

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101417\
 Data File : BG029218.D
 Acq On : 14 Oct 2017 8:49
 Operator : SJ/JU
 Sample : I5574-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 14 23:21:05 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 14 06:44:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	100434	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	442669	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	269078	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	626490	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	593003	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	589106	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	10358	4.19	ng/uL	0.00
5) Phenol-d5	7.32	99	196178	20.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	132314	21.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	150125	22.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	152327	19.57	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	79463	25.01	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	80898	24.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	156222	21.06	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	170839	19.82	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	553335	24.05	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	656760	23.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	68465	16.12	ng/ul	0.00
57) Fluorene-d10	15.78	176	478133	25.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	49387	16.15	ng/ul	0.00
70) Anthracene-d10	17.62	188	725202	24.48	ng/ul	0.00
76) Pyrene-d10	19.90	212	747271	24.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	646465	23.17	ng/ul	0.00

Target Compounds

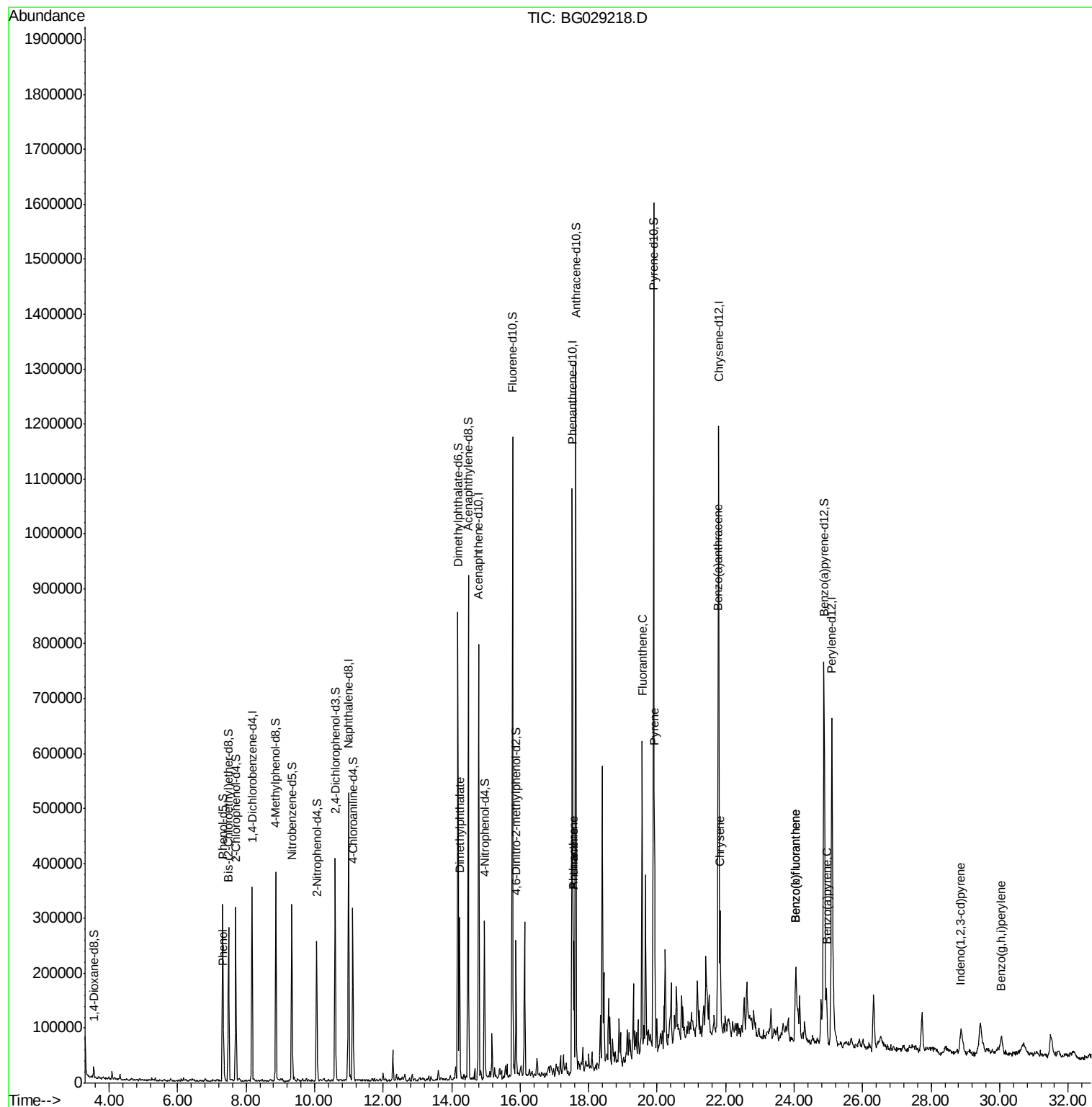
						Ovalue
6) Phenol	7.34	94	38616	3.87	ng/ul#	87
44) Dimethylphthalate	14.23	163	187057	8.34	ng/ul	99
69) Phenanthrene	17.56	178	154613	4.57	ng/ul	97
71) Anthracene	17.56	178	154613	4.42	ng/ul	98
74) Fluoranthene	19.56	202	250734	6.62	ng/ul#	89
77) Pyrene	19.92	202	252889	6.36	ng/ul#	90
80) Benzo(a)anthracene	21.78	228	125152	3.37	ng/ul	95
82) Chrysene	21.84	228	158387	4.69	ng/ul#	96
85) Benzo(b)fluoranthene	24.05	252	173432	4.90	ng/ul#	97
86) Benzo(k)fluoranthene	24.05	252	173432	5.07	ng/ul#	97
88) Benzo(a)pyrene	24.95	252	100156	2.91	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	28.87	276	67005	1.72	ng/ul#	83
91) Benzo(g,h,i)perylene	30.05	276	49248	1.53	ng/ul#	90

