

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080615\
 Data File : BG018303.D
 Acq On : 6 Aug 2015 14:09
 Operator : UM/TP
 Sample : G3109-12DL 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8DL

Quant Time: Aug 07 01:34:16 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 07 01:32:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	25873	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	117017	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	78233	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	152536	20.00	ng/ul	-0.01
78) Chrysene-d12	21.09	240	89027	20.00	ng/ul	-0.01
86) Perylene-d12	23.26	264	93796	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.74	96	121	0.40	ng/uL	-0.16
5) Phenol-d5	6.64	99	1750	0.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	1026	1.04	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	1846	1.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	1055	0.61	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	950	1.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	916	0.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	2068	1.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	1030	0.45	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	6582	1.09	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	7788	1.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	551	0.55	ng/ul	0.00
58) Fluorene-d10	15.12	176	6424	1.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	189	0.18	ng/ul	0.03
71) Anthracene-d10	16.97	188	8969	1.34	ng/ul	0.00
79) Pyrene-d10	19.29	212	5779	1.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	93031	19.06	ng/ul	0.12

Target Compounds

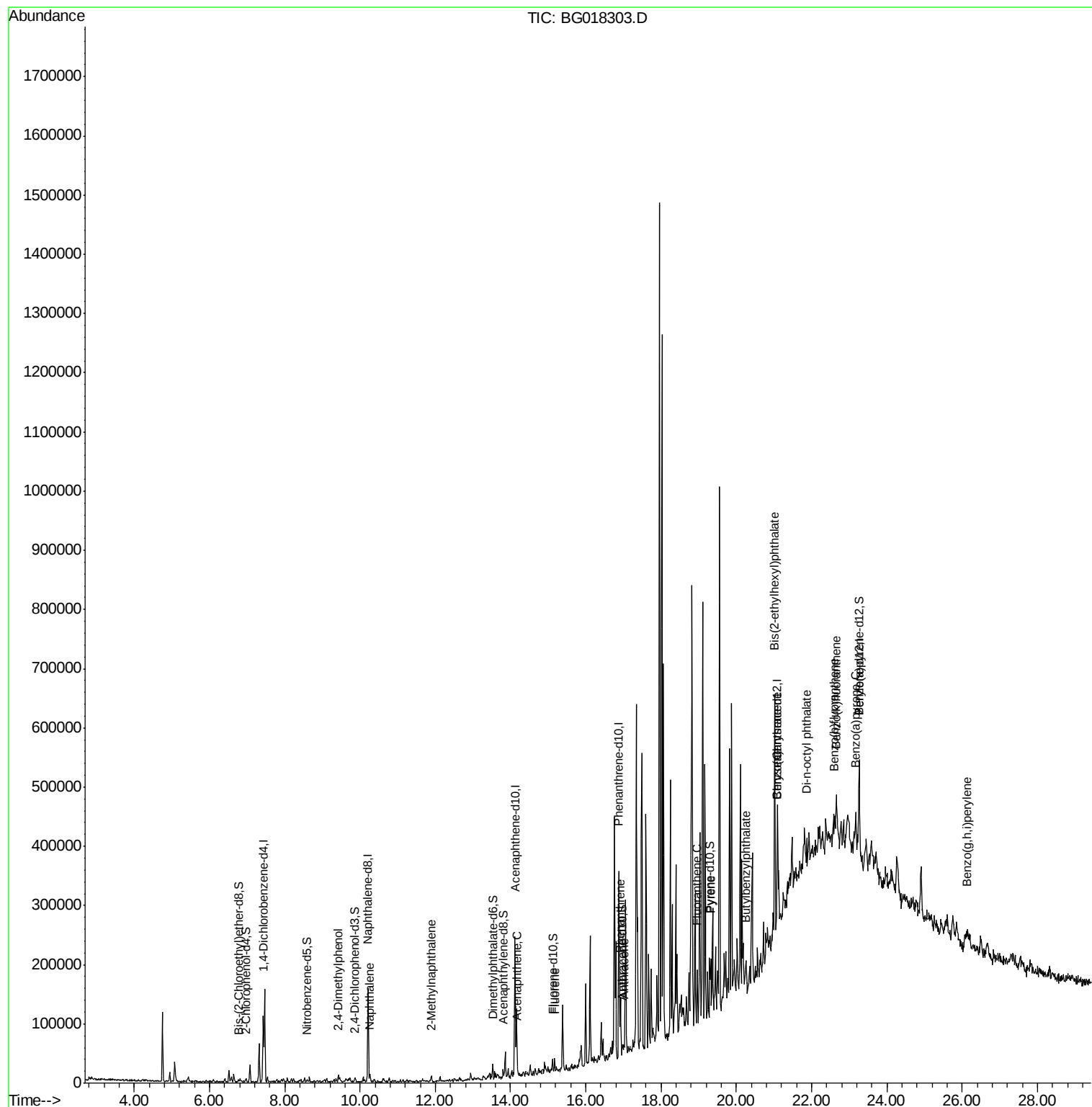
						Qvalue
24) 2,4-Dimethylphenol	9.42	107	3132	1.33	ng/ul#	87
28) Naphthalene	10.27	128	8711	1.58	ng/ul#	87
34) 2-Methylnaphthalene	11.89	142	4820	1.09	ng/ul#	81
50) Acenaphthene	14.18	153	5908	1.29	ng/ul#	87
59) Fluorene	15.17	166	7421	1.26	ng/ul#	94
70) Phenanthrene	16.92	178	45631	5.93	ng/ul	97
72) Anthracene	17.01	178	12593	1.64	ng/ul	97
77) Fluoranthene	18.95	202	45624	5.34	ng/ul#	94
80) Pyrene	19.32	202	36921	5.96	ng/ul#	97
81) Butylbenzylphthalate	20.23	149	3124	1.30	ng/ul#	56
83) Benzo(a)anthracene	21.08	228	11196	2.38	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.02	149	118108	40.88	ng/ul	95
85) Chrysene	21.08	228	11246	2.66	ng/ul	96
87) Di-n-octyl phthalate	21.87	149	18056	2.92	ng/ul	100
88) Benzo(b)fluoranthene	22.61	252	16293	2.83	ng/ul#	81
89) Benzo(k)fluoranthene	22.65	252	6153	1.12	ng/ul#	30
91) Benzo(a)pyrene	23.17	252	11649	2.32	ng/ul#	76
94) Benzo(g,h,i)perylene	26.12	276	5646	1.12	ng/ul#	74

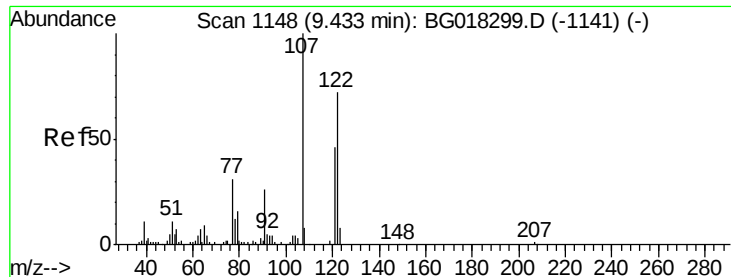
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 07 01:32:43 2015
Response via : Initial Calibration

