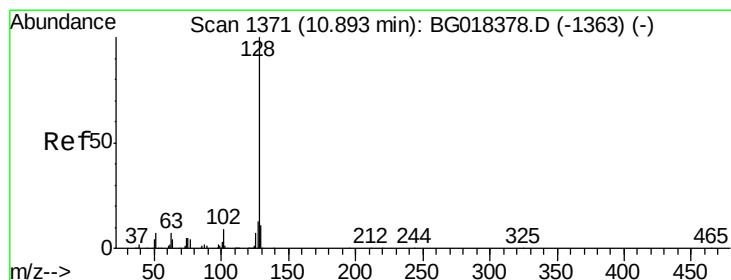
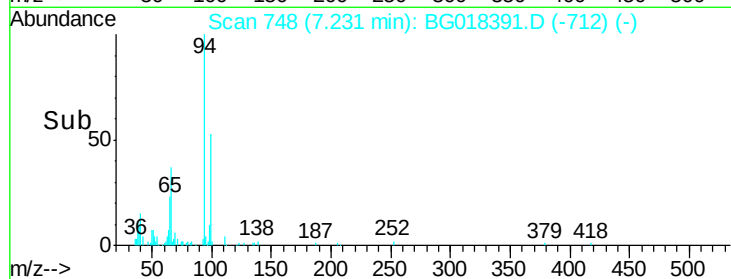
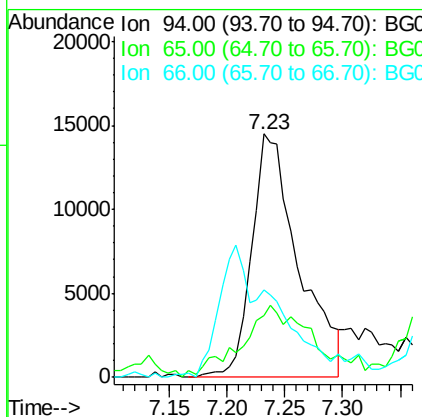
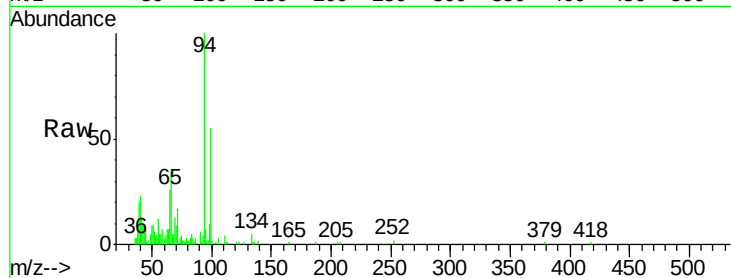
BNA_G

ClientSampleId :

C01Z1

Tot Ion: 94 Resp: 40937

Ion	Ratio	Lower	Upper
94	100		
65	25.6	23.0	34.6
66	36.1	31.0	46.4



#28

Naphthalene

Concen: 2.60 ng/ul

RT: 10.90 min Scan# 1372

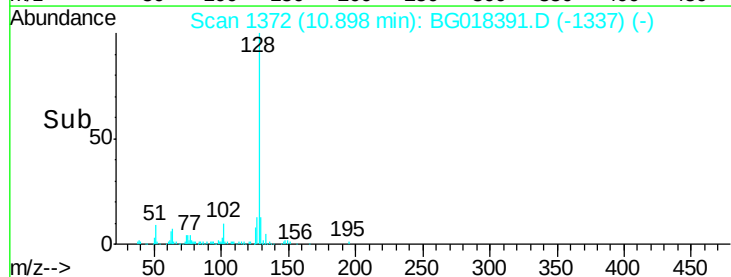
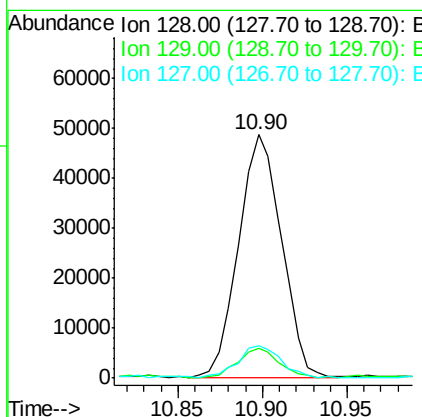
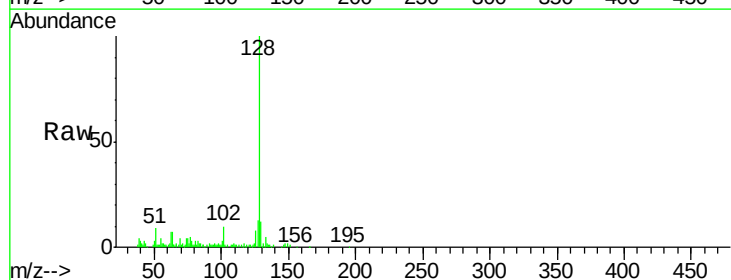
Delta R.T. 0.01 min