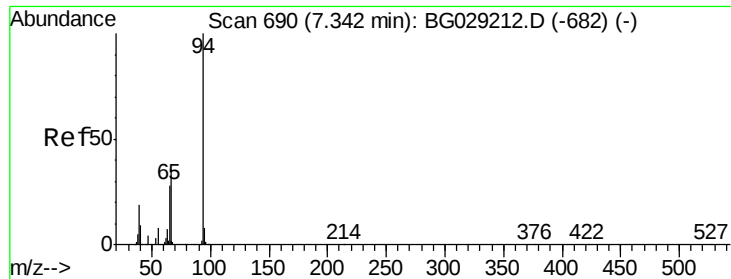
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 14 06:44:21 2017
Response via : Initial Calibration





#6

Phenol

Concen: 3.87 ng/ul

RT: 7.34 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG029218.D

Acq: 14 Oct 2017 8:49

Instrument :

BNA_G

ClientSampleId :

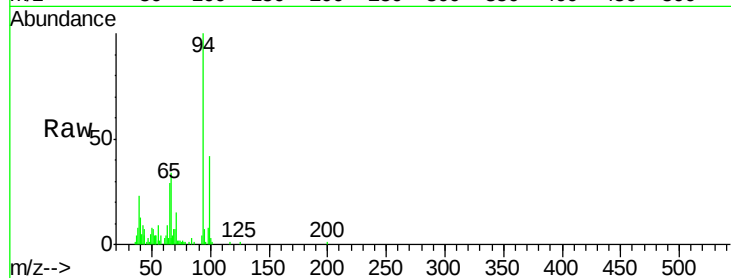
Tot Ion: 94 Resp: 38616

Ion Ratio Lower Upper

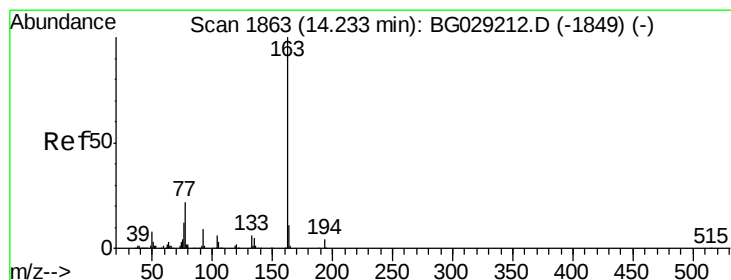
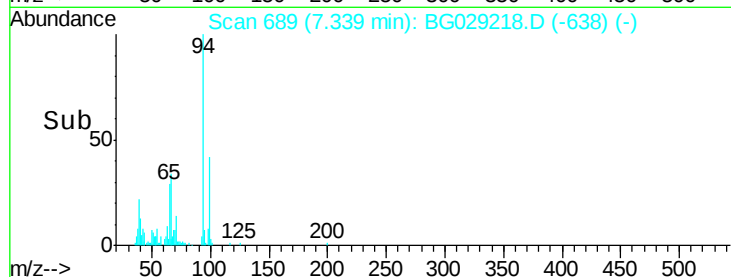
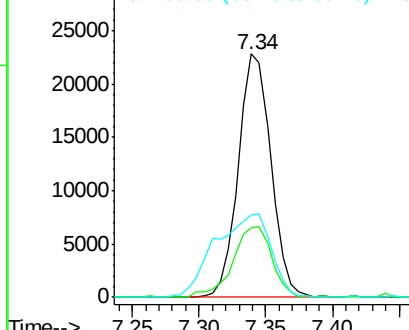
94 100

