

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121016\
 Data File : BG025100.D
 Acq On : 11 Dec 2016 12:16
 Operator : UM/SJ
 Sample : H5905-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 12 06:40:24 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 06:35:19 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	106024	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	426245	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	340974	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	736259	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	869639	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	862237	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	7014	3.42	ng/uL	0.00
5) Phenol-d5	7.39	99	198411	21.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	139642	24.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	138632	21.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	153853	20.13	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	69982	23.19	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	80942	21.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	153727	21.24	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	58028	8.16	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	561895	23.96	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	581370	22.63	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	77893	19.32	ng/ul	0.00
57) Fluorene-d10	15.84	176	478061	21.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	102535	22.52	ng/ul	0.00
70) Anthracene-d10	17.70	188	697700	22.45	ng/ul	0.00
76) Pyrene-d10	19.97	212	774376	21.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	733420	20.99	ng/ul	0.00

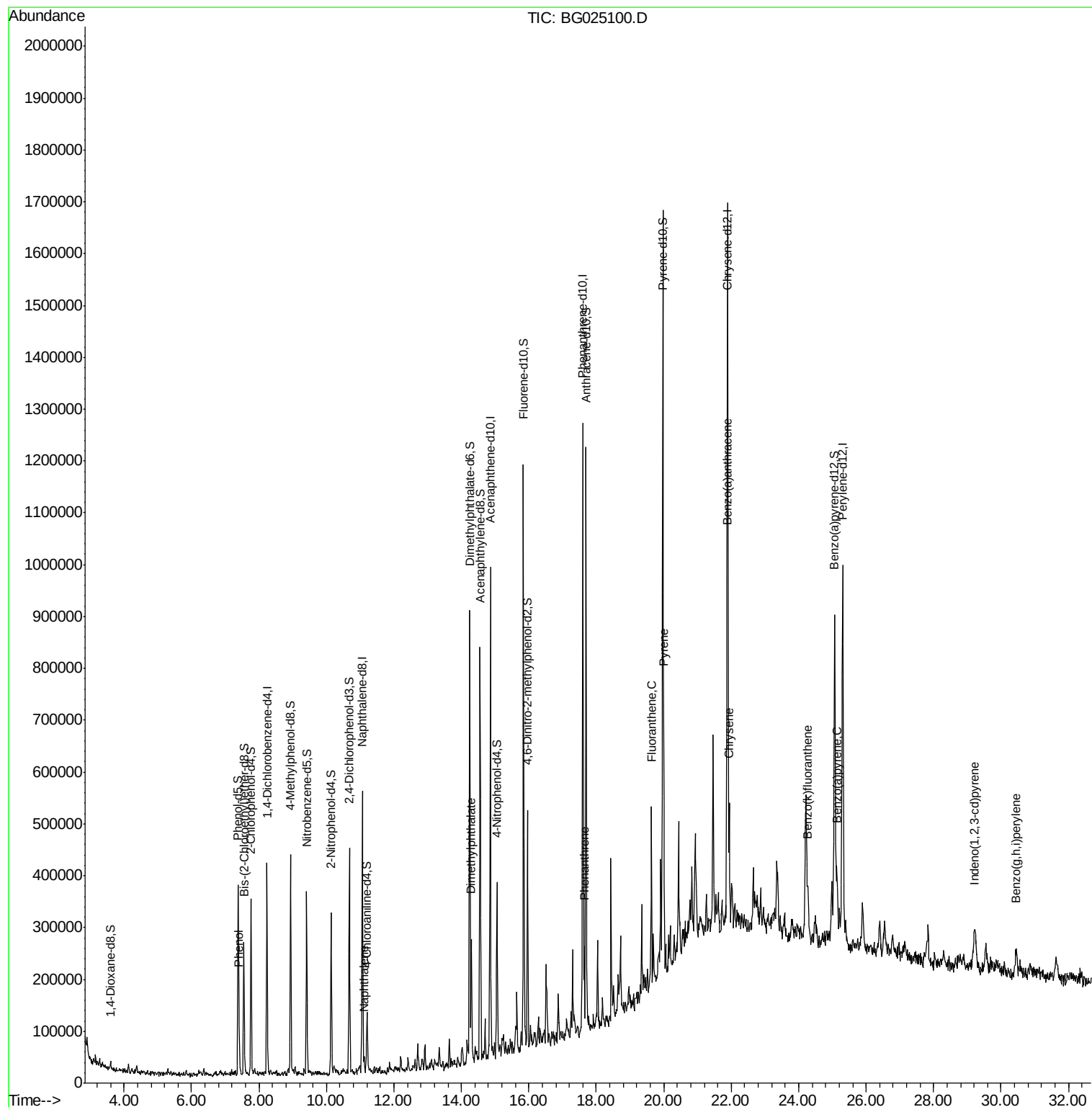
Target Compounds				Ovalue		
6) Phenol	7.41	94	36506	3.89	ng/ul#	89
28) Naphthalene	11.11	128	20990	1.06	ng/ul	97
44) Dimethylphthalate	14.29	163	121032	5.25	ng/ul#	97
69) Phenanthrene	17.64	178	100355	2.86	ng/ul	96
74) Fluoranthene	19.64	202	229892	5.51	ng/ul#	97
77) Pyrene	20.00	202	224451	5.37	ng/ul	98
80) Benzo(a)anthracene	21.87	228	176569	3.91	ng/ul	99
82) Chrysene	21.94	228	188720	4.47	ng/ul	98
86) Benzo(k)fluoranthene	24.27	252	91424	2.25	ng/ul	99
88) Benzo(a)pyrene	25.14	252	174342	4.24	ng/ul	94
89) Indeno(1,2,3-cd)pyrene	29.21	276	129409	2.53	ng/ul	94
91) Benzo(g,h,i)perylene	30.45	276	94055	2.21	ng/ul#	94