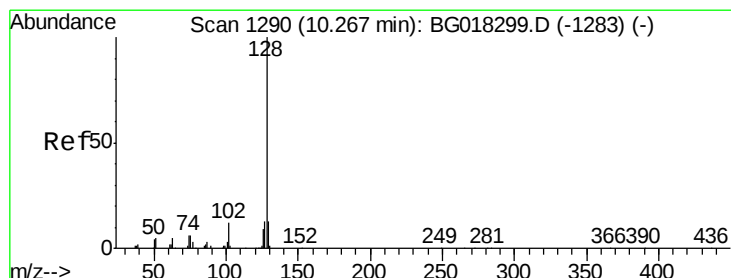
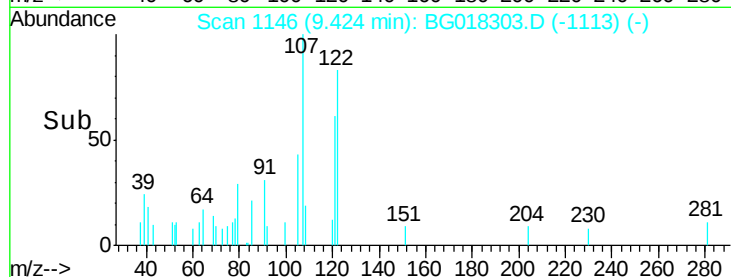
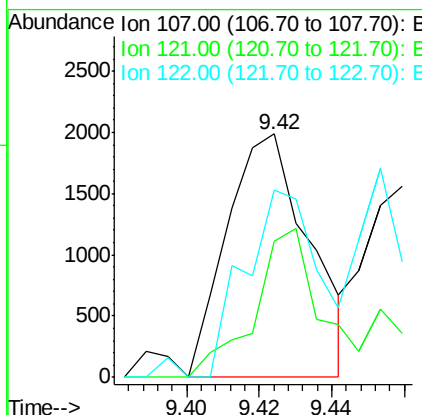
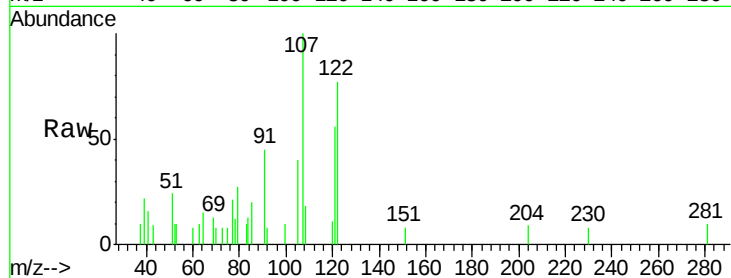




#24
2,4-Dimethylphenol
Concen: 1.33 ng/ul
RT: 9.42 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BG018303.D
Acq: 6 Aug 2015 14:09

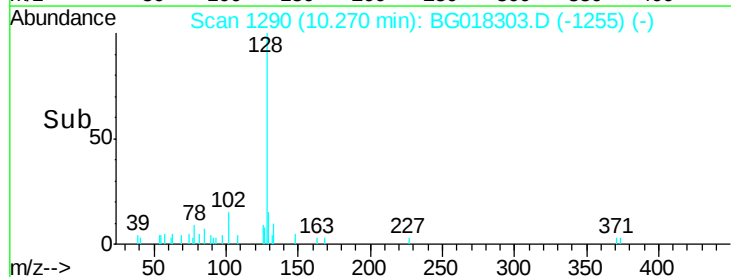
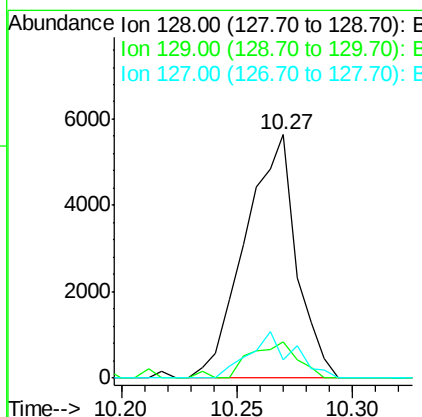
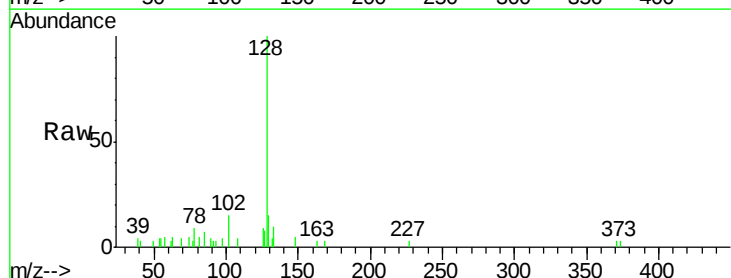
Instrument :
BNA_G
ClientSampled :
C01P8DL

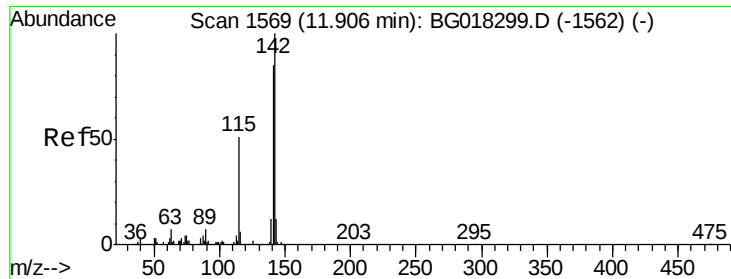
Tgt Ion:107 Resp: 3132
Ion Ratio Lower Upper
107 100
121 56.0 34.8 52.2#
122 77.0 55.5 83.3



#28
Naphthalene
Concen: 1.58 ng/ul
RT: 10.27 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BG018303.D
Acq: 6 Aug 2015 14:09

Tgt Ion:128 Resp: 8711
Ion Ratio Lower Upper
128 100
129 14.7 7.8 11.6#
127 7.7 10.2 15.4#

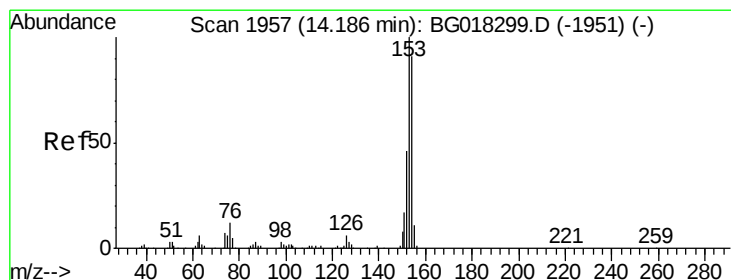
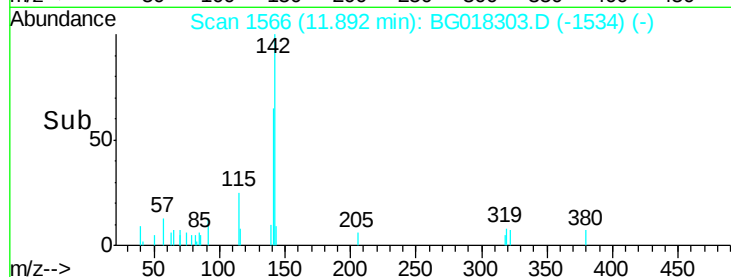
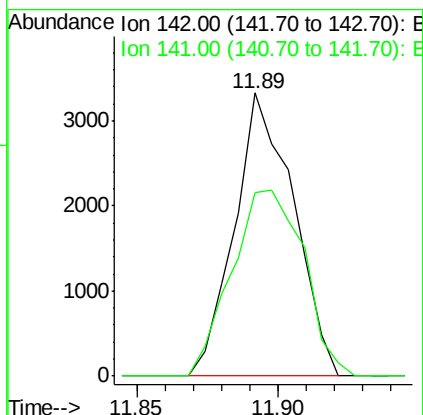
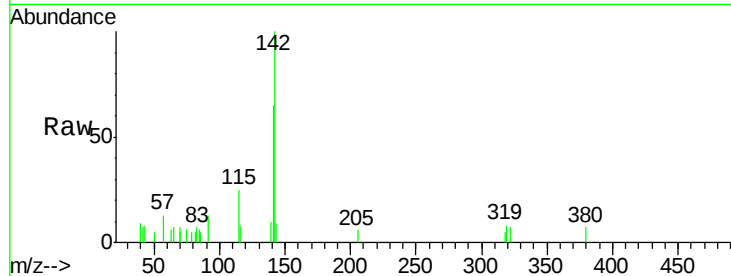