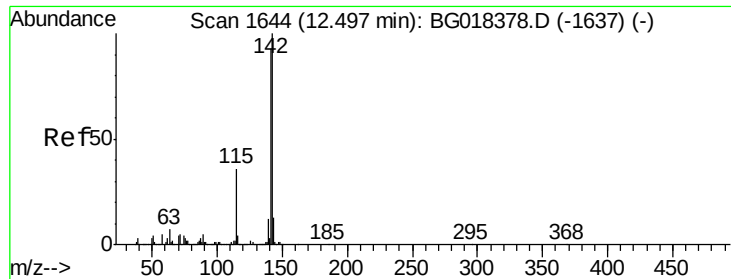
Lab File: BG018391.D

Acq: 11 Aug 2015 21:14

Tgt Ion: 128 Resp: 86679

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.6	14.4
127	13.3	10.5	15.7

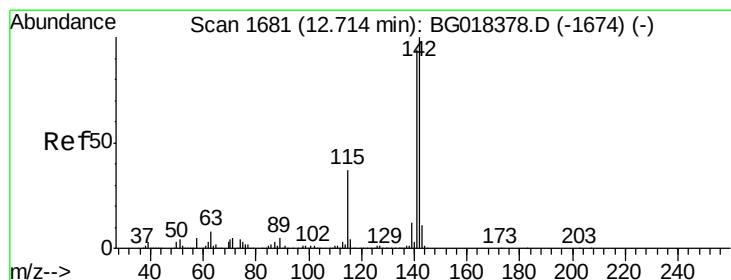
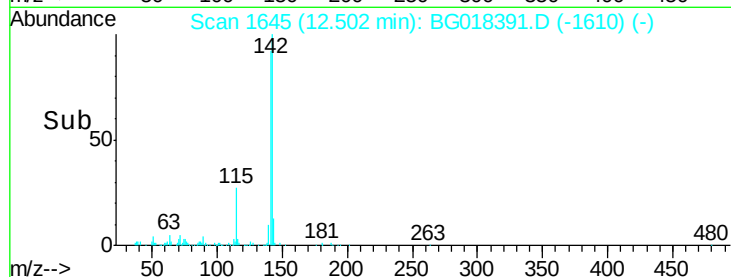
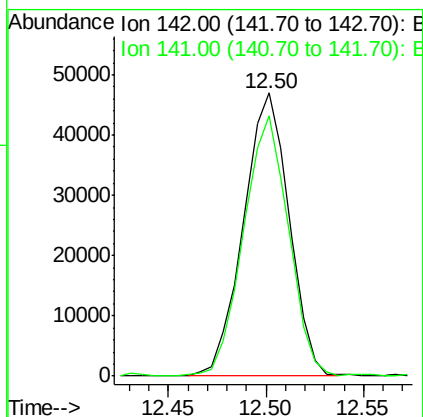
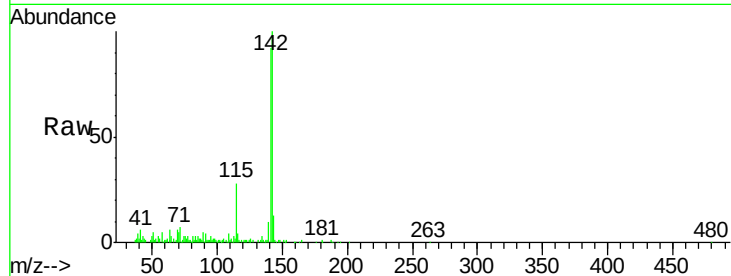




#34
2-Methylnaphthalene
Concen: 3.15 ng/ul
RT: 12.50 min Scan# 1645
Delta R.T. 0.01 min
Lab File: BG018391.D
Acq: 11 Aug 2015 21:14

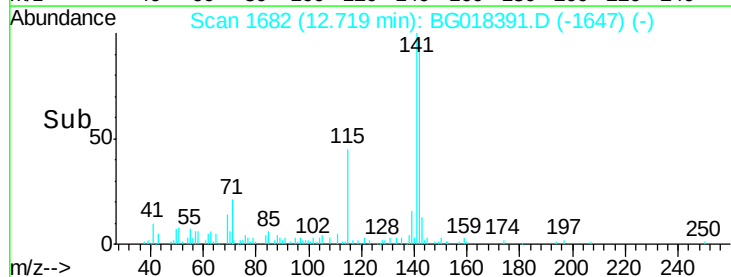
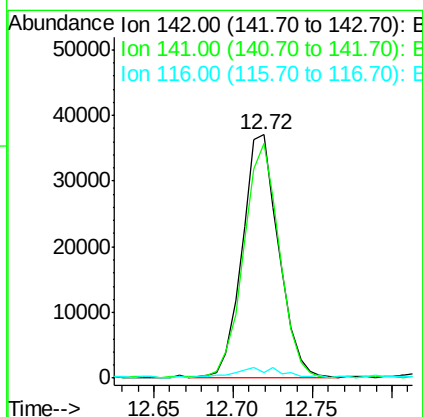
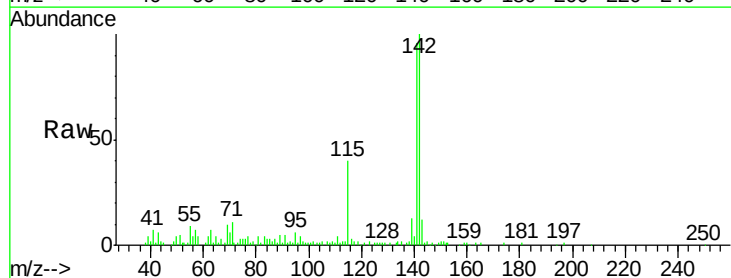
Instrument :
BNA_G
ClientSampleId :
C01Z1