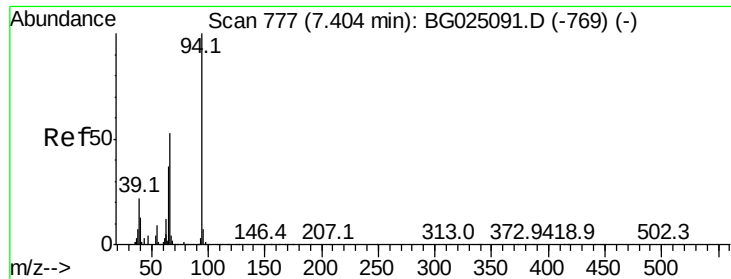
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.89 ng/ul

RT: 7.41 min Scan# 778

Delta R.T. 0.00 min

Lab File: BG025100.D

Acq: 11 Dec 2016 12:16

Instrument :

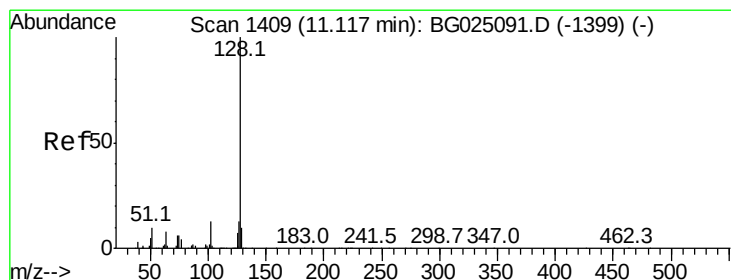
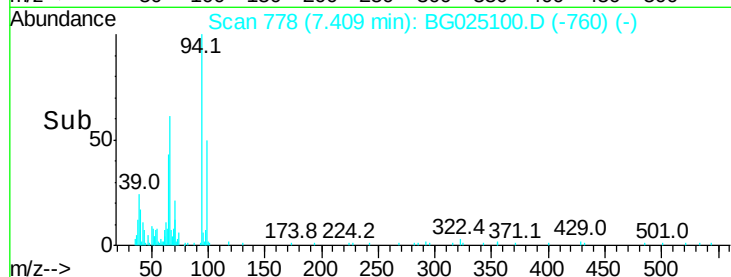
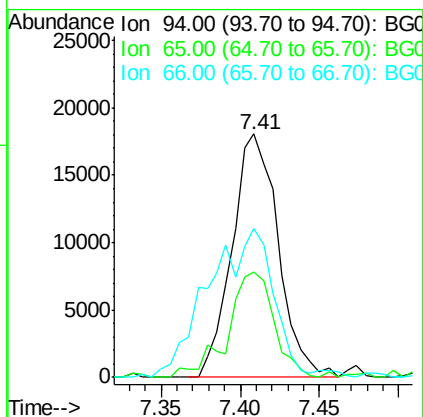
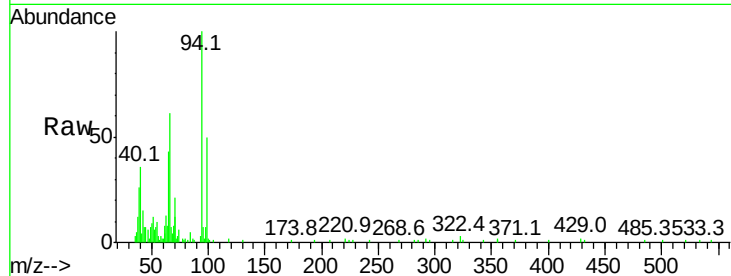
BNA_G

ClientSampleId :