#34
 2-Methylnaphthalene
 Concen: 1.09 ng/ul
 RT: 11.89 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BG018303.D
 Acq: 6 Aug 2015 14:09

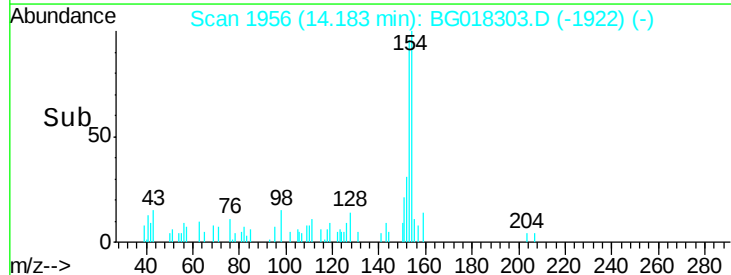
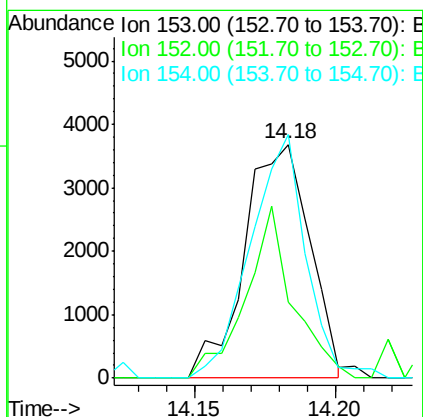
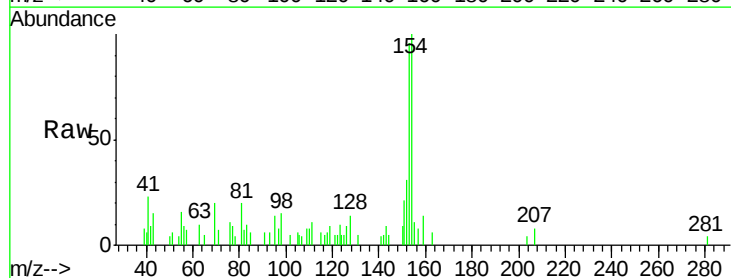
Instrument :
 BNA_G
 ClientSampleId :
 C01P8DL

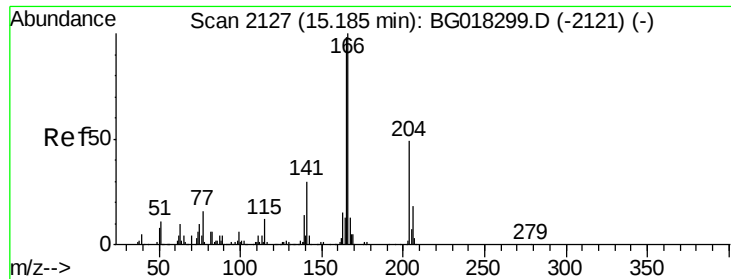
Tgt Ion:142 Resp: 4820
 Ion Ratio Lower Upper
 142 100
 141 64.9 65.9 98.9#



#50
 Acenaphthene
 Concen: 1.29 ng/ul
 RT: 14.18 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG018303.D
 Acq: 6 Aug 2015 14:09

Tgt Ion:153 Resp: 5908
 Ion Ratio Lower Upper
 153 100
 152 32.7 39.0 58.4#
 154 104.3 77.4 116.2

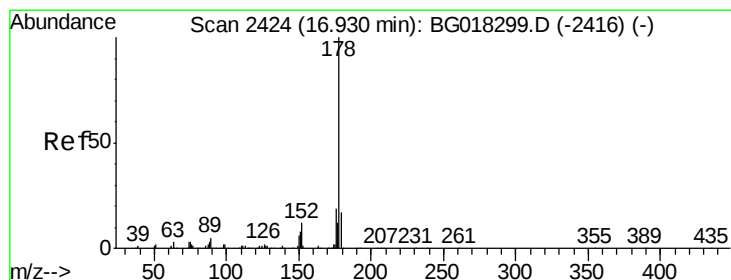
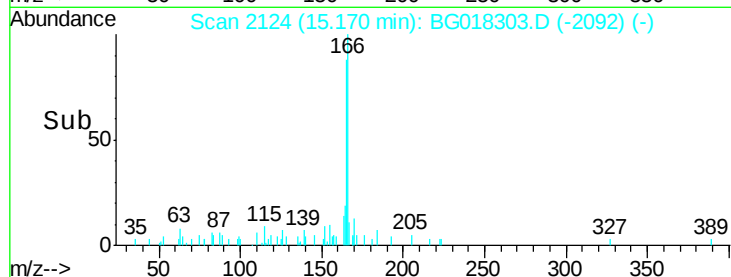
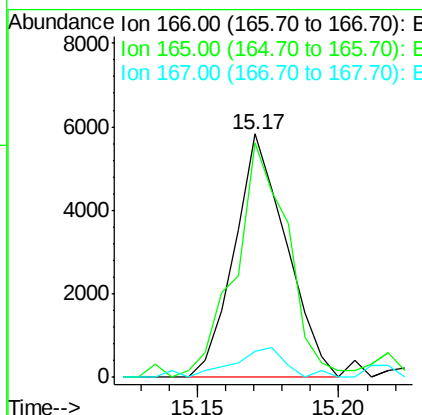
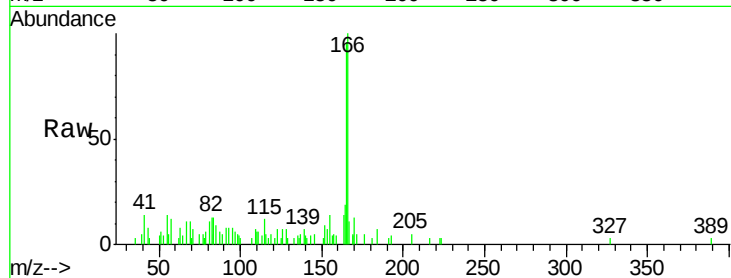




#59
 Fluorene
 Concen: 1.26 ng/ul
 RT: 15.17 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BG018303.D
 Acq: 6 Aug 2015 14:09