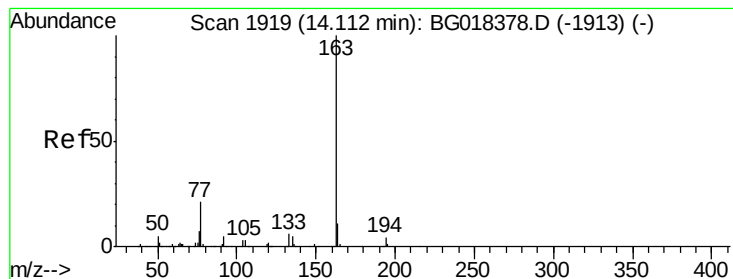
Tot Ion:142 Resp: 76172
Ion Ratio Lower Upper
142 100
141 91.8 78.0 117.0



#35
1-Methylnaphthalene
Concen: 2.51 ng/ul
RT: 12.72 min Scan# 1682
Delta R.T. 0.01 min
Lab File: BG018391.D
Acq: 11 Aug 2015 21:14

Tgt Ion:142 Resp: 59197
Ion Ratio Lower Upper
142 100
141 96.2 77.1 115.7
116 2.5 3.5 5.3#





#45

Dimethylphthalate

Concen: 4.61 ng/ul

RT: 14.11 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG018391.D

Acq: 11 Aug 2015 21:14

Instrument :

BNA_G

ClientSampleId :

C01Z1

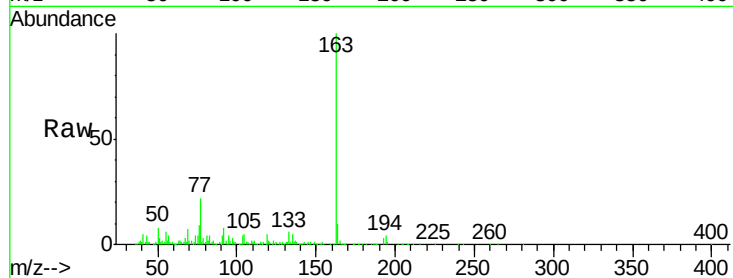
Tot Ion:163 Resp: 140558

Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

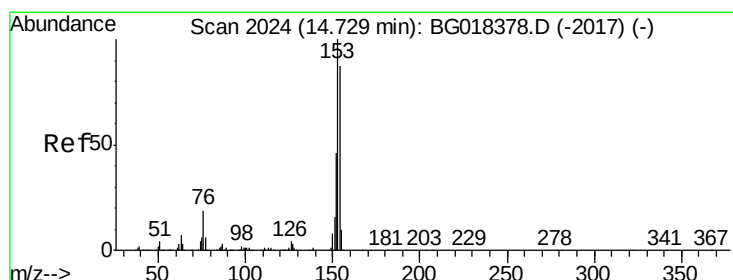
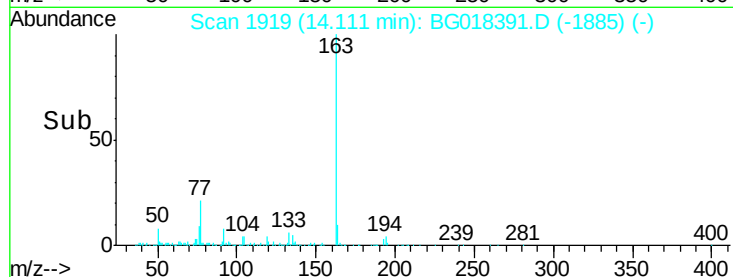
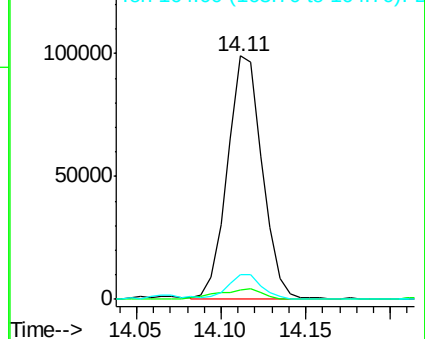
164 9.9 7.7 11.5