Tot Ion: 94 Resp: 36506

Ion Ratio Lower Upper

94	100		
65	43.2	26.8	40.2#
66	61.3	44.4	66.6



#28

Naphthalene

Concen: 1.06 ng/ul

RT: 11.11 min Scan# 1408

Delta R.T. -0.01 min

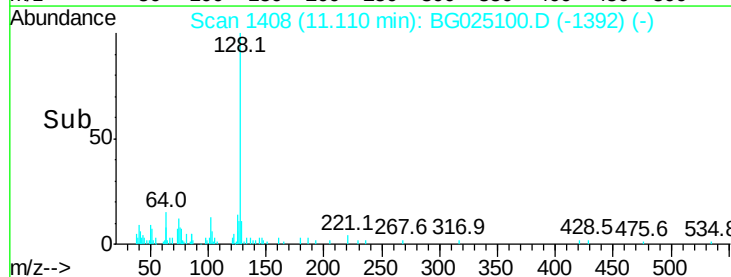
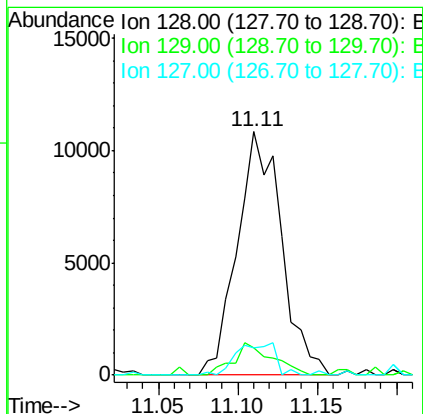
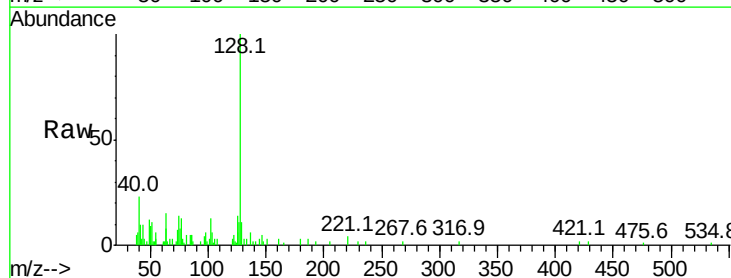
Lab File: BG025100.D

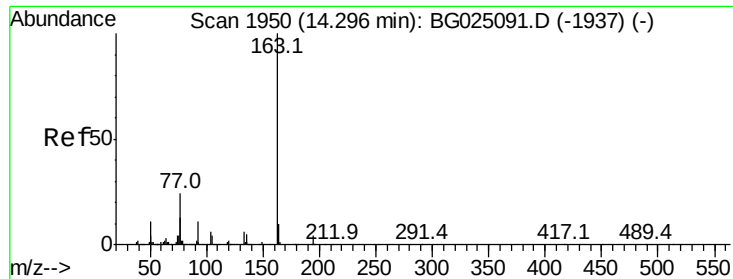
Acq: 11 Dec 2016 12:16

Tgt Ion:128 Resp: 20990

Ion Ratio Lower Upper

128	100		
129	11.2	9.4	14.2
127	11.0	10.3	15.5





#44

Dimethylphthalate

Concen: 5.25 ng/ul

RT: 14.29 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG025100.D

Acq: 11 Dec 2016 12:16

Instrument :

BNA_G

ClientSampled :

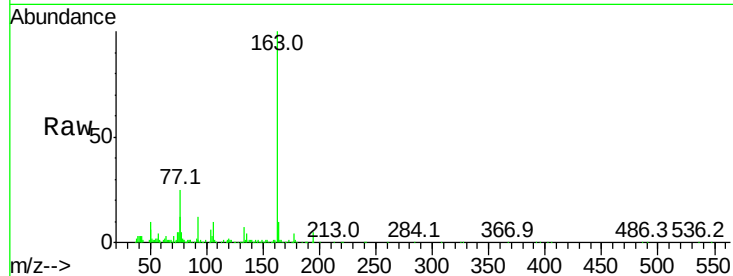
Tot Ion:163 Resp: 121032

Ion Ratio Lower Upper

163 100

194 5.1 3.4 5.0#

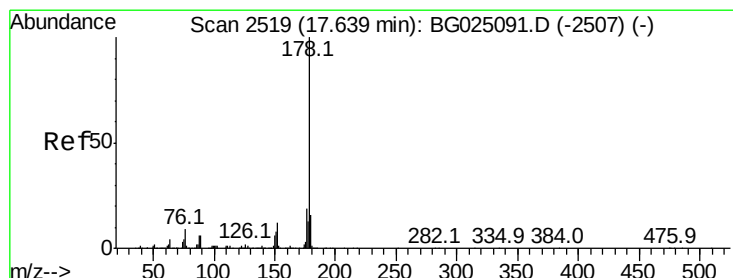
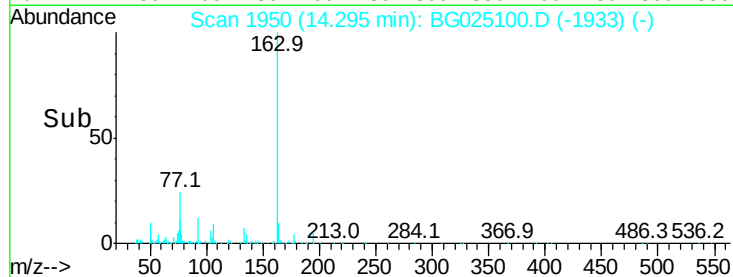
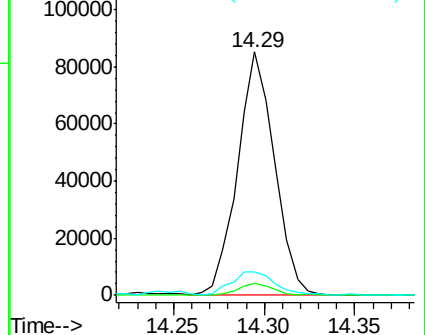
164 9.9 9.0 13.4



