

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011416\
 Data File : BG020738.D
 Acq On : 15 Jan 2016 00:27
 Operator : SJ/IZ
 Sample : H1101-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC9F2

Quant Time: Jan 15 01:16:06 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 14 23:48:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	19765	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	83531	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	58212	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	147548	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	174542	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	160109	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	884	2.19	ng/uL	0.00
5) Phenol-d5	7.20	99	21464	12.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	14585	14.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	17870	13.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	3707	2.59	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	9938	15.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	11307	14.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	18263	12.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	15802	10.95	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	76756	15.11	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	88518	15.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	6633	9.72	ng/ul	0.00
58) Fluorene-d10	15.68	176	71182	15.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	9043	11.27	ng/ul	0.00
71) Anthracene-d10	17.53	188	114294	15.80	ng/ul	0.00
79) Pyrene-d10	19.81	212	136587	16.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	137532	16.11	ng/ul	0.00

Target Compounds

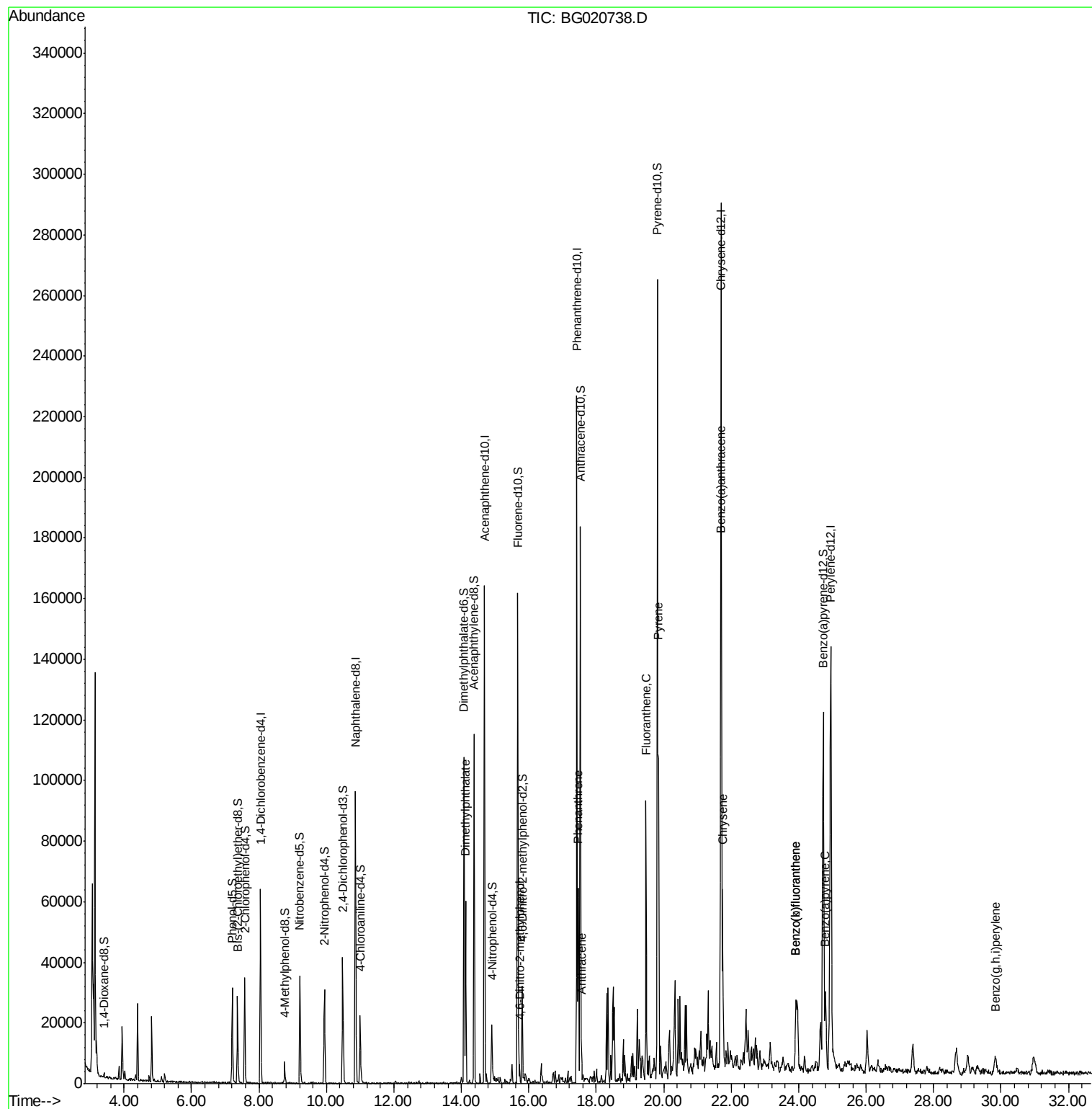
						Qvalue
45) Dimethylphthalate	14.12	163	41663	7.63	ng/ul#	98
64) 4,6-Dinitro-2-methylphenol	15.72	198	1087	1.26	ng/ul#	58
70) Phenanthrene	17.47	178	42501	4.84	ng/ul	99
72) Anthracene	17.56	178	9777	1.10	ng/ul	95
77) Fluoranthene	19.48	202	57782	5.41	ng/ul	99
80) Pyrene	19.84	202	81282	7.34	ng/ul	99
83) Benzo(a)anthracene	21.68	228	40507	3.72	ng/ul	97
85) Chrysene	21.74	228	40462	3.93	ng/ul	97
88) Benzo(b)fluoranthene	23.92	252	32264	3.13	ng/ul#	95
89) Benzo(k)fluoranthene	23.92	252	32264	3.17	ng/ul	95
91) Benzo(a)pyrene	24.79	252	30676	3.09	ng/ul	98
94) Benzo(g,h,i)perylene	29.84	276	13388	1.39	ng/ul	97