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



#50

Acenaphthene

Concen: 2.89 ng/ul

RT: 14.73 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BG018391.D

Acq: 11 Aug 2015 21:14

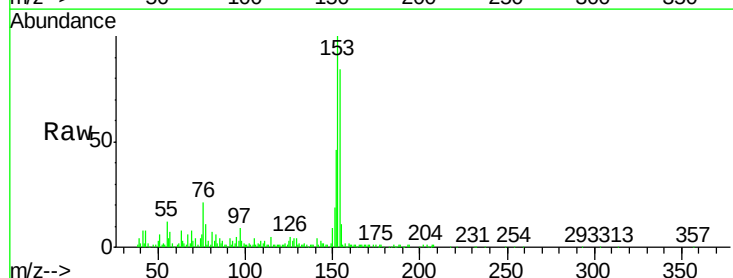
Tgt Ion:153 Resp: 79073

Ion Ratio Lower Upper

153 100

152 46.4 38.2 57.4

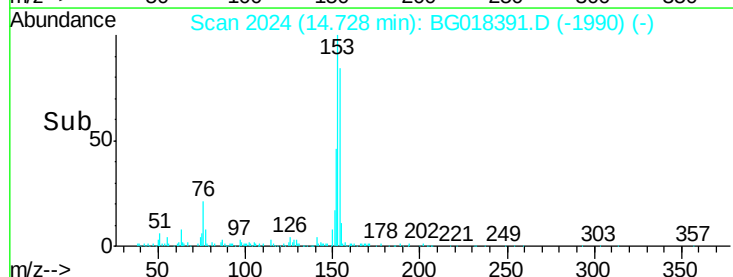
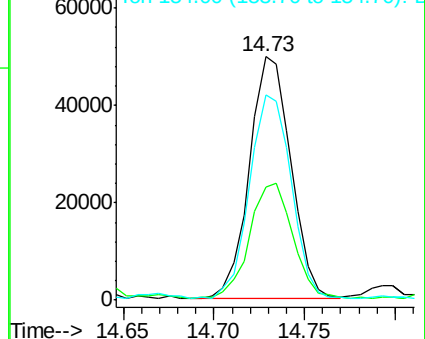
154 84.4 68.6 103.0

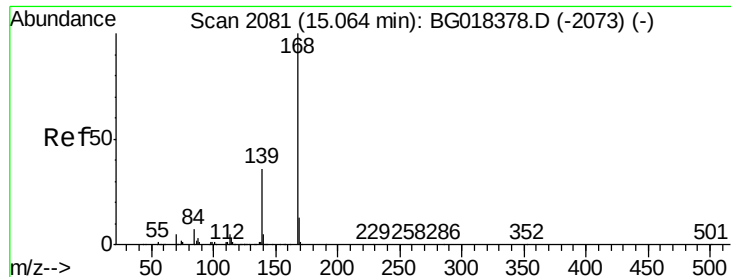


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 2.29 ng/ul

RT: 15.06 min Scan# 2081

Delta R.T. -0.00 min

Lab File: BG018391.D

Acq: 11 Aug 2015 21:14

Instrument :

BNA_G

ClientSampleId :

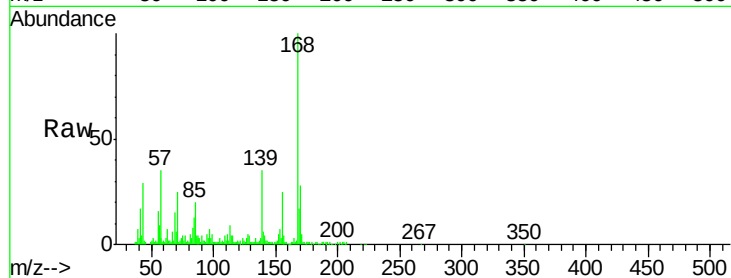
C01Z1

Tot Ion:168 Resp: 81966

Ion Ratio Lower Upper

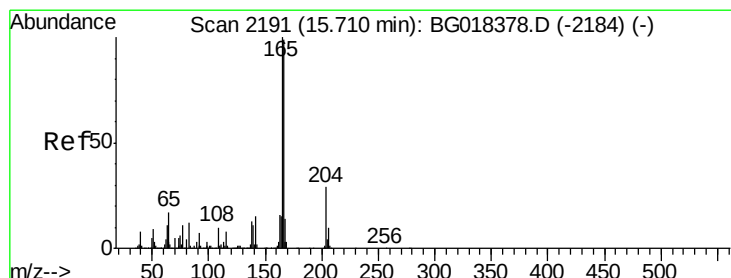
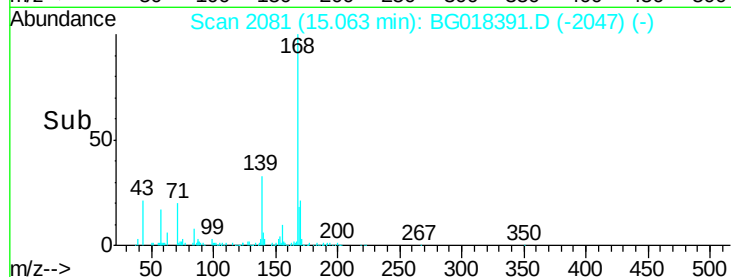
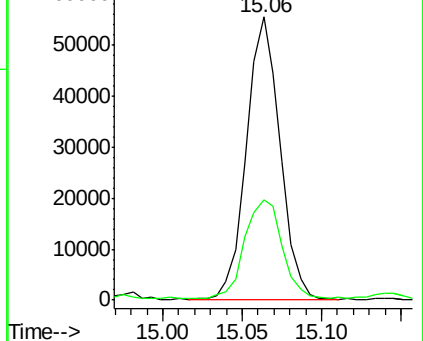
168 100

139 35.5 29.7 44.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 2.54 ng/ul