65 28.5 27.1 40.7

66 33.7 34.6 52.0#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#44

Dimethylphthalate

Concen: 8.34 ng/ul

RT: 14.23 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BG029218.D

Acq: 14 Oct 2017 8:49

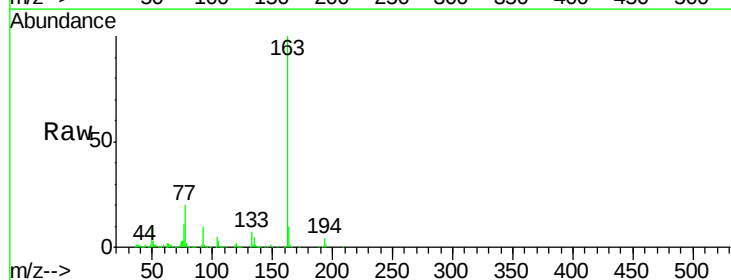
Tgt Ion:163 Resp: 187057

Ion Ratio Lower Upper

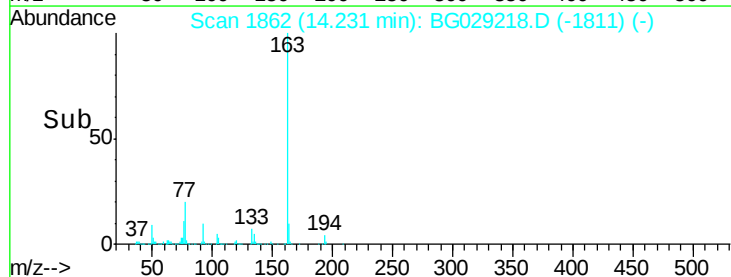
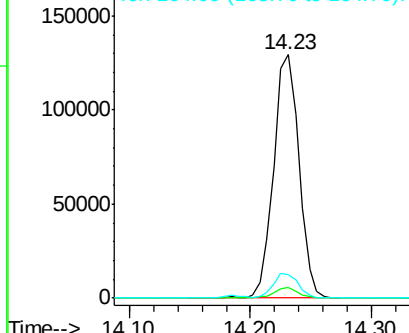
163 100

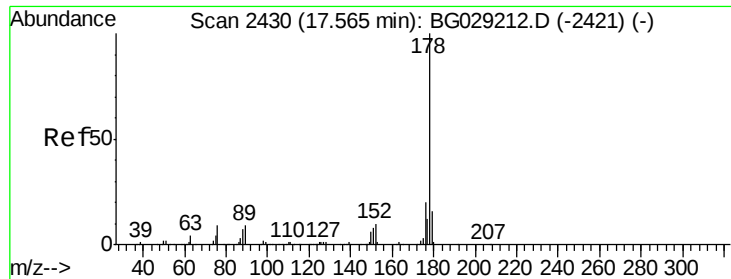
194 4.2 3.5 5.3

164 9.7 7.6 11.4



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: 4.57 ng/ul

RT: 17.56 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG029218.D

Acq: 14 Oct 2017 8:49

Instrument :

BNA_G

ClientSampleId :

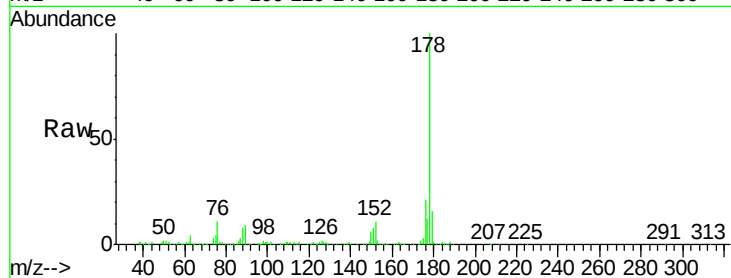
Tot Ion:178 Resp: 154613

Ion Ratio Lower Upper

178 100

179 16.0 13.0 19.6

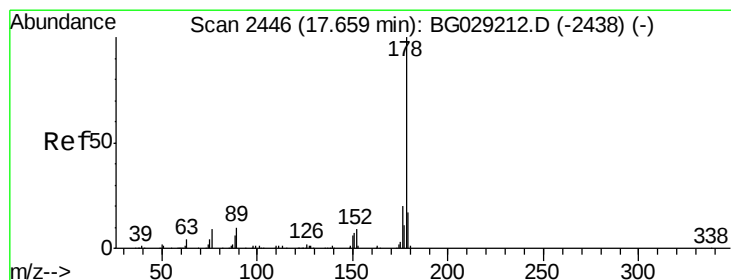
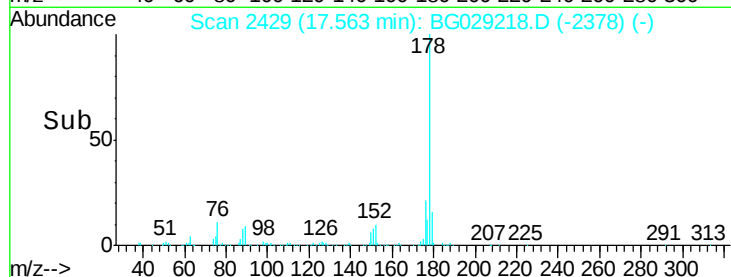
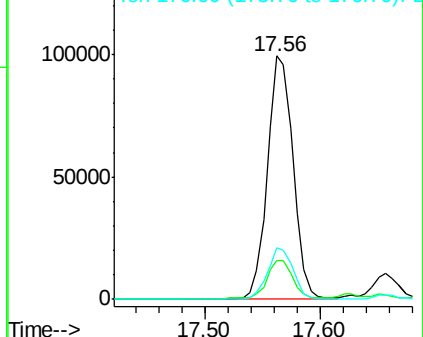
176 21.2 15.3 22.9