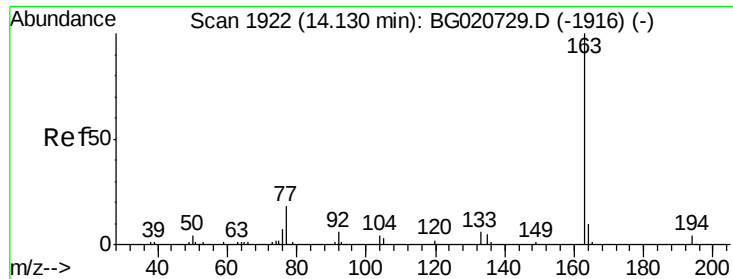
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 15 01:16:06 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 14 23:48:02 2016
Response via : Initial Calibration

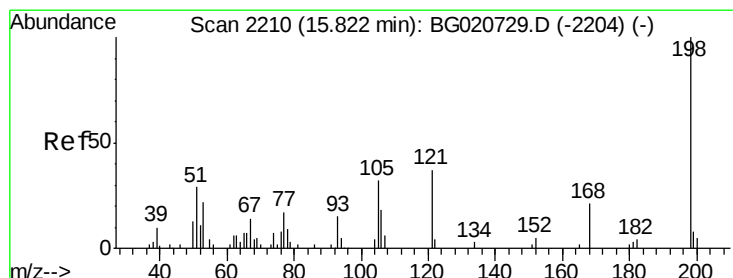
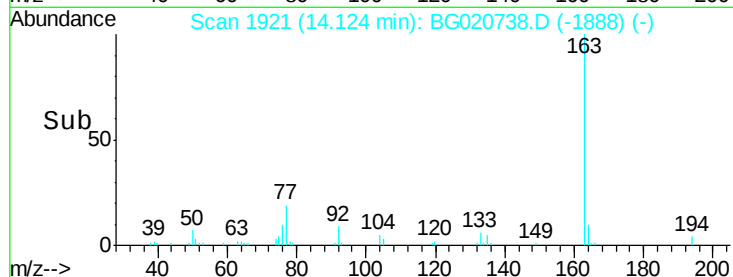
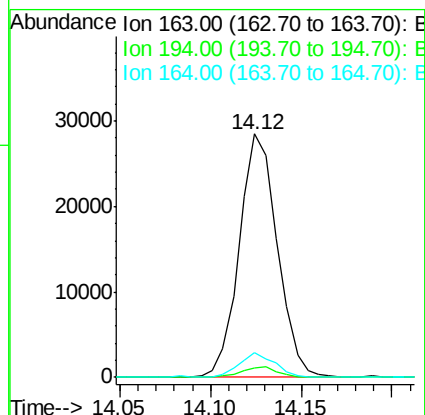
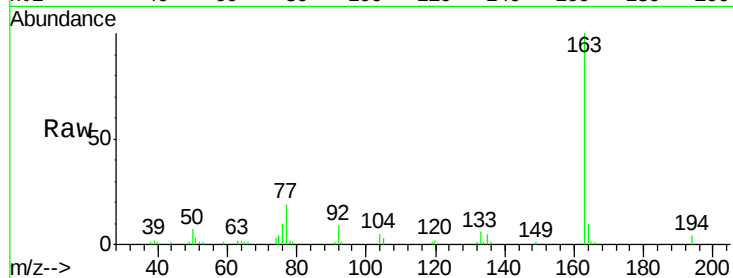




#45
Dimethylphthalate
Concen: 7.63 ng/ul
RT: 14.12 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG020738.D
Acq: 15 Jan 2016 00:27