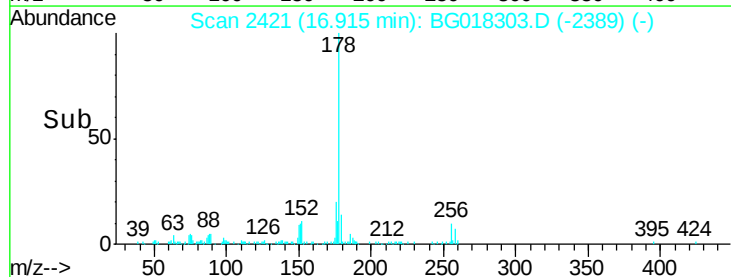
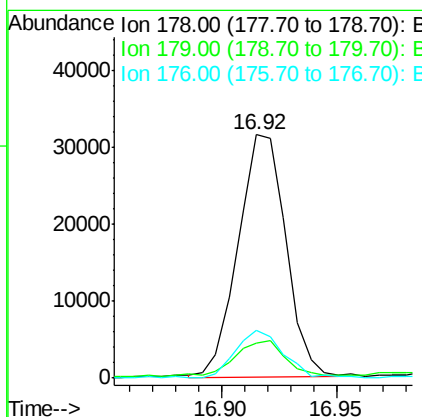
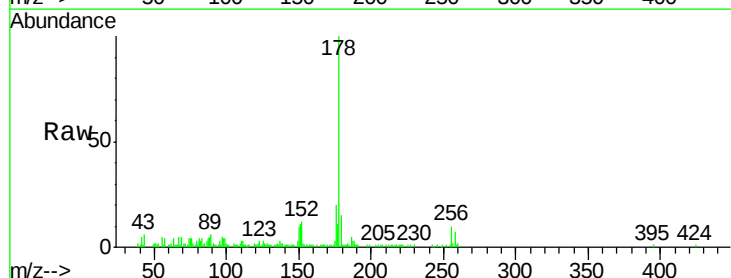
Instrument :
 BNA_G
 ClientSampleId :
 C01P8DL

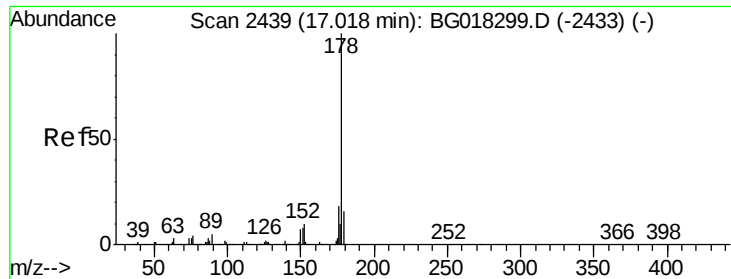
Tgt Ion:166 Resp: 7421
 Ion Ratio Lower Upper
 166 100
 165 96.2 72.4 108.6
 167 10.8 11.4 17.0#



#70
 Phenanthrene
 Concen: 5.93 ng/ul
 RT: 16.92 min Scan# 2421
 Delta R.T. -0.01 min
 Lab File: BG018303.D
 Acq: 6 Aug 2015 14:09

Tgt Ion:178 Resp: 45631
 Ion Ratio Lower Upper
 178 100
 179 14.5 12.2 18.4
 176 19.6 14.5 21.7





#72

Anthracene

Concen: 1.64 ng/ul

RT: 17.01 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG018303.D

Acq: 6 Aug 2015 14:09

Instrument :

BNA_G

ClientSampleId :

C01P8DL

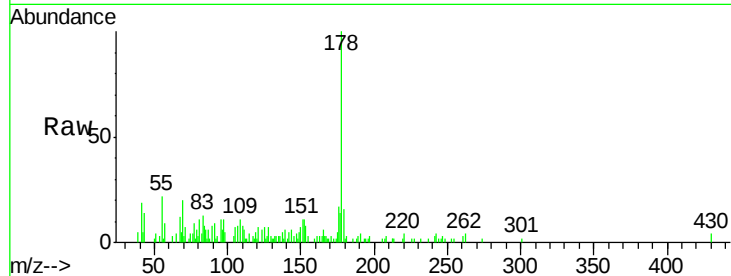
Tgt Ion:178 Resp: 12593

Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.4

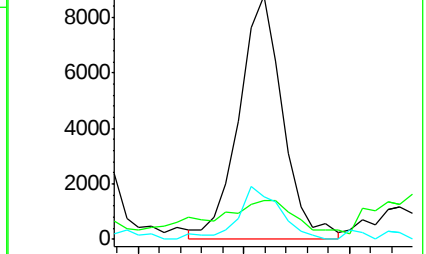
176 17.3 15.3 22.9



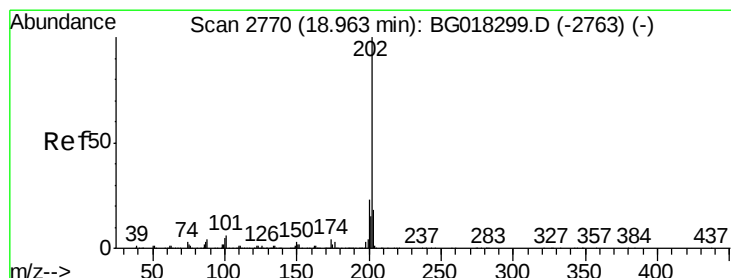
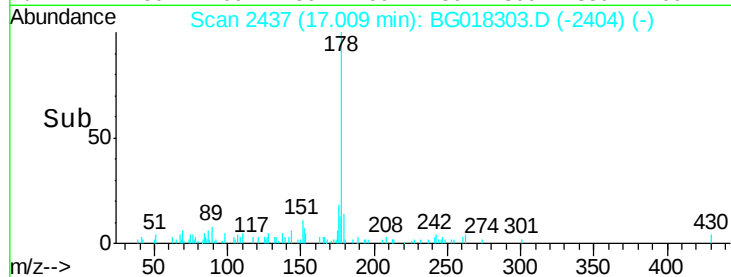
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#77

Fluoranthene

Concen: 5.34 ng/ul

RT: 18.95 min Scan# 2768

Delta R.T. -0.01 min

Lab File: BG018303.D

Acq: 6 Aug 2015 14:09

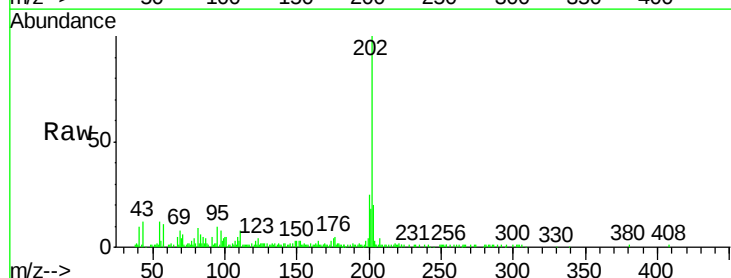
Tgt Ion:202 Resp: 45624

Ion Ratio Lower Upper

202 100

101 4.6 6.2 9.2#

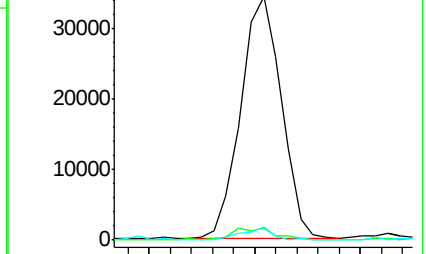
100 5.2 4.6 6.8



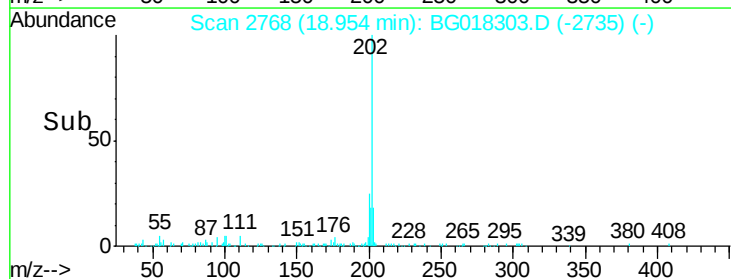
Abundance Ion 202.00 (201.70 to 202.70): E