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



#69

Phenanthrene

Concen: 2.86 ng/ul

RT: 17.64 min Scan# 2520

Delta R.T. 0.00 min

Lab File: BG025100.D

Acq: 11 Dec 2016 12:16

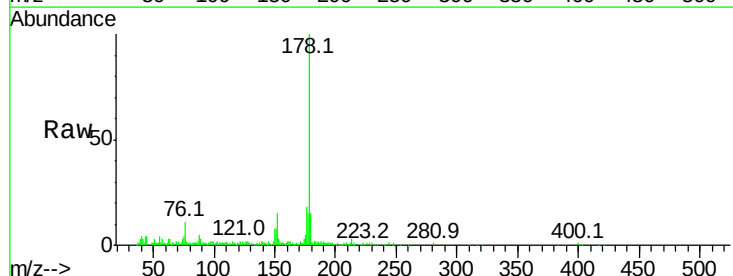
Tgt Ion:178 Resp: 100355

Ion Ratio Lower Upper

178 100

179 14.5 12.4 18.6

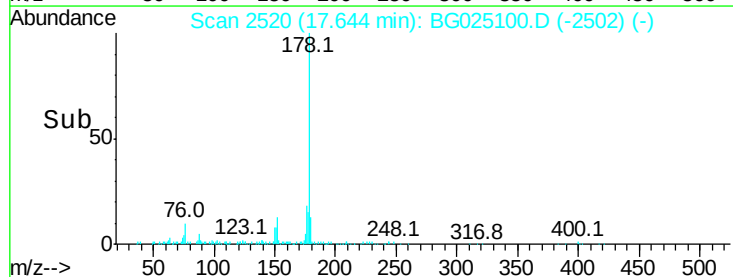
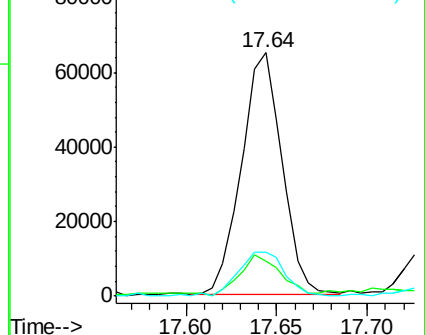
176 18.3 16.5 24.7

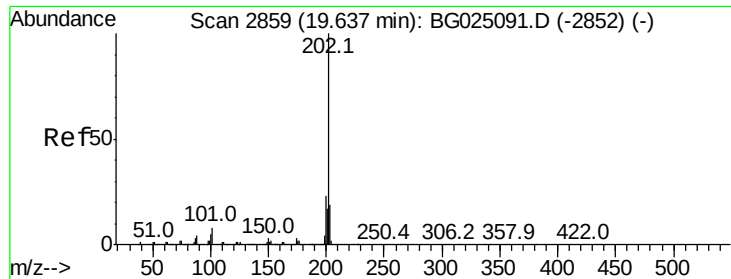


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 5.51 ng/ul

RT: 19.64 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG025100.D

Acq: 11 Dec 2016 12:16

Instrument :

BNA_G

ClientSampleId :