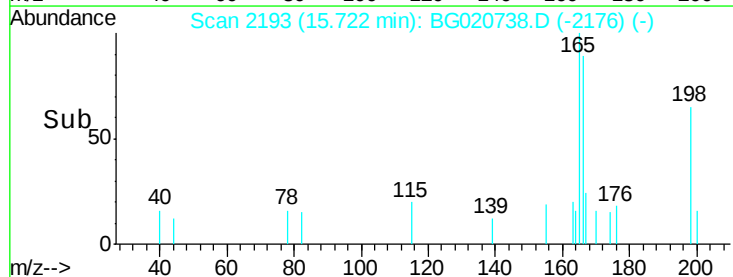
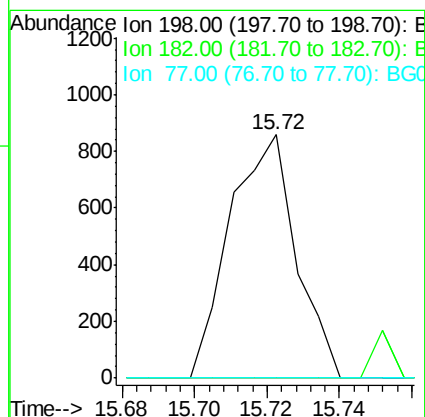
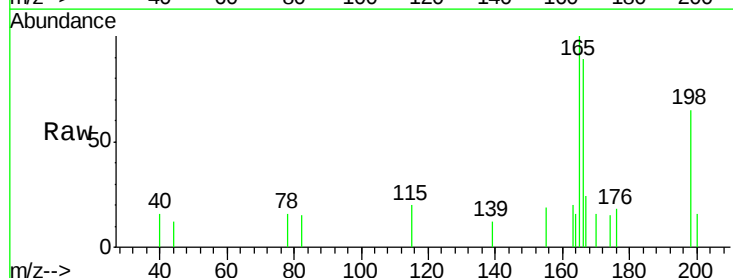
Instrument :
BNA_G
ClientSampleId :
BC9F2

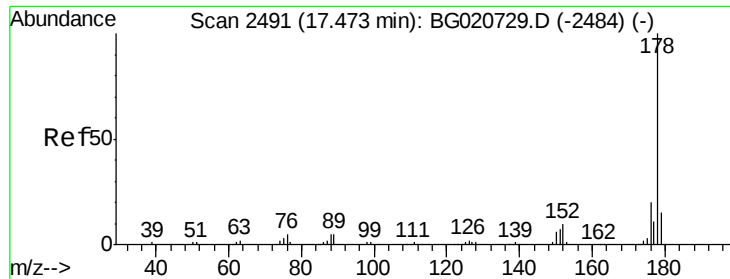
Tgt Ion:163 Resp: 41663
Ion Ratio Lower Upper
163 100
194 3.9 4.0 6.0#
164 10.1 8.4 12.6



#64
4,6-Dinitro-2-methylphenol
Concen: 1.26 ng/ul
RT: 15.72 min Scan# 2193
Delta R.T. -0.10 min
Lab File: BG020738.D
Acq: 15 Jan 2016 00:27

Tgt Ion:198 Resp: 1087
Ion Ratio Lower Upper
198 100
182 0.0 3.5 5.3#
77 0.0 18.2 27.4#





#70

Phenanthrene

Concen: 4.84 ng/ul

RT: 17.47 min Scan# 2491

Delta R.T. 0.00 min

Lab File: BG020738.D

Acq: 15 Jan 2016 00:27

Instrument :

BNA_G

ClientSampleId :

BC9F2

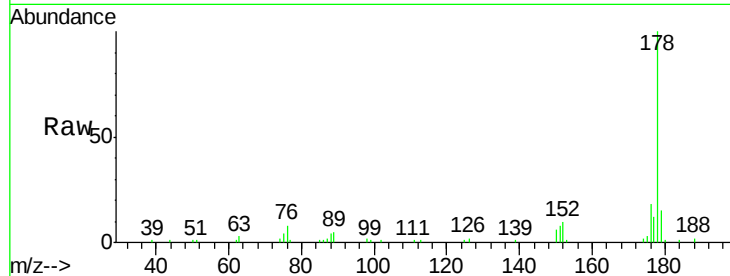
Tgt Ion:178 Resp: 42501

Ion Ratio Lower Upper

178 100

179 14.9 12.3 18.5

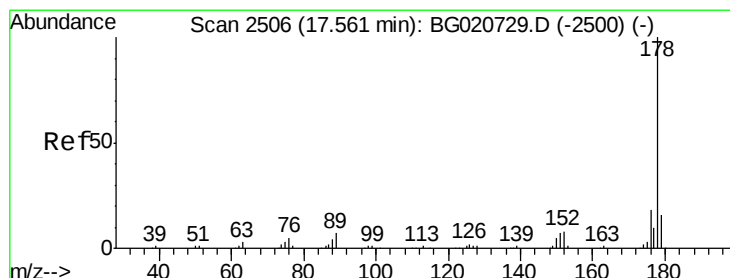
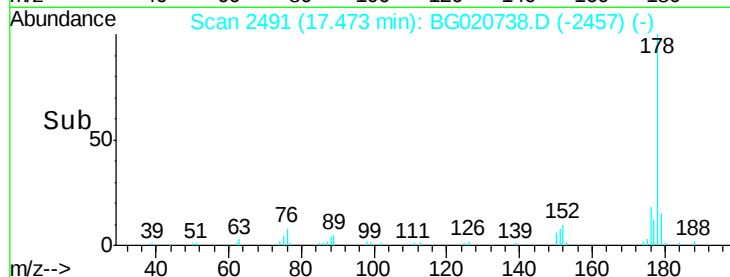
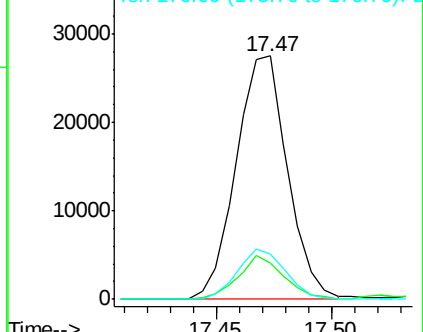
176 18.5 15.4 23.0