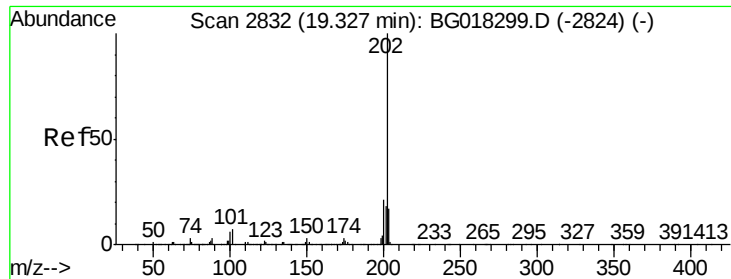
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->

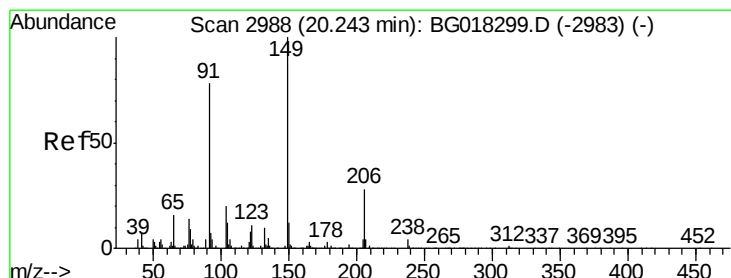
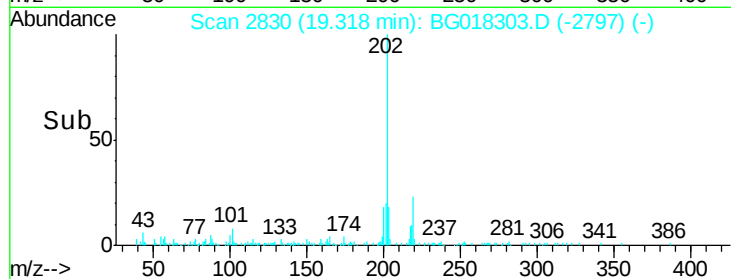
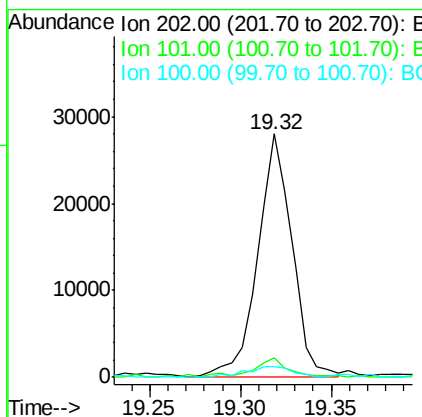
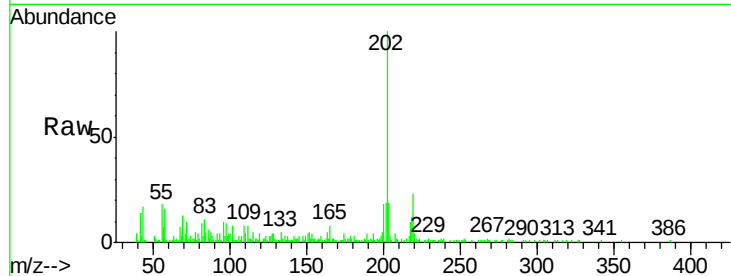




#80
 Pyrene
 Concen: 5.96 ng/ul
 RT: 19.32 min Scan# 2830
 Delta R.T. -0.01 min
 Lab File: BG018303.D
 Acq: 6 Aug 2015 14:09

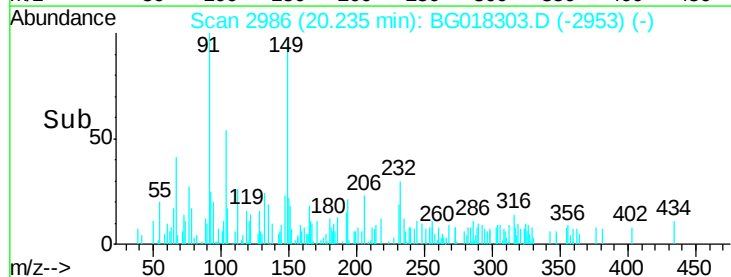
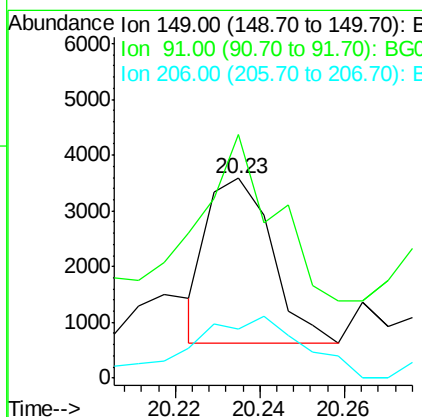
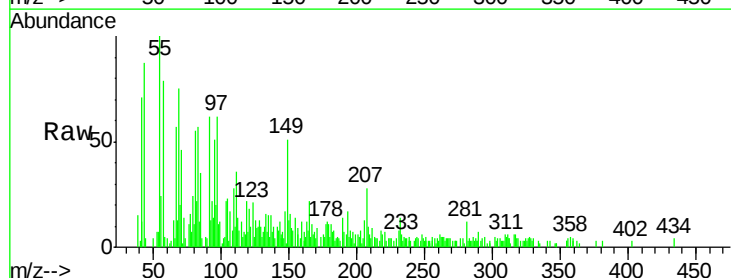
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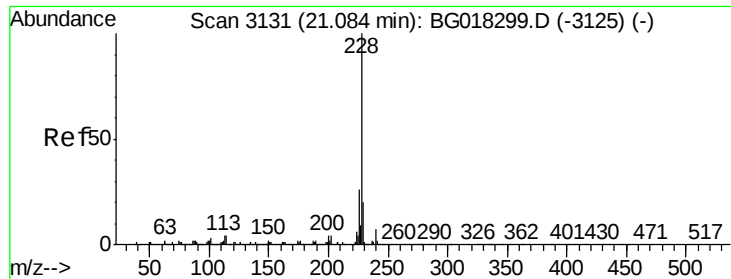
Tgt Ion:	202	Resp:	36921
Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.2	9.2
100	4.4	4.6	7.0#