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



#71

Anthracene

Concen: 4.42 ng/ul

RT: 17.56 min Scan# 2429

Delta R.T. -0.10 min

Lab File: BG029218.D

Acq: 14 Oct 2017 8:49

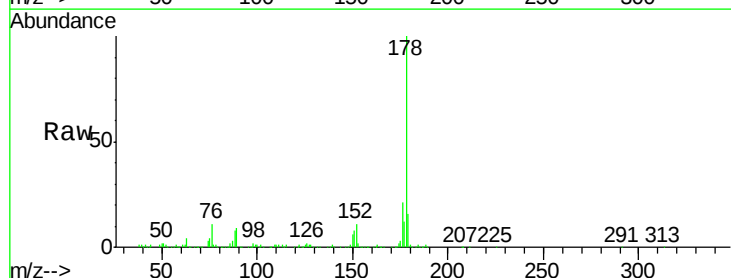
Tgt Ion:178 Resp: 154613

Ion Ratio Lower Upper

178 100

179 16.0 13.2 19.8

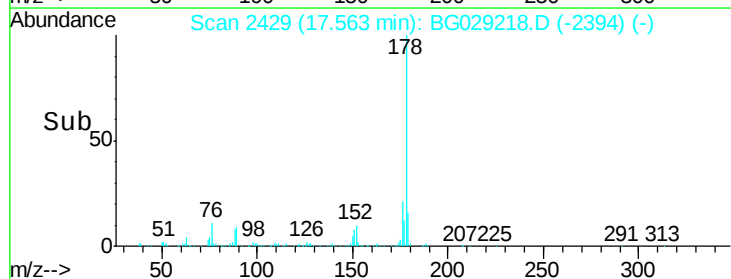
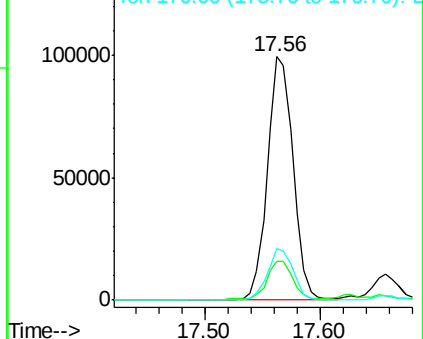
176 21.2 16.0 24.0

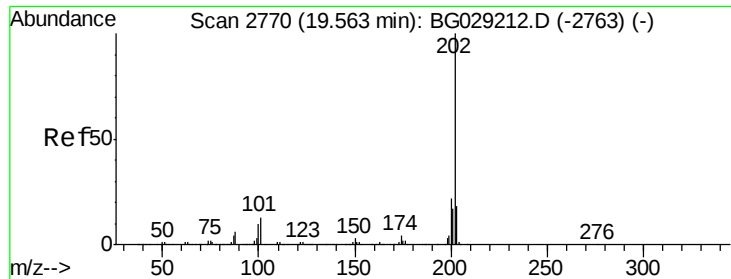


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 6.62 ng/ul

RT: 19.56 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG029218.D

Acq: 14 Oct 2017 8:49

Instrument :

BNA_G

ClientSampleId :