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: 1.10 ng/ul

RT: 17.56 min Scan# 2506

Delta R.T. 0.00 min

Lab File: BG020738.D

Acq: 15 Jan 2016 00:27

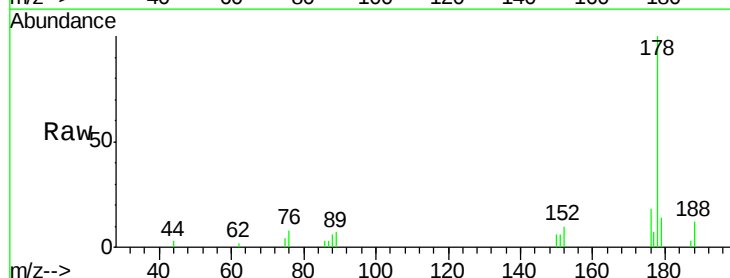
Tgt Ion:178 Resp: 9777

Ion Ratio Lower Upper

178 100

179 14.0 13.4 20.2

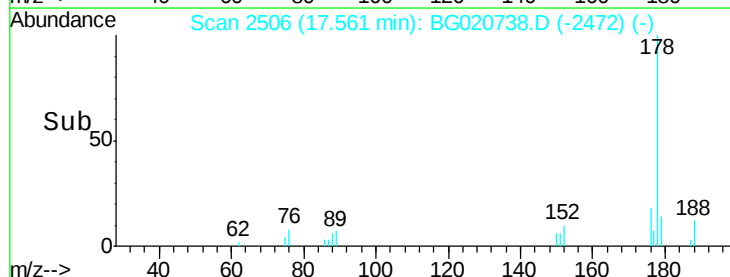
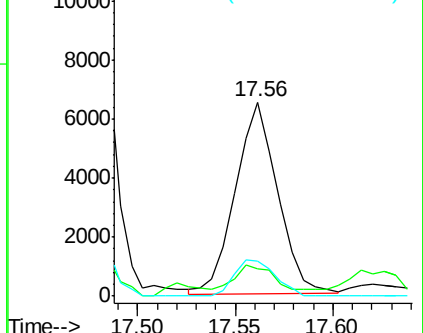
176 17.7 15.4 23.0

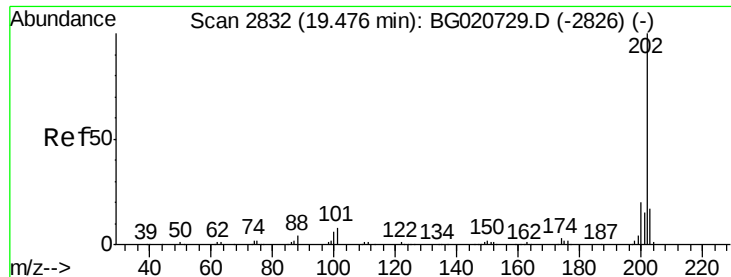


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

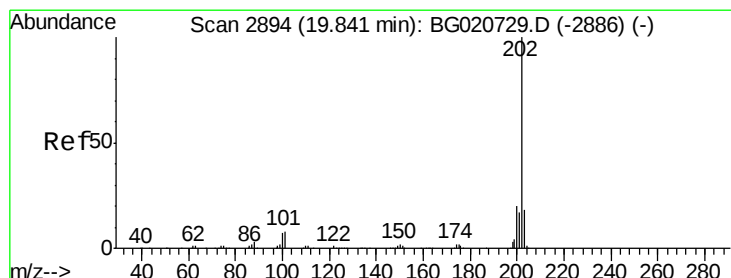
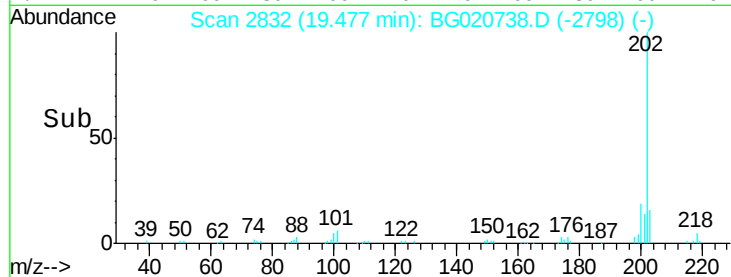
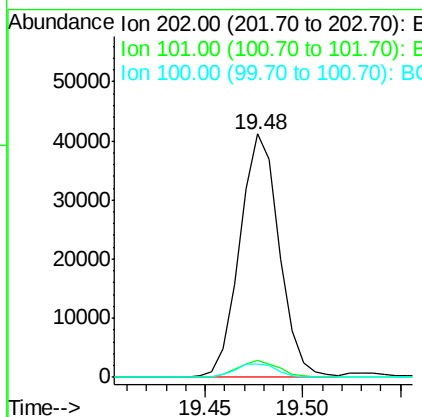
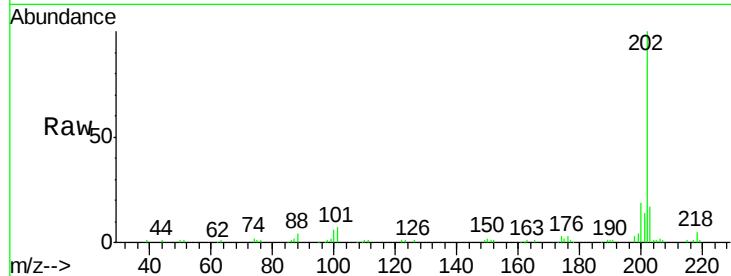