#81
 Butylbenzylphthalate
 Concen: 1.30 ng/ul
 RT: 20.23 min Scan# 2986
 Delta R.T. -0.01 min
 Lab File: BG018303.D
 Acq: 6 Aug 2015 14:09

Tgt Ion:	149	Resp:	3124
Ion	Ratio	Lower	Upper
149	100		
91	121.8	58.2	87.2#
206	24.8	19.9	29.9





#83

Benzo(a)anthracene

Concen: 2.38 ng/ul

RT: 21.08 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BG018303.D

Acq: 6 Aug 2015 14:09

Instrument :

BNA_G

ClientSampleId :

C01P8DL

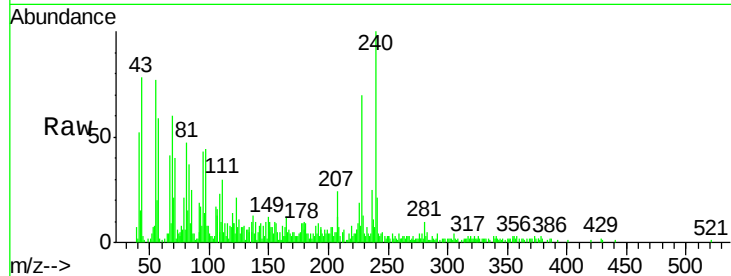
Tgt Ion:228 Resp: 11196

Ion Ratio Lower Upper

228 100

229 18.0 16.3 24.5

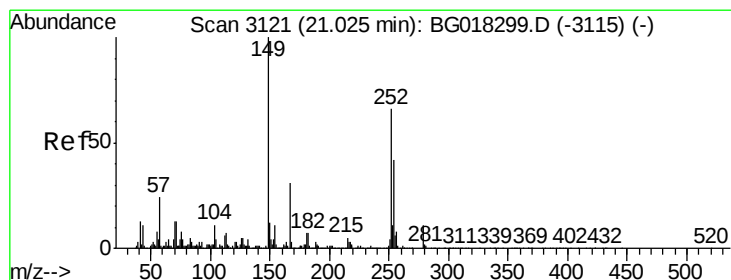
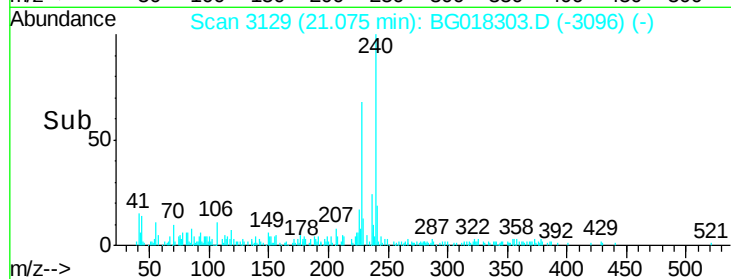
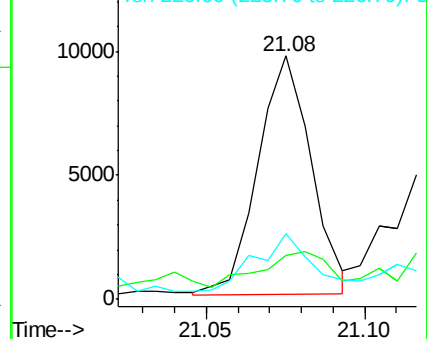
226 26.7 21.2 31.8



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: 40.88 ng/ul

RT: 21.02 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BG018303.D

Acq: 6 Aug 2015 14:09

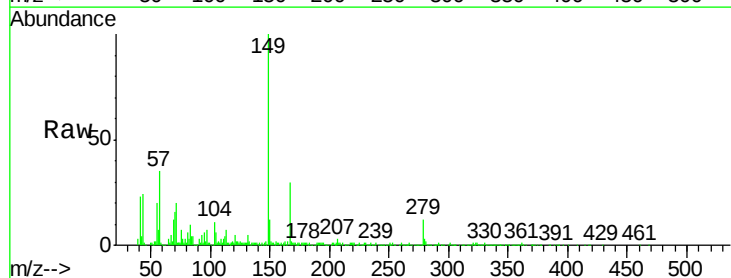
Tgt Ion:149 Resp: 118108

Ion Ratio Lower Upper

149 100

167 29.9 26.4 39.6

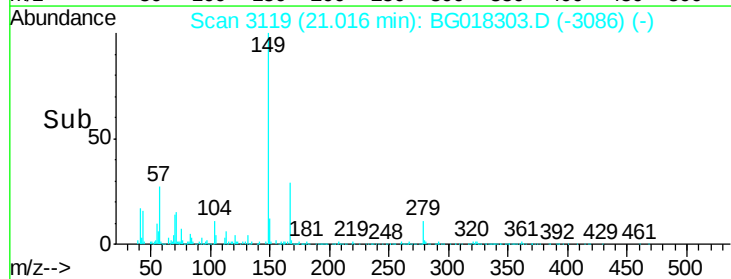
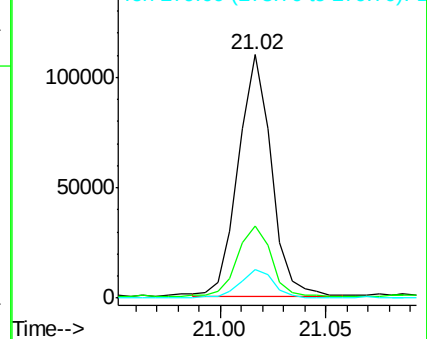
279 11.6 8.6 12.8

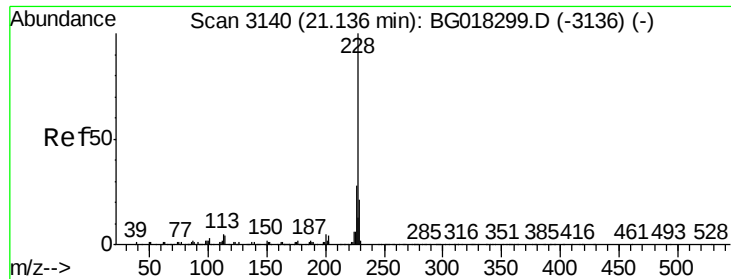


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 2.66 ng/ul

RT: 21.08 min Scan# 3129

Delta R.T. -0.06 min

Lab File: BG018303.D

Acq: 6 Aug 2015 14:09

Instrument :

BNA_G

ClientSampleId :