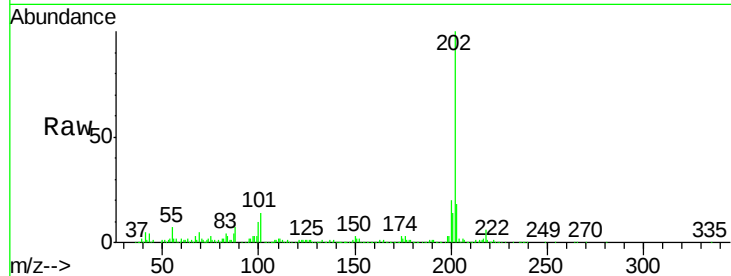
Tot Ion:202 Resp: 250734

Ion Ratio Lower Upper

202 100

101 13.6 7.4 11.2#

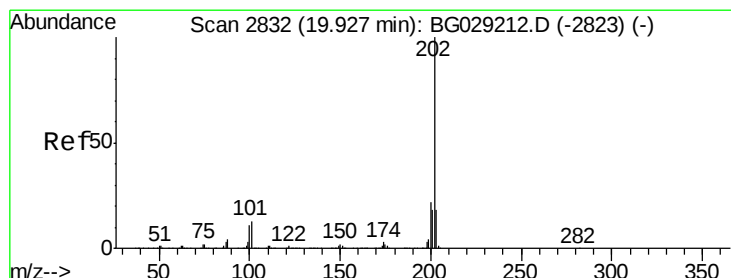
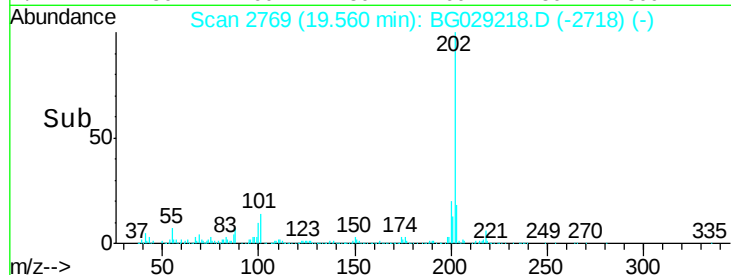
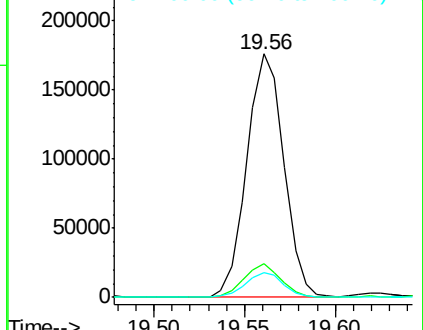
100 10.2 5.6 8.4#



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: 6.36 ng/ul

RT: 19.92 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BG029218.D

Acq: 14 Oct 2017 8:49

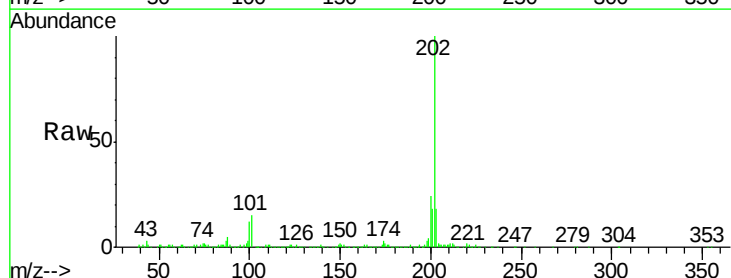
Tgt Ion:202 Resp: 252889

Ion Ratio Lower Upper

202 100

101 14.8 8.4 12.6#

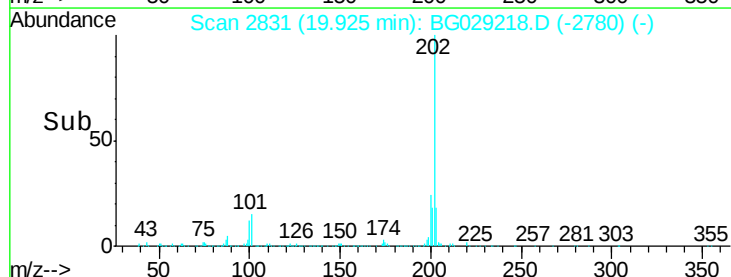
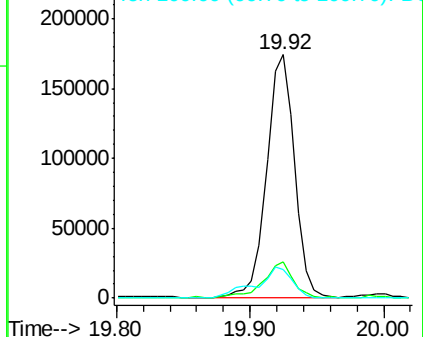
100 11.8 7.0 10.6#