#77
Fluoranthene
 Concen: 5.41 ng/ul
 RT: 19.48 min Scan# 2832
 Delta R.T. 0.00 min
 Lab File: BG020738.D
 Acq: 15 Jan 2016 00:27

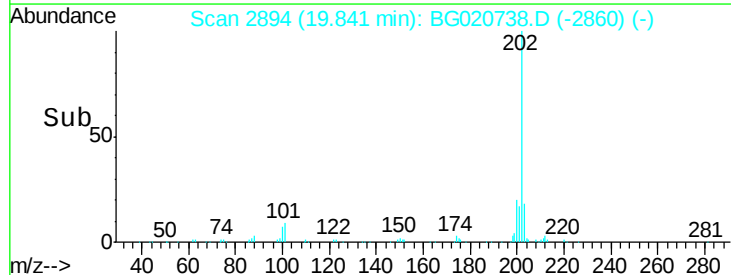
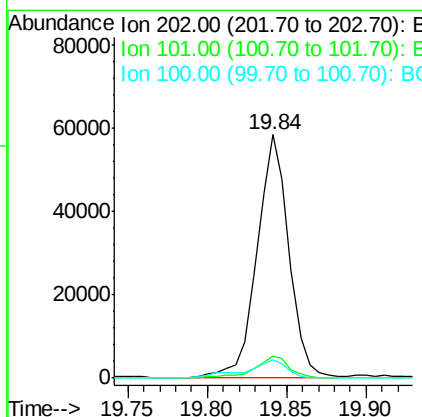
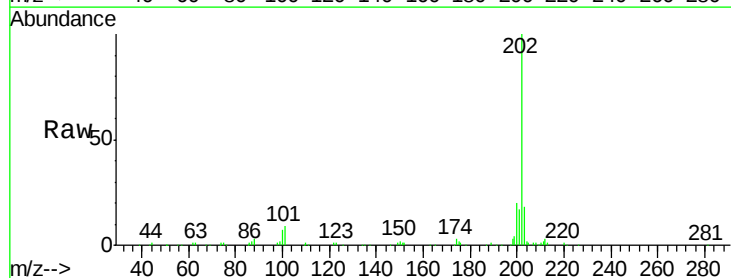
Instrument :
 BNA_G
 ClientSampled :
 BC9F2

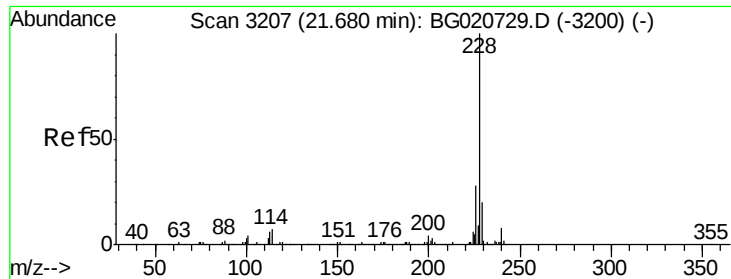
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.2	6.1	9.1
100	5.6	4.6	7.0



#80
Pyrene
 Concen: 7.34 ng/ul
 RT: 19.84 min Scan# 2894
 Delta R.T. 0.00 min
 Lab File: BG020738.D
 Acq: 15 Jan 2016 00:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	6.9	10.3
100	7.4	5.6	8.4





#83

Benzo(a)anthracene

Concen: 3.72 ng/ul

RT: 21.68 min Scan# 3207

Delta R.T. 0.00 min

Lab File: BG020738.D

Acq: 15 Jan 2016 00:27

Instrument :

BNA_G

ClientSampleId :