C01P8DL

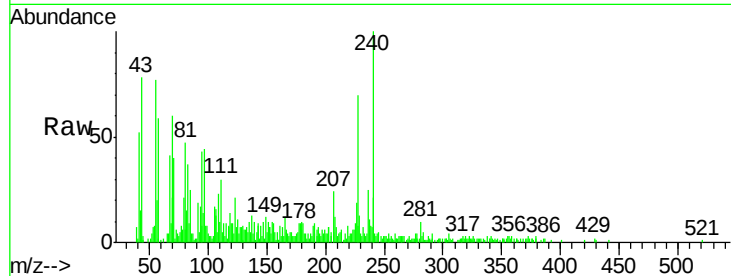
Tgt Ion:228 Resp: 11246

Ion Ratio Lower Upper

228 100

226 26.7 23.0 34.6

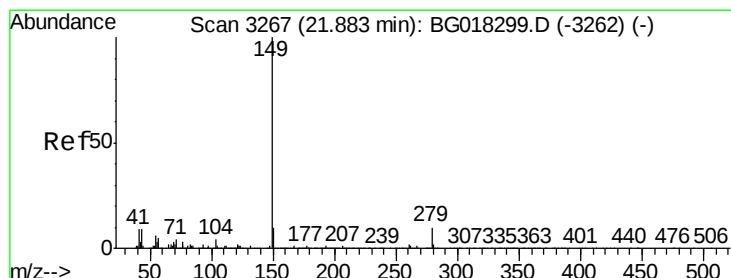
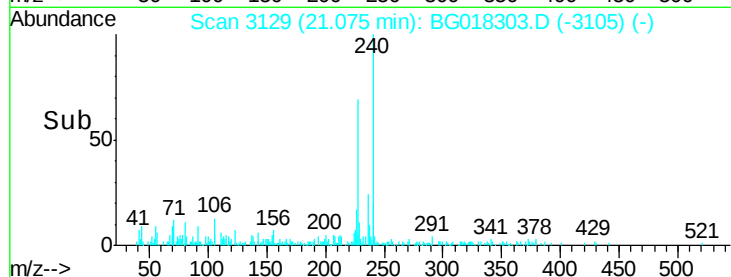
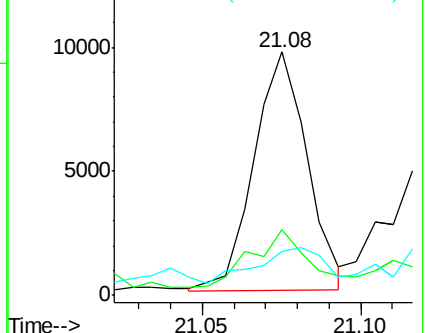
229 18.0 15.9 23.9



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



#87

Di-n-octyl phthalate

Concen: 2.92 ng/ul

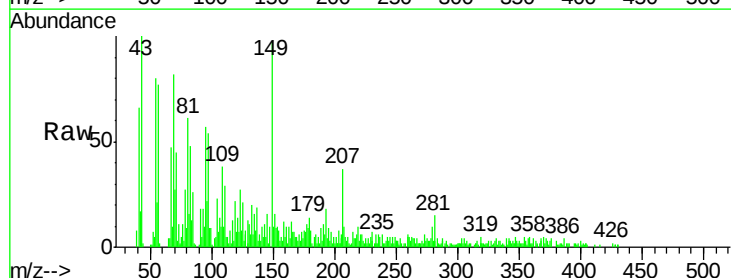
RT: 21.87 min Scan# 3265

Delta R.T. -0.01 min

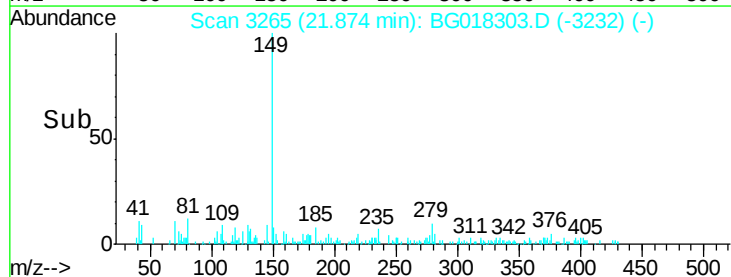
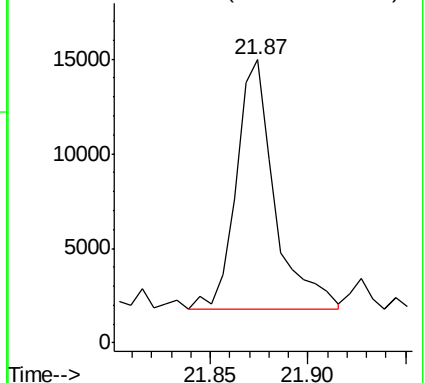
Lab File: BG018303.D

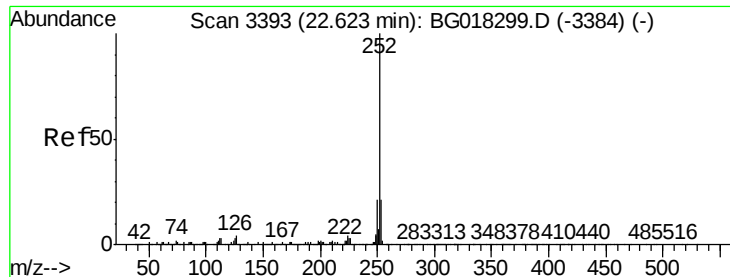
Acq: 6 Aug 2015 14:09

Tgt Ion:149 Resp: 18056



Abundance Ion 149.00 (148.70 to 149.70): E





#88

Benzo(b)fluoranthene

Concen: 2.83 ng/ul

RT: 22.61 min Scan# 3390

Delta R.T. -0.01 min

Lab File: BG018303.D

Acq: 6 Aug 2015 14:09

Instrument :

BNA_G

ClientSampleId :

C01P8DL

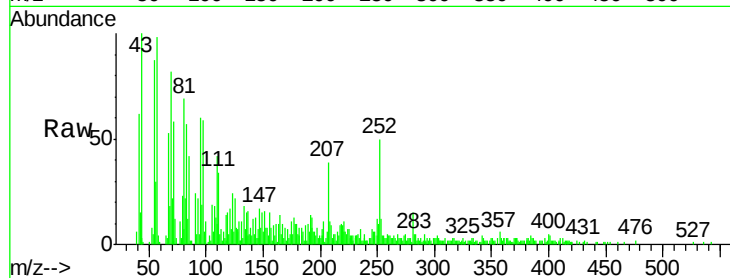
Tgt Ion:252 Resp: 16293

Ion Ratio Lower Upper

252 100

253 23.6 18.1 27.1

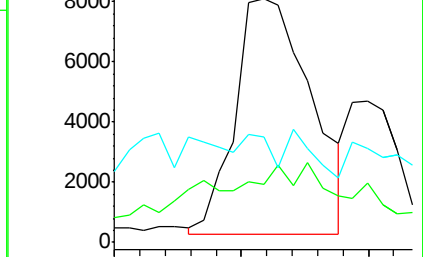
125 43.4 3.1 4.7#



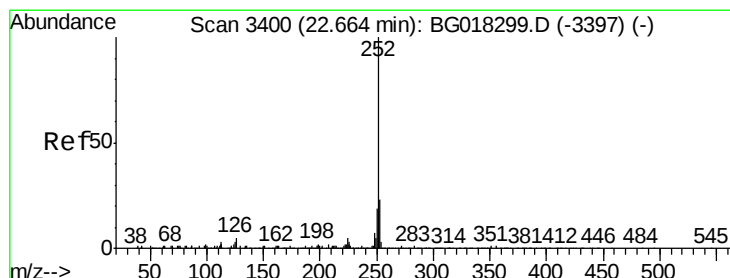
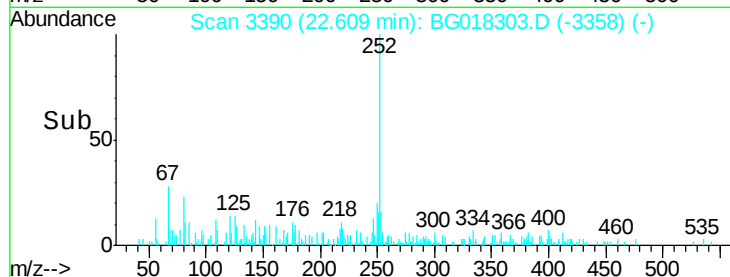
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#89