RT: 15.71 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BG018391.D

Acq: 11 Aug 2015 21:14

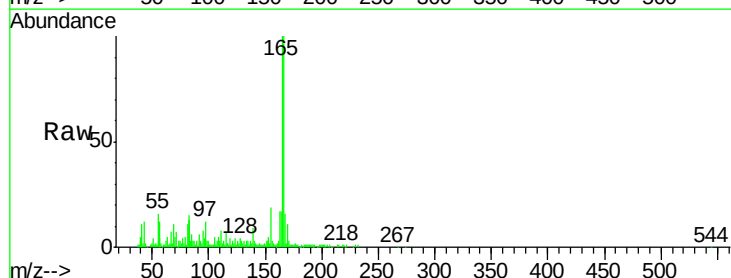
Tgt Ion:166 Resp: 78351

Ion Ratio Lower Upper

166 100

165 100.2 82.6 124.0

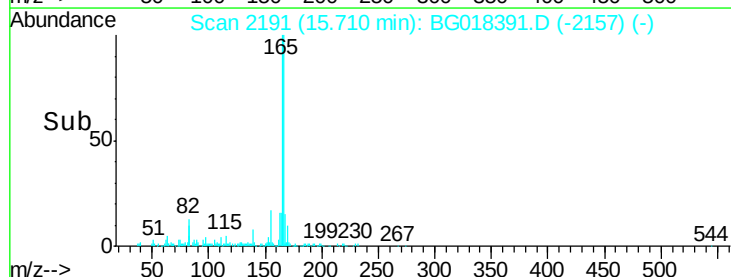
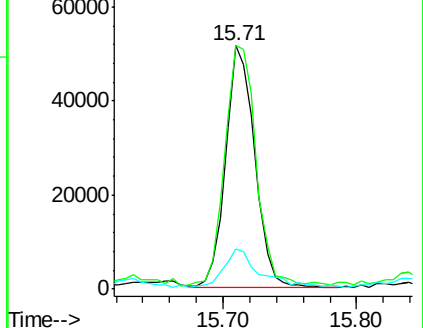
167 16.4 11.4 17.0

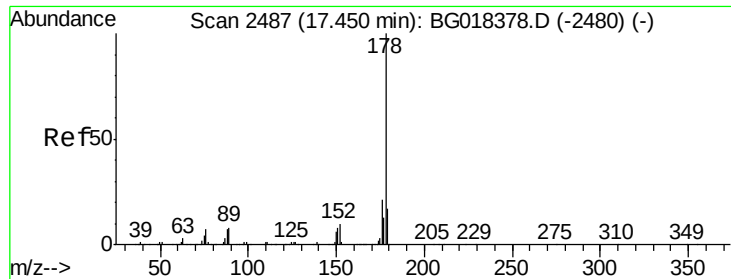


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 9.52 ng/ul

RT: 17.45 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BG018391.D

Acq: 11 Aug 2015 21:14

Instrument :

BNA_G

ClientSampleId :

C01Z1

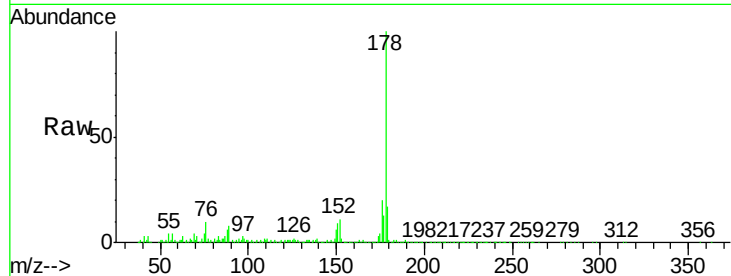
Tot Ion:178 Resp: 382496

Ion Ratio Lower Upper

178 100

179 17.5 13.7 20.5

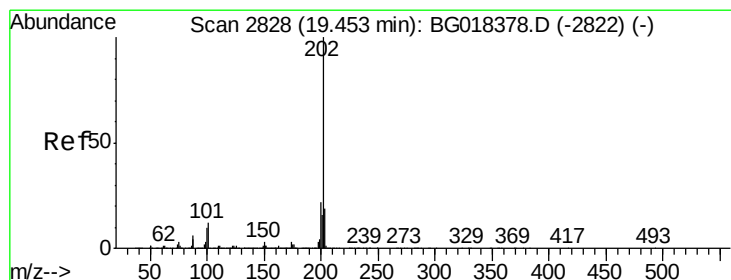
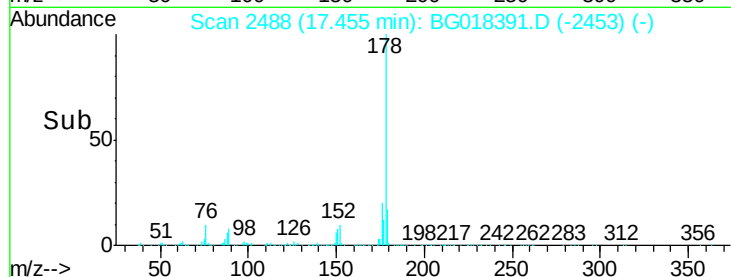
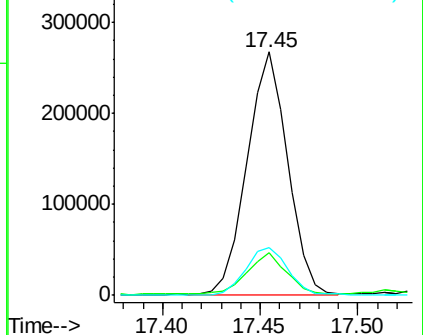
176 19.8 16.6 24.8