BC9F2

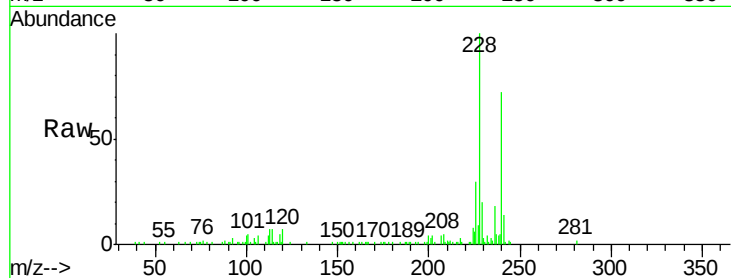
Tgt Ion:228 Resp: 40507

Ion Ratio Lower Upper

228 100

229 20.5 16.0 24.0

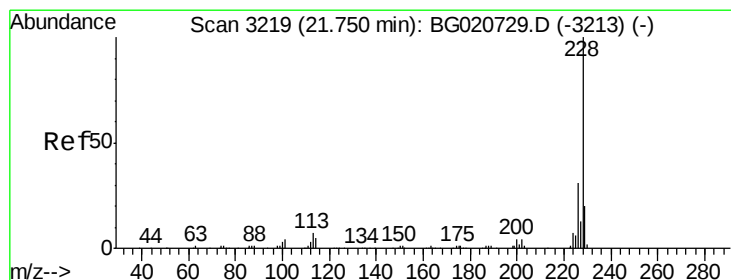
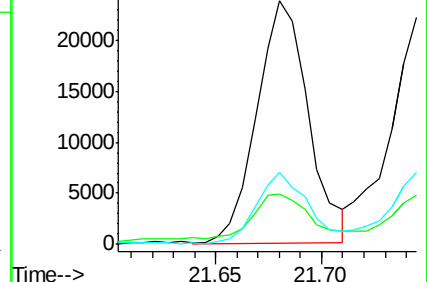
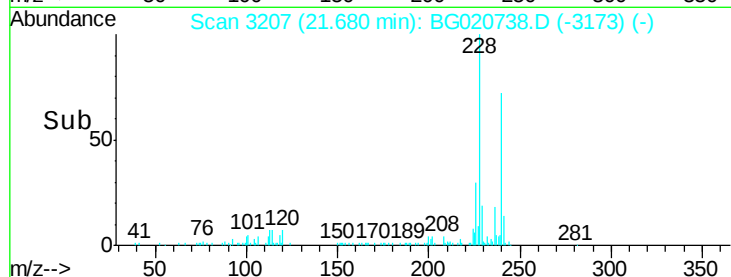
226 29.6 21.8 32.8



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



#85

Chrysene

Concen: 3.93 ng/ul

RT: 21.74 min Scan# 3218

Delta R.T. -0.01 min

Lab File: BG020738.D

Acq: 15 Jan 2016 00:27

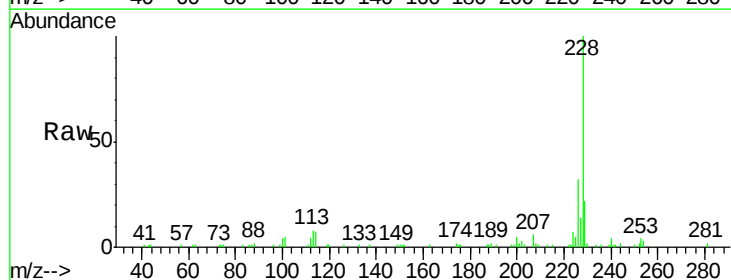
Tgt Ion:228 Resp: 40462

Ion Ratio Lower Upper

228 100

226 31.7 24.1 36.1

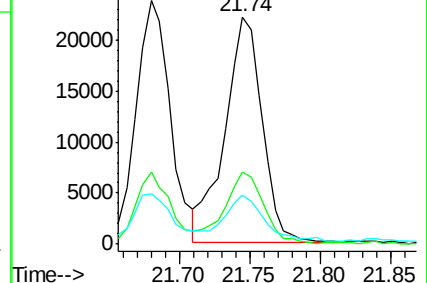
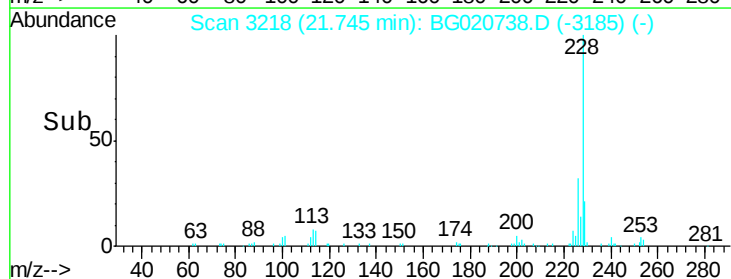
229 21.5 16.0 24.0