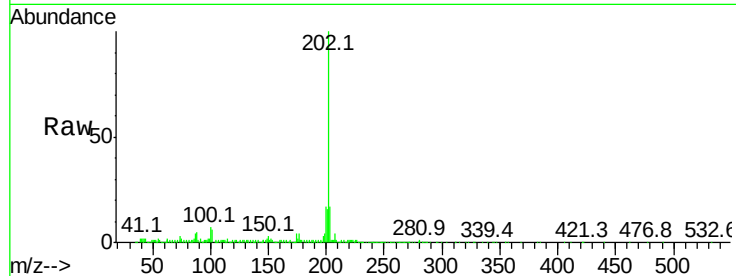
Tot Ion:202 Resp: 229892

Ion Ratio Lower Upper

202 100

101 6.0 6.2 9.2#

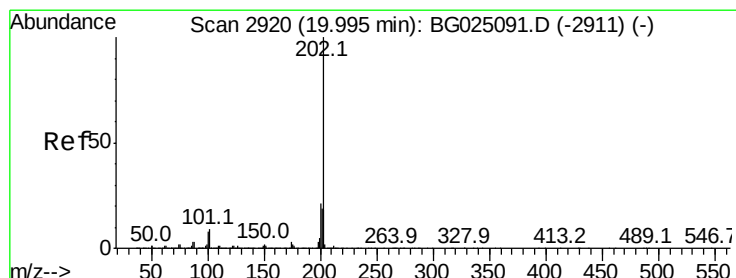
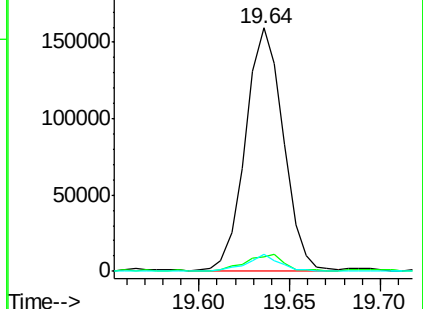
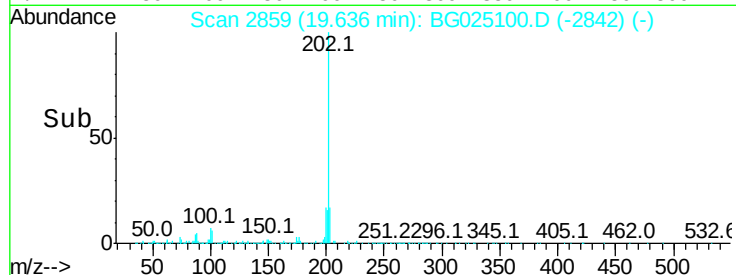
100 6.9 5.2 7.8



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



#77

Pyrene

Concen: 5.37 ng/ul

RT: 20.00 min Scan# 2921

Delta R.T. 0.00 min

Lab File: BG025100.D

Acq: 11 Dec 2016 12:16

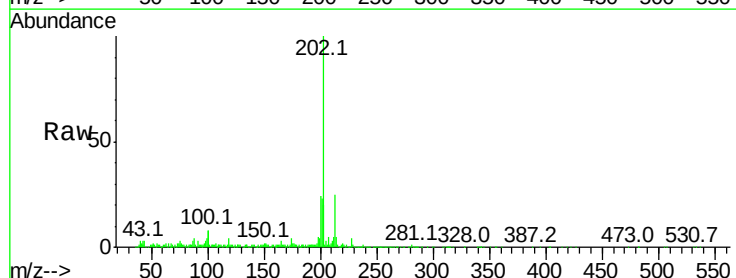
Tgt Ion:202 Resp: 224451

Ion Ratio Lower Upper

202 100

101 7.9 6.9 10.3

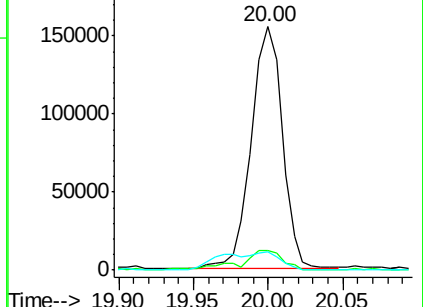
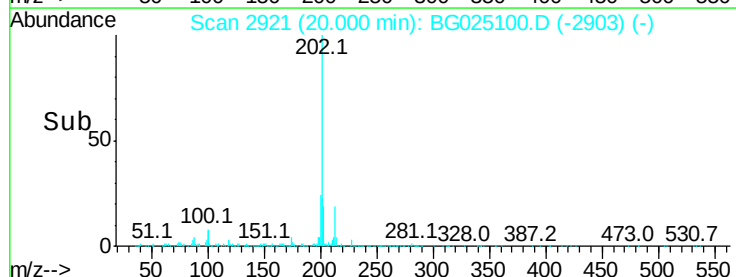
100 7.8 6.6 10.0

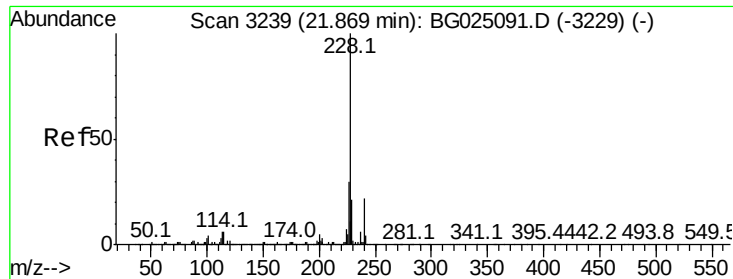


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 3.91 ng/ul

RT: 21.87 min Scan# 3239

Delta R.T. -0.00 min

Lab File: BG025100.D

Acq: 11 Dec 2016 12:16

Instrument :

BNA_G

ClientSampleId :