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



#77

Fluoranthene

Concen: 6.40 ng/ul

RT: 19.47 min Scan# 2831

Delta R.T. 0.02 min

Lab File: BG018391.D

Acq: 11 Aug 2015 21:14

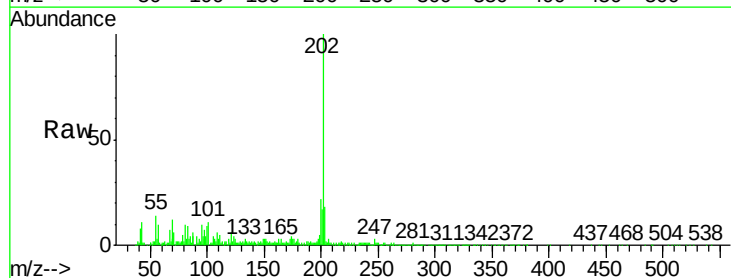
Tgt Ion:202 Resp: 274708

Ion Ratio Lower Upper

202 100

101 11.3 9.7 14.5

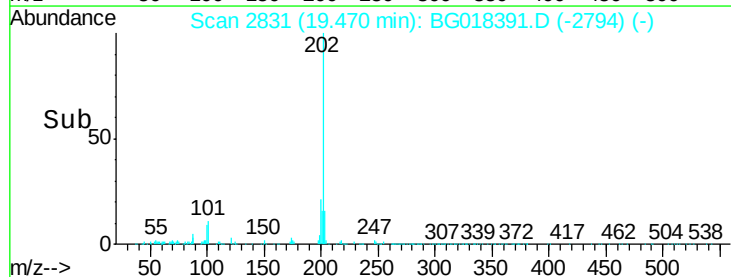
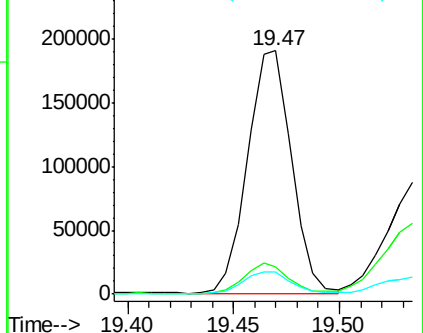
100 8.9 7.8 11.8

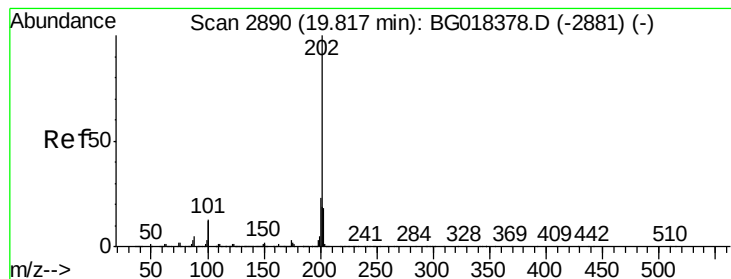


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pvrene

Concen: 5.48 ng/ul

RT: 19.83 min Scan# 2892

Delta R.T. 0.01 min

Lab File: BG018391.D

Acq: 11 Aug 2015 21:14

Instrument :