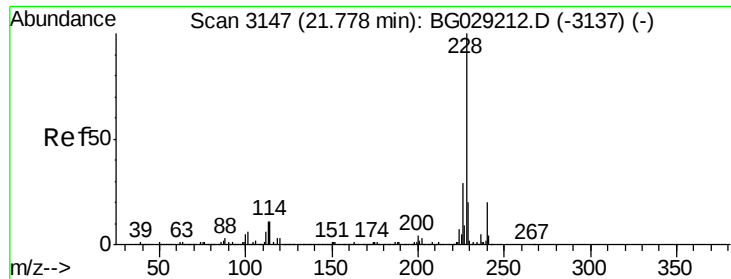


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

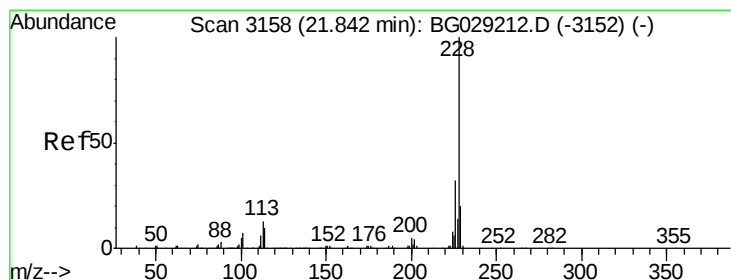
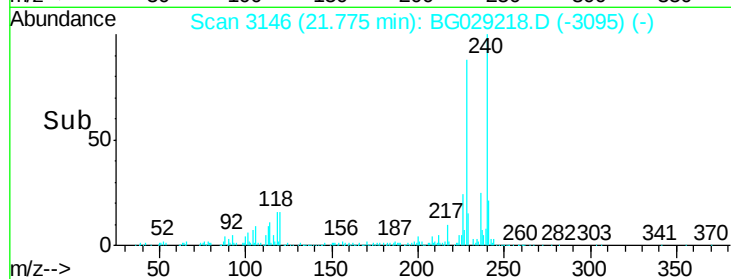
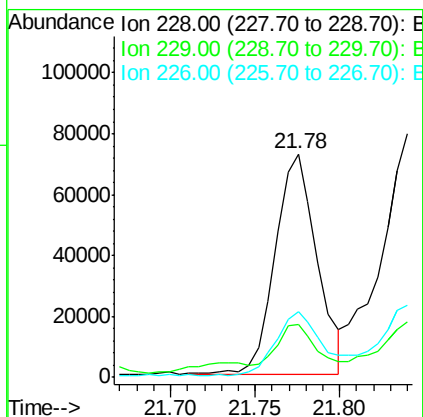
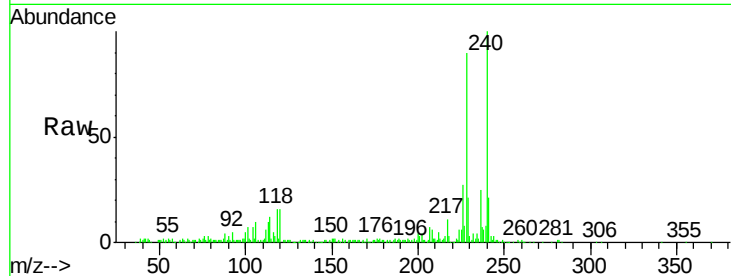




#80
Benzo(a)anthracene
Concen: 3.37 ng/ul
RT: 21.78 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BG029218.D
Acq: 14 Oct 2017 8:49

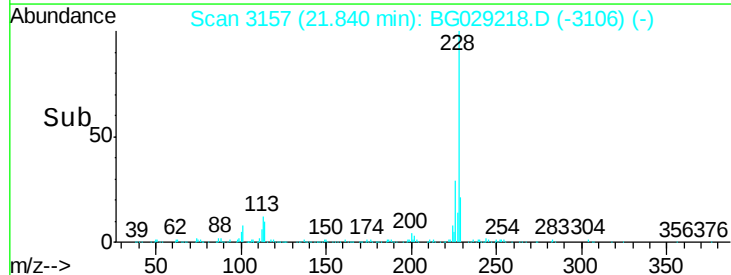
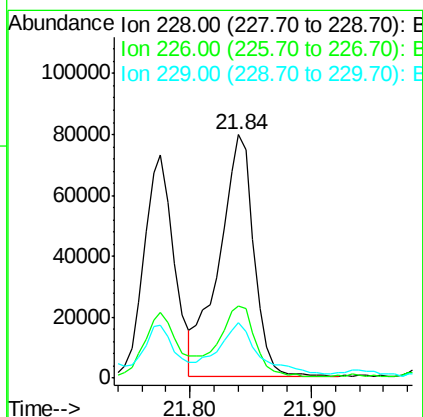
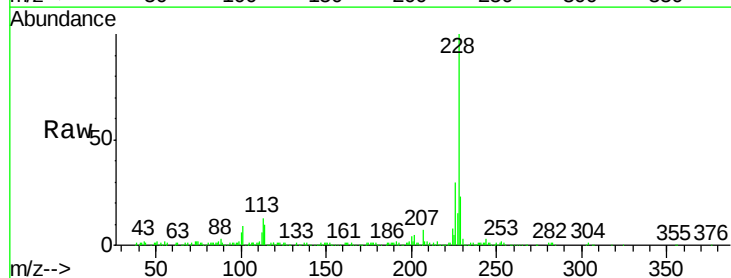
Instrument :
BNA_G
ClientSampled :

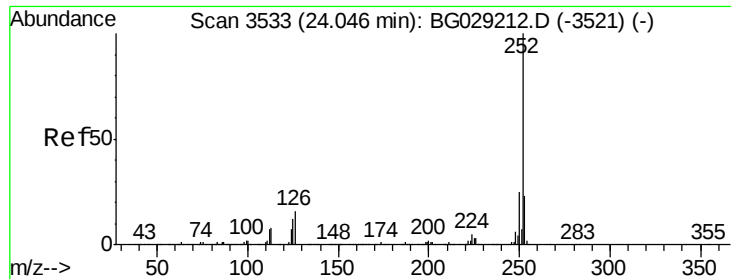
Tot Ion:228 Resp: 125152
Ion Ratio Lower Upper
228 100
229 23.5 16.2 24.4
226 29.4 22.2 33.2