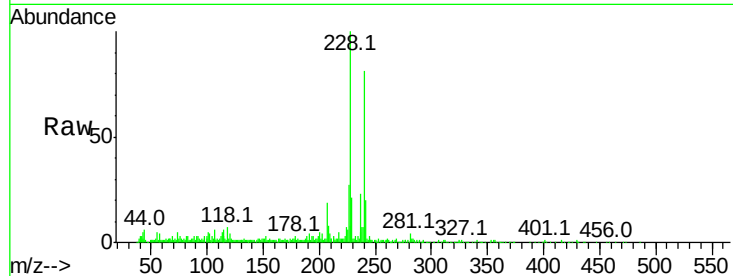
Tot Ion:228 Resp: 176569

Ion Ratio Lower Upper

228 100

229 21.3 16.3 24.5

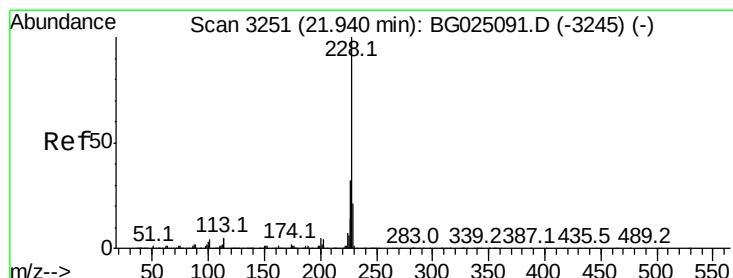
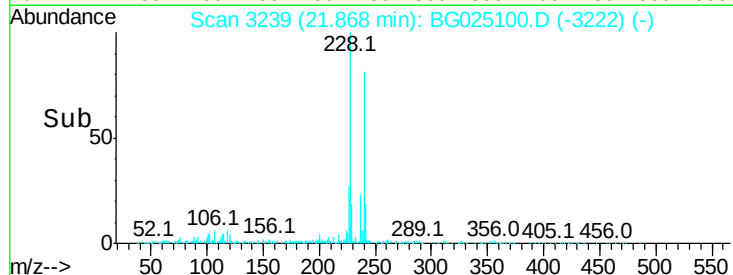
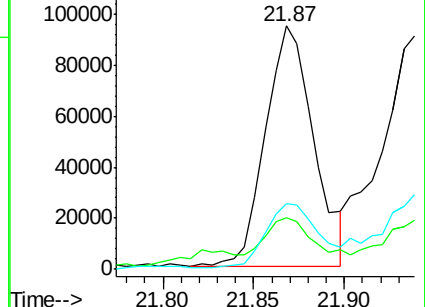
226 27.1 21.9 32.9



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



#82

Chrysene

Concen: 4.47 ng/ul

RT: 21.94 min Scan# 3251

Delta R.T. -0.00 min

Lab File: BG025100.D

Acq: 11 Dec 2016 12:16

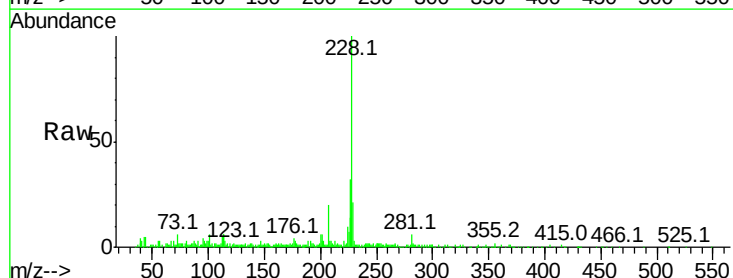
Tgt Ion:228 Resp: 188720

Ion Ratio Lower Upper

228 100

226 31.9 24.0 36.0

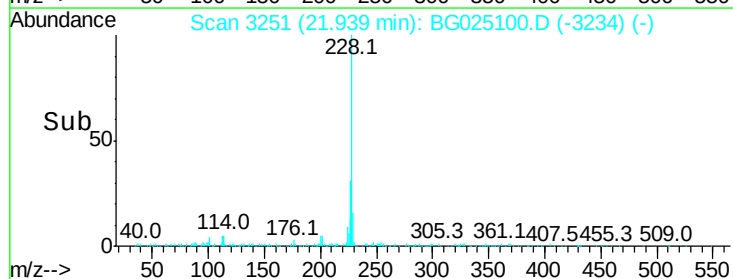
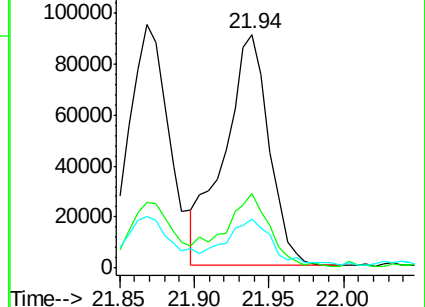
229 21.2 16.9 25.3