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C01Z1

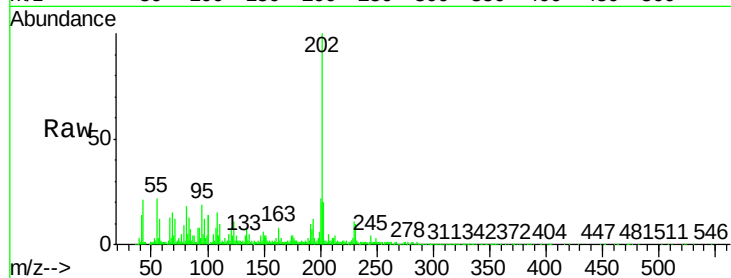
Tot Ion:202 Resp: 240312

Ion Ratio Lower Upper

202 100

101 13.9 11.0 16.4

100 13.6 9.8 14.6

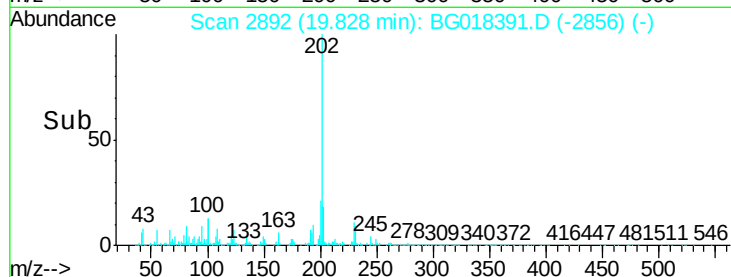


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



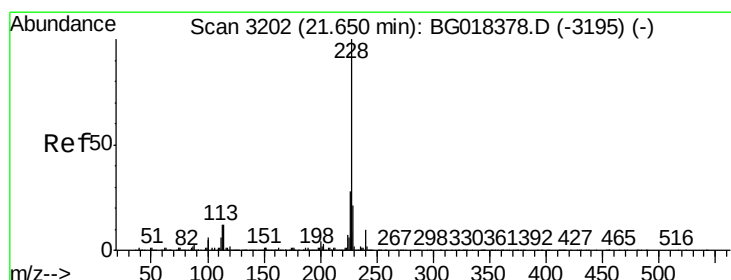
Abundance

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): E

Time-->



#83

Benzo(a)anthracene

Concen: 1.79 ng/ul

RT: 21.66 min Scan# 3204

Delta R.T. 0.01 min

Lab File: BG018391.D

Acq: 11 Aug 2015 21:14

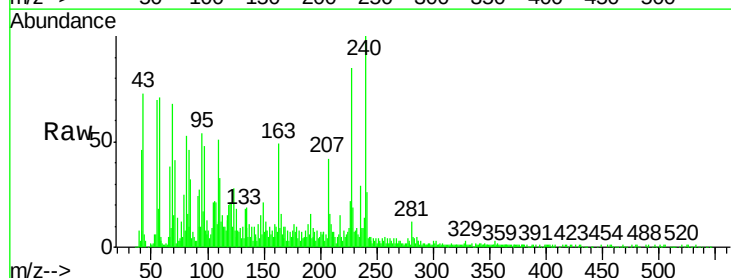
Tgt Ion:228 Resp: 72103

Ion Ratio Lower Upper

228 100

229 22.5 15.5 23.3

226 26.5 22.1 33.1

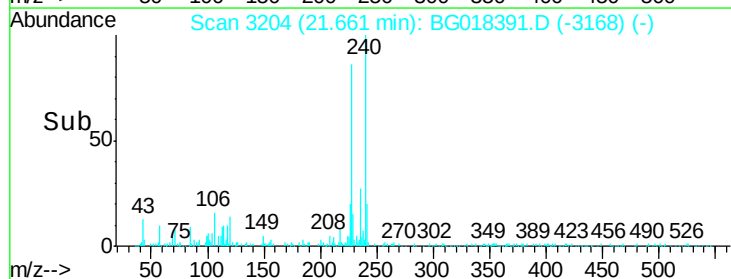


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->



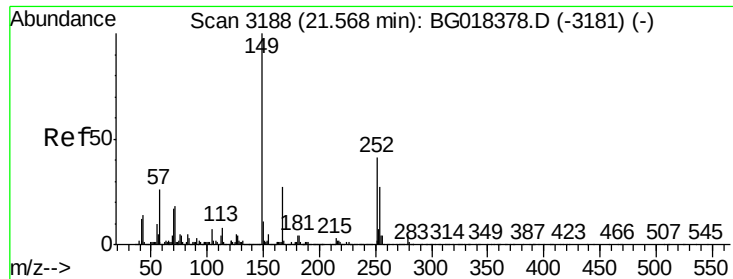
Abundance

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

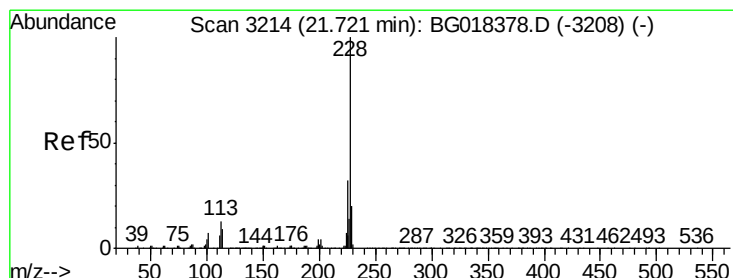
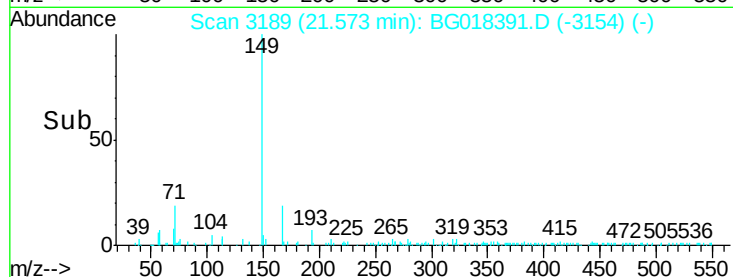
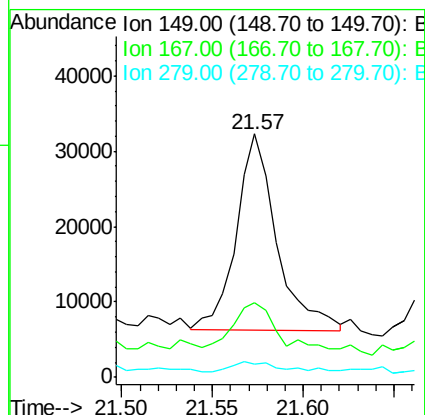
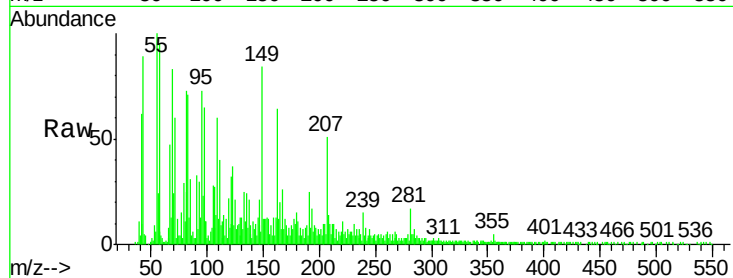
Time-->