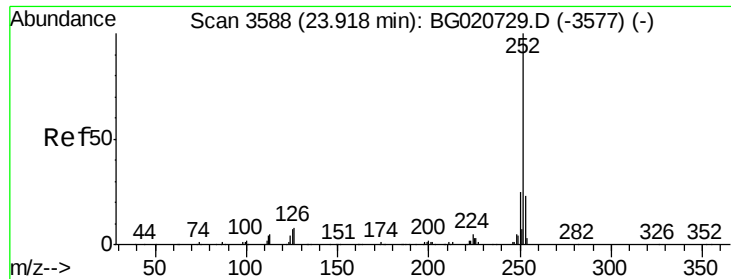


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 3.13 ng/ul

RT: 23.92 min Scan# 3588

Delta R.T. 0.00 min

Lab File: BG020738.D

Acq: 15 Jan 2016 00:27

Instrument :

BNA_G

ClientSampleId :

BC9F2

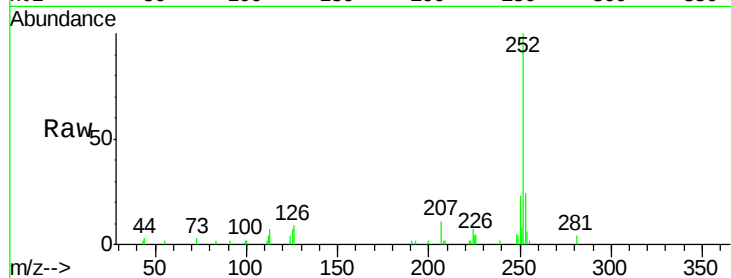
Tgt Ion:252 Resp: 32264

Ion Ratio Lower Upper

252 100

253 23.9 17.4 26.0

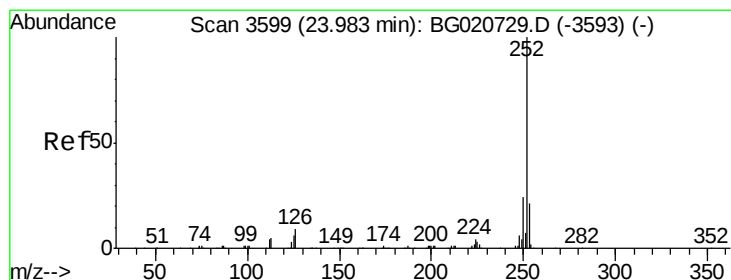
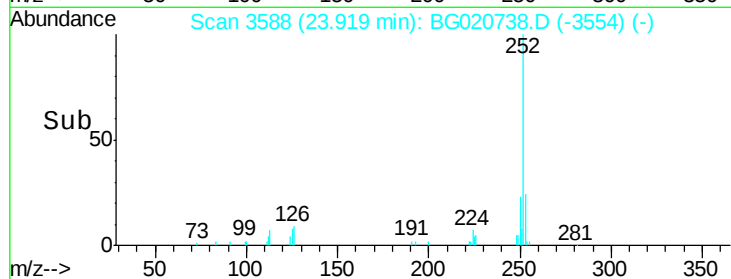
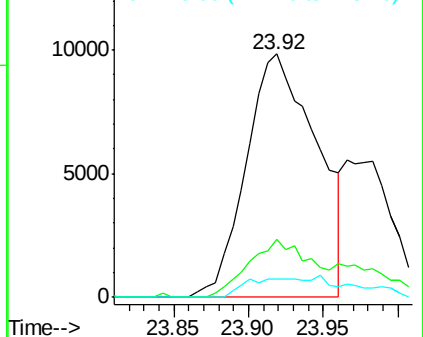
125 7.5 4.9 7.3#



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: 3.17 ng/ul

RT: 23.92 min Scan# 3588

Delta R.T. -0.06 min

Lab File: BG020738.D

Acq: 15 Jan 2016 00:27

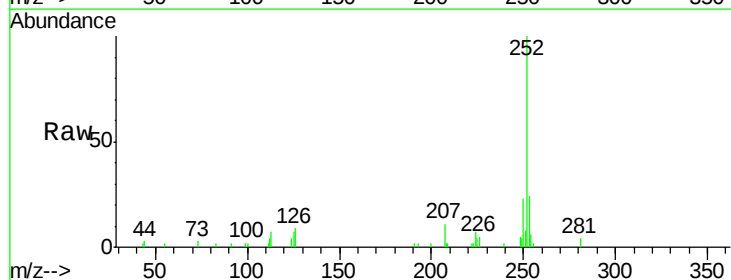
Tgt Ion:252 Resp: 32264

Ion Ratio Lower Upper

252 100

253 23.9 17.1 25.7

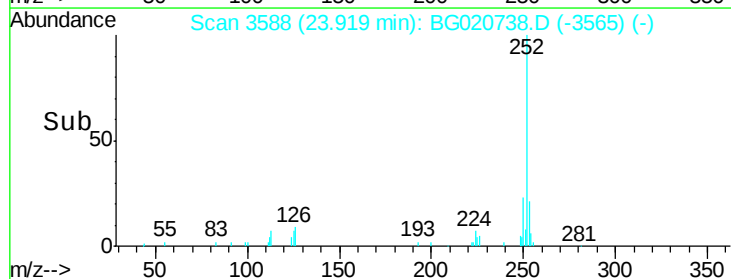
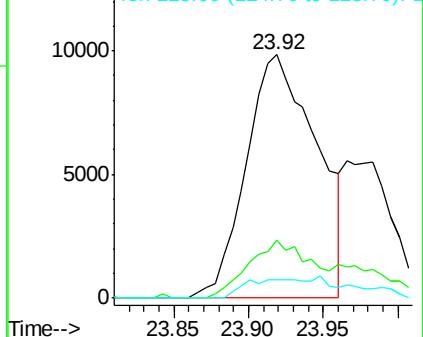
125 7.5 5.4 8.0