#82
Chrysene
Concen: 4.69 ng/ul
RT: 21.84 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BG029218.D
Acq: 14 Oct 2017 8:49

Tgt Ion:228 Resp: 158387
Ion Ratio Lower Upper
228 100
226 29.8 24.2 36.2
229 22.9 15.2 22.8#

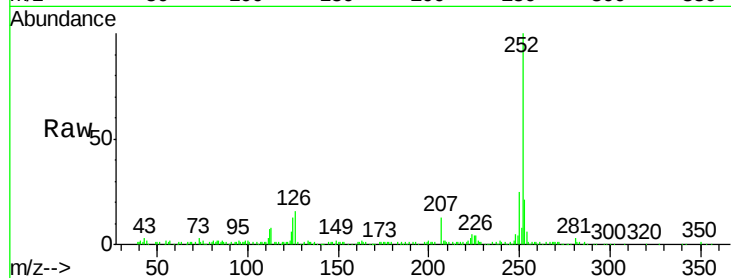




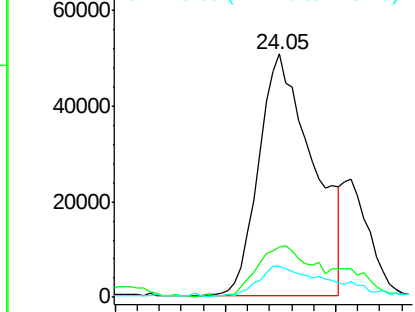
#85
Benzo(b)fluoranthene
Concen: 4.90 ng/ul
RT: 24.05 min Scan# 3533
Delta R.T. 0.00 min
Lab File: BG029218.D
Acq: 14 Oct 2017 8:49

Instrument :
BNA_G
ClientSampleId :

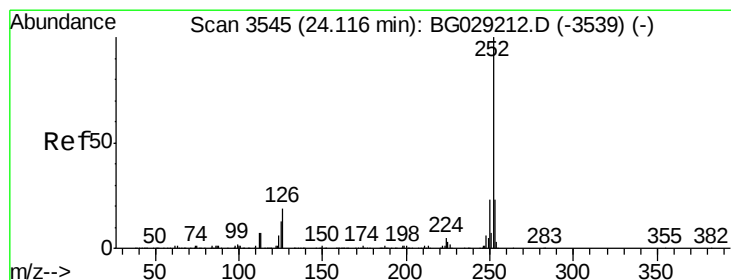
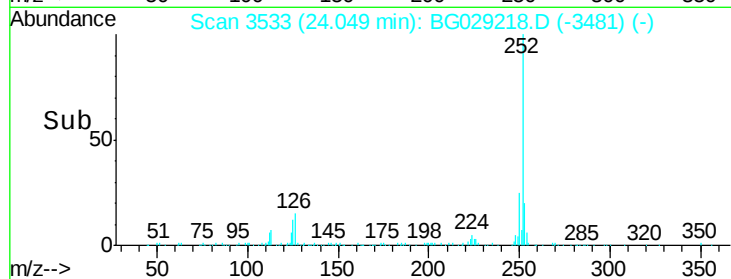
Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.0	25.4
125	12.7	7.5	11.3



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

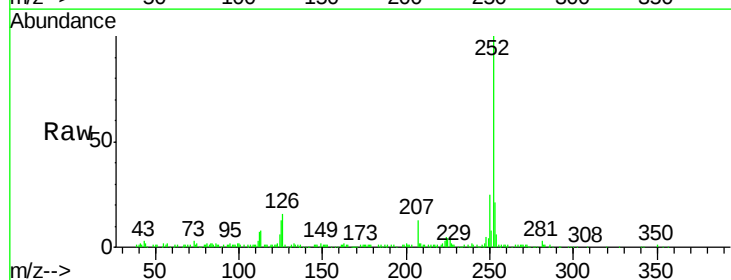


Time--> 23.90 24.00 24.10

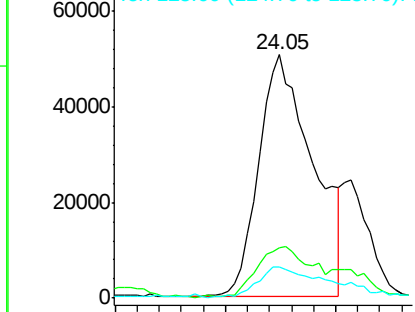


#86
Benzo(k)fluoranthene
Concen: 5.07 ng/ul
RT: 24.05 min Scan# 3533
Delta R.T. -0.07 min
Lab File: BG029218.D
Acq: 14 Oct 2017 8:49