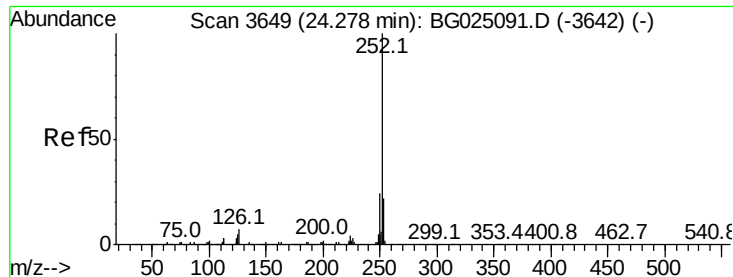


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#86

Benzo(k)fluoranthene

Concen: 2.25 ng/ul

RT: 24.27 min Scan# 3648

Delta R.T. -0.01 min

Lab File: BG025100.D

Acq: 11 Dec 2016 12:16

Instrument :

BNA_G

ClientSampleId :

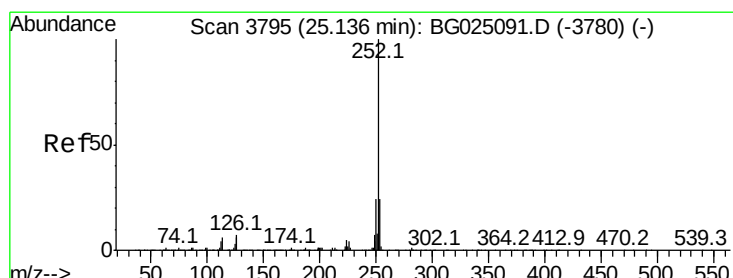
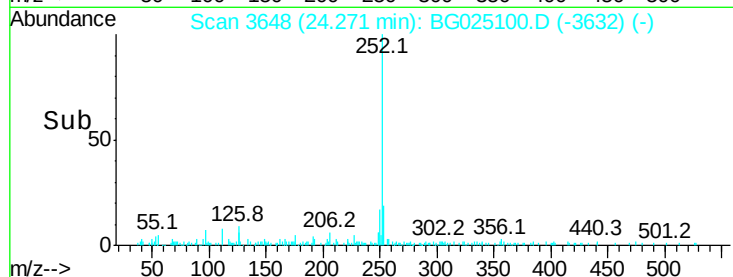
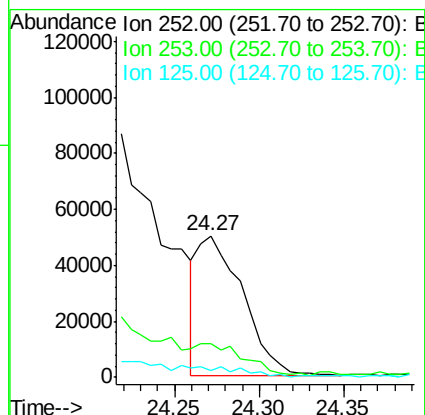
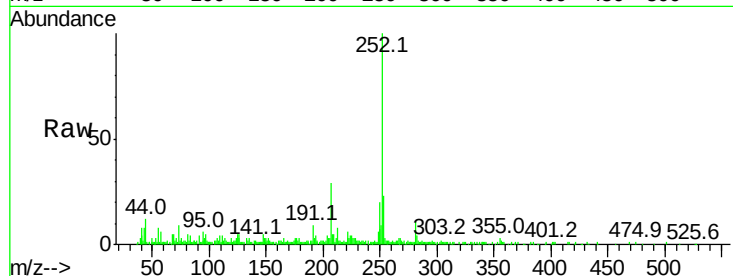
Tot Ion:252 Resp: 91424

Ion Ratio Lower Upper

252 100

253 23.4 18.5 27.7

125 5.0 4.1 6.1



#88

Benzo(a)pyrene

Concen: 4.24 ng/ul

RT: 25.14 min Scan# 3796

Delta R.T. 0.00 min

Lab File: BG025100.D

Acq: 11 Dec 2016 12:16

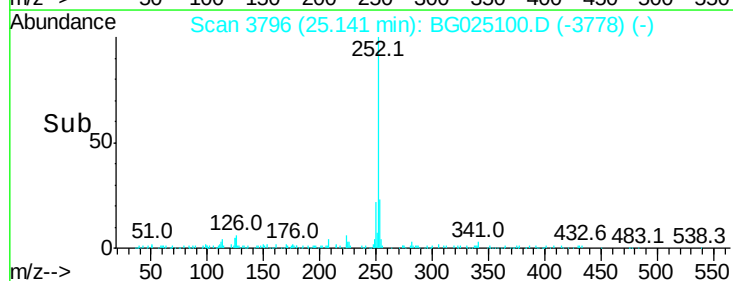
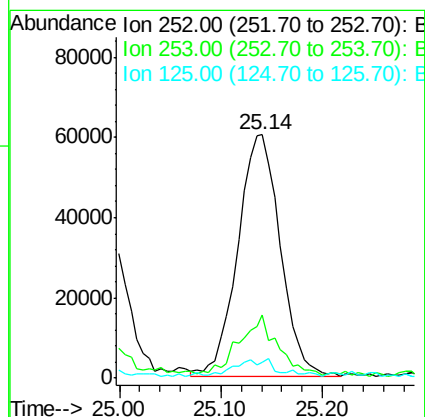
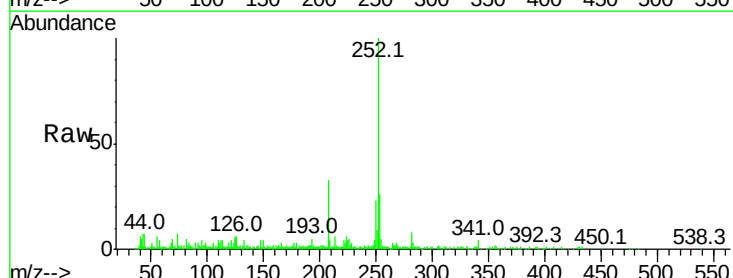
Tgt Ion:252 Resp: 174342