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.54 ng/ul
 RT: 21.57 min Scan# 3189
 Delta R.T. 0.01 min
 Lab File: BG018391.D
 Acq: 11 Aug 2015 21:14

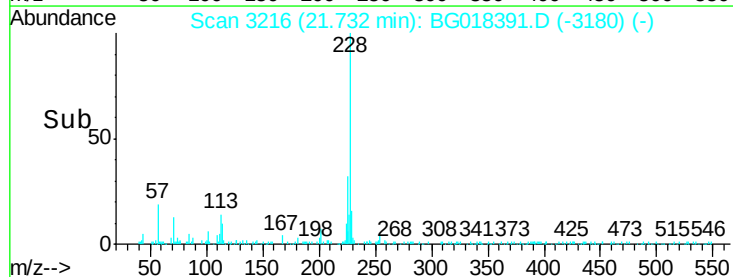
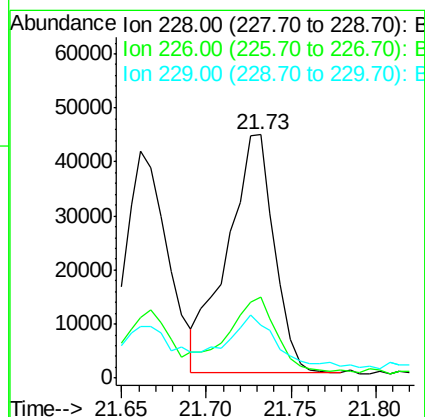
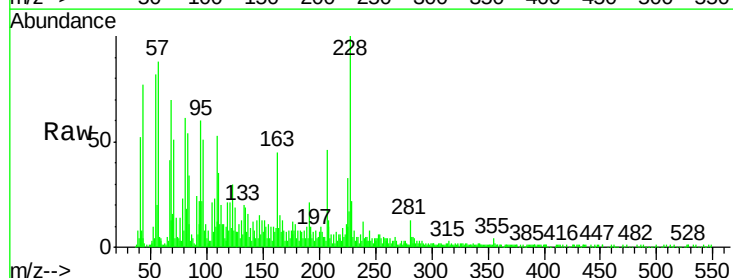
Instrument :
 BNA_G
 ClientSampleId :
 C01Z1

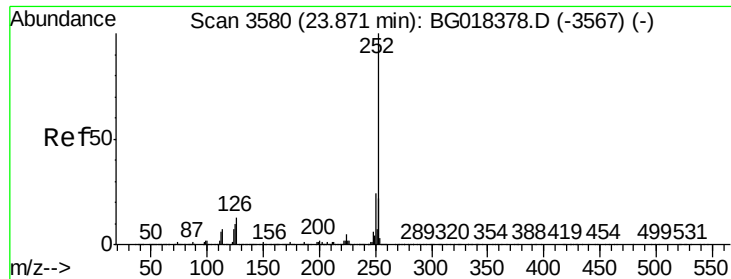
Tot Ion:149 Resp: 40490
 Ion Ratio Lower Upper
 149 100
 167 30.4 22.2 33.2
 279 5.5 2.8 4.2#



#85
 Chrysene
 Concen: 2.28 ng/ul
 RT: 21.73 min Scan# 3216
 Delta R.T. 0.01 min
 Lab File: BG018391.D
 Acq: 11 Aug 2015 21:14

Tgt Ion:228 Resp: 85768
 Ion Ratio Lower Upper
 228 100
 226 33.3 26.5 39.7
 229 21.6 16.9 25.3





#88

Benzo(b)fluoranthene

Concen: 1.91 ng/ul

RT: 23.89 min Scan# 3584

Delta R.T. 0.02 min

Lab File: BG018391.D

Acq: 11 Aug 2015 21:14

Instrument :

BNA_G

ClientSampleId :

C01Z1

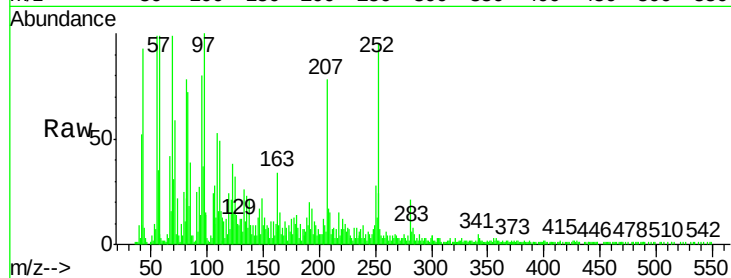
Tot Ion:252 Resp: 79149

Ion Ratio Lower Upper

252 100

253 25.2 18.1 27.1

125 33.4 8.3 12.5#



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