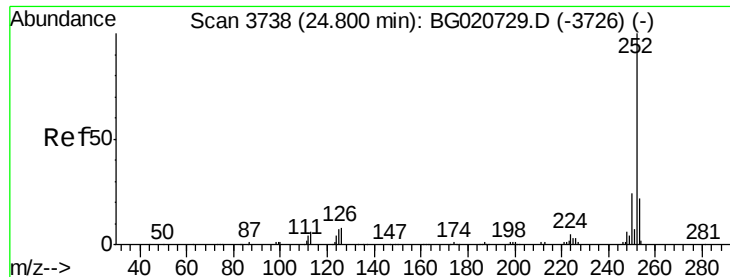


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 3.09 ng/ul

RT: 24.79 min Scan# 3737

Delta R.T. -0.01 min

Lab File: BG020738.D

Acq: 15 Jan 2016 00:27

Instrument :

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ClientSampleId :

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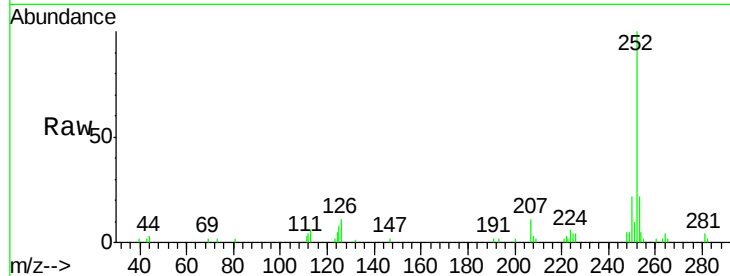
Tgt Ion:252 Resp: 30676

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

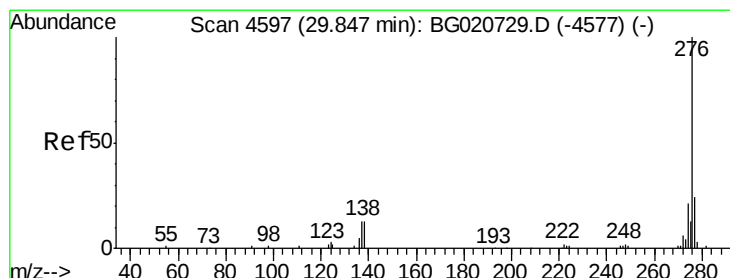
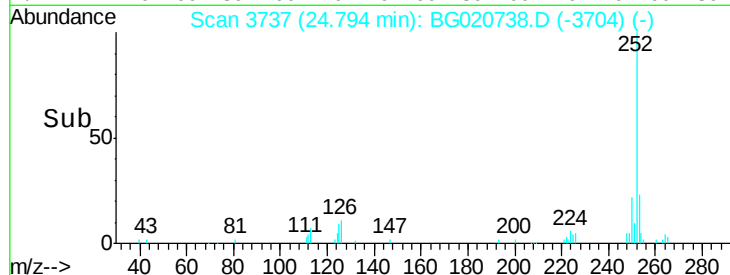
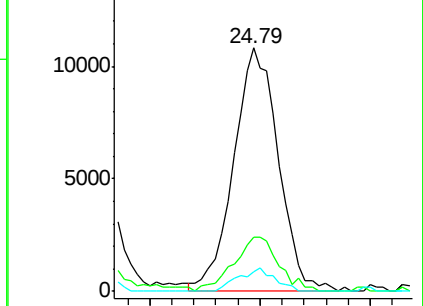
125 8.3 5.8 8.6



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: 1.39 ng/ul

RT: 29.84 min Scan# 4596

Delta R.T. -0.01 min

Lab File: BG020738.D

Acq: 15 Jan 2016 00:27

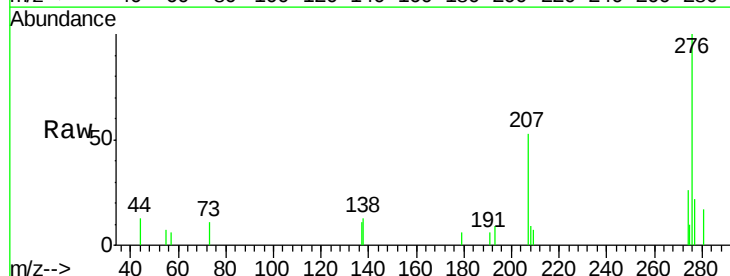
Tgt Ion:276 Resp: 13388

Ion Ratio Lower Upper

276 100

138 12.8 11.2 16.8

277 22.1 19.0 28.6



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