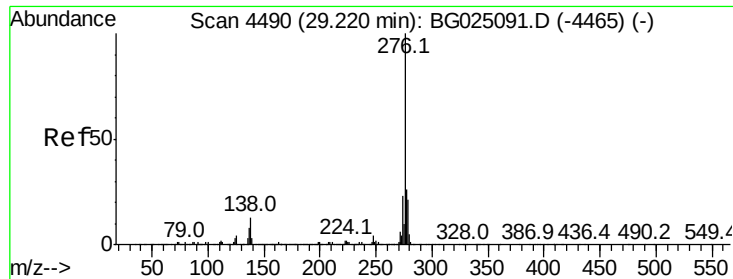
Ion Ratio Lower Upper

252 100

253 25.8 17.8 26.6

125 6.5 5.4 8.0





#89

Indeno(1,2,3-cd)pyrene

Concen: 2.53 ng/ul

RT: 29.21 min Scan# 4488

Delta R.T. -0.01 min

Lab File: BG025100.D

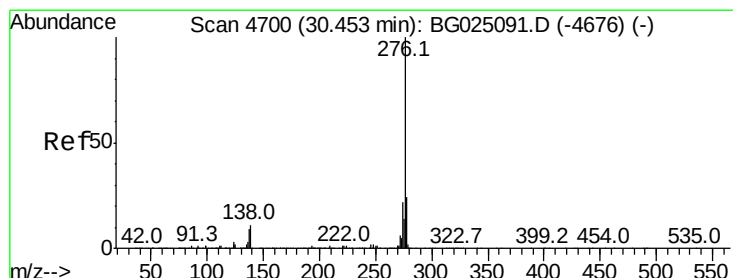
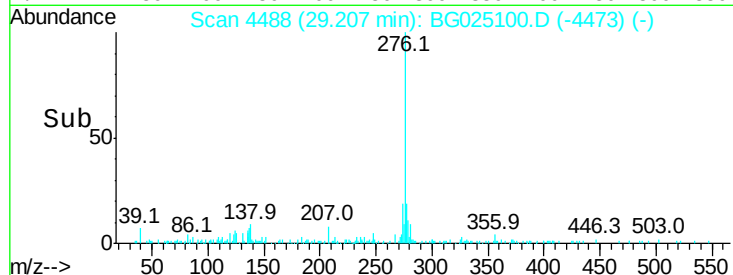
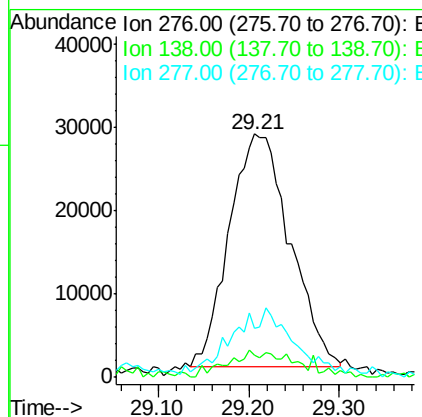
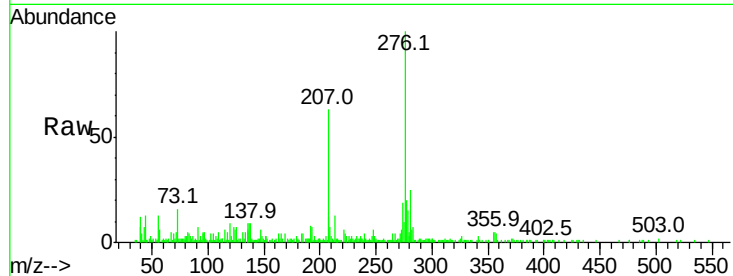
Acq: 11 Dec 2016 12:16

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	276	Resp:	129409
Ion	Ratio	Lower	Upper
276	100		
138	9.0	8.2	12.4
277	20.1	18.6	28.0



#91

Benzo(g,h,i)perylene

Concen: 2.21 ng/ul

RT: 30.45 min Scan# 4700

Delta R.T. -0.00 min

Lab File: BG025100.D

Acq: 11 Dec 2016 12:16

Tgt Ion:	276	Resp:	94055
Ion	Ratio	Lower	Upper
276	100		
138	13.3	8.6	12.8#
277	24.7	17.6	26.4