Benzo(k)fluoranthene

Concen: 1.12 ng/ul

RT: 22.65 min Scan# 3397

Delta R.T. -0.01 min

Lab File: BG018303.D

Acq: 6 Aug 2015 14:09

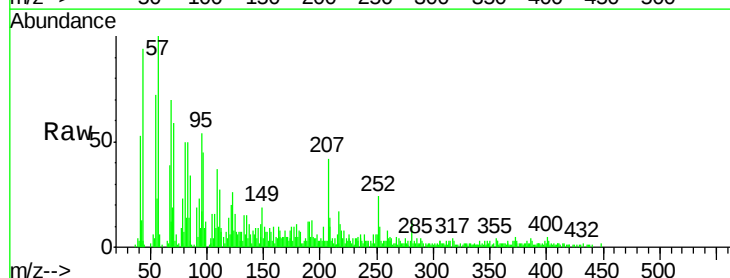
Tgt Ion:252 Resp: 6153

Ion Ratio Lower Upper

252 100

253 41.6 16.4 24.6#

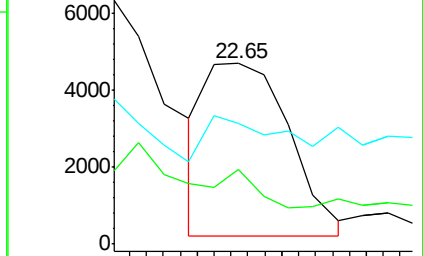
125 66.7 3.4 5.2#



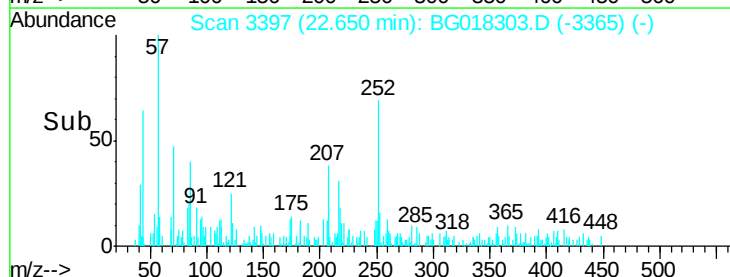
Abundance Ion 252.00 (251.70 to 252.70): E

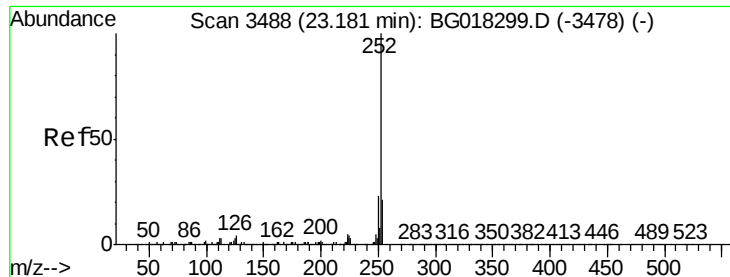
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#91

Benzo(a)pyrene

Concen: 2.32 ng/ul

RT: 23.17 min Scan# 3485

Delta R.T. -0.01 min

Lab File: BG018303.D

Acq: 6 Aug 2015 14:09

Instrument :

BNA_G

ClientSampleId :

C01P8DL

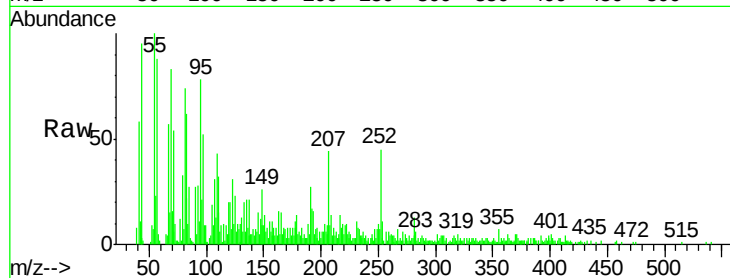
Tgt Ion:252 Resp: 11649

Ion Ratio Lower Upper

252 100

253 25.4 18.9 28.3

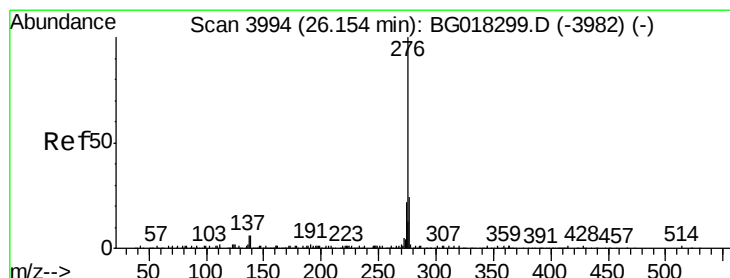
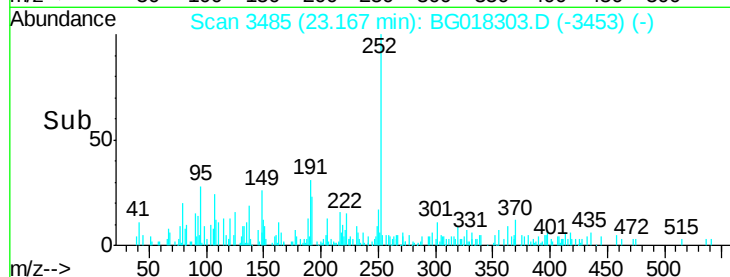
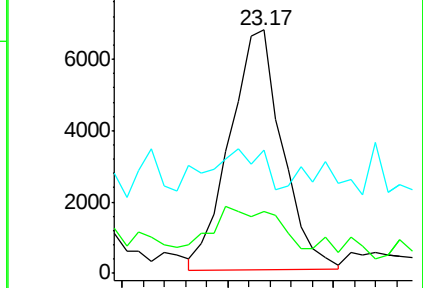
125 50.9 3.2 4.8#



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



#94

Benzo(g,h,i)perylene

Concen: 1.12 ng/ul

RT: 26.12 min Scan# 3987

Delta R.T. -0.04 min

Lab File: BG018303.D

Acq: 6 Aug 2015 14:09

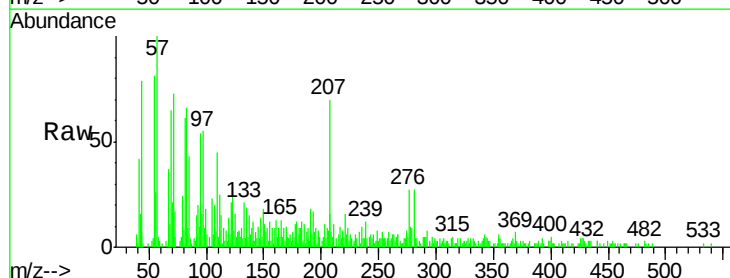
Tgt Ion:276 Resp: 5646

Ion Ratio Lower Upper

276 100

138 21.7 6.0 9.0#

277 37.9 21.1 31.7#



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