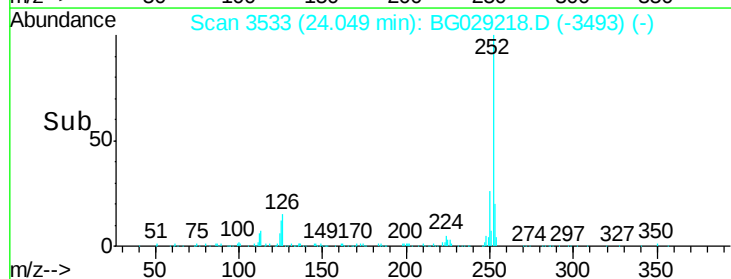
Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.2	25.8
125	12.7	7.8	11.8

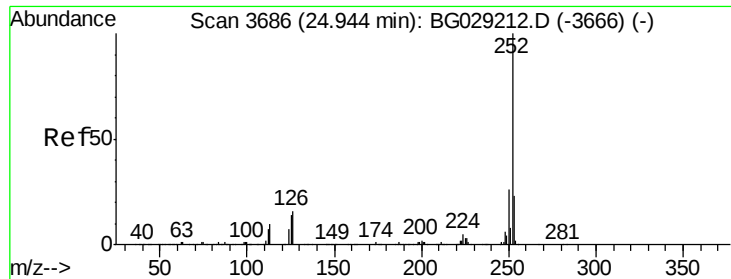


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time--> 23.90 24.00 24.10

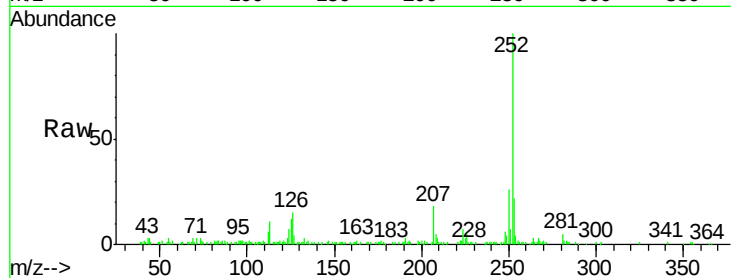




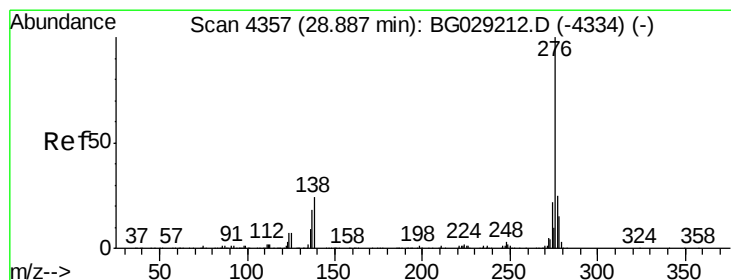
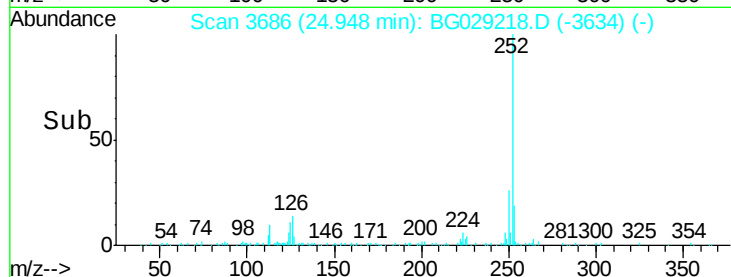
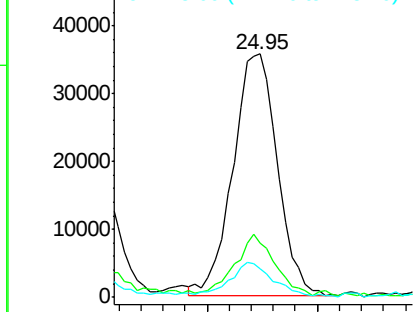
#88
Benzo(a)pyrene
Concen: 2.91 ng/ul
RT: 24.95 min Scan# 3686
Delta R.T. 0.00 min
Lab File: BG029218.D
Acq: 14 Oct 2017 8:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:252 Resp: 100156
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 11.9 7.8 11.8#

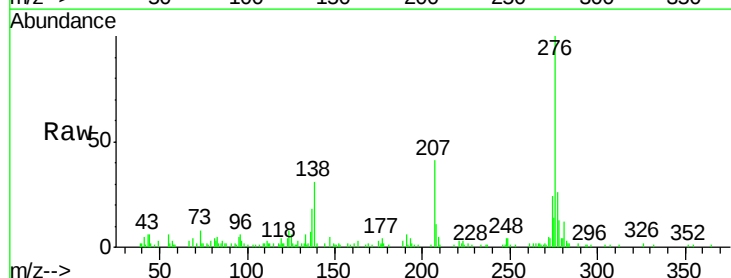


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

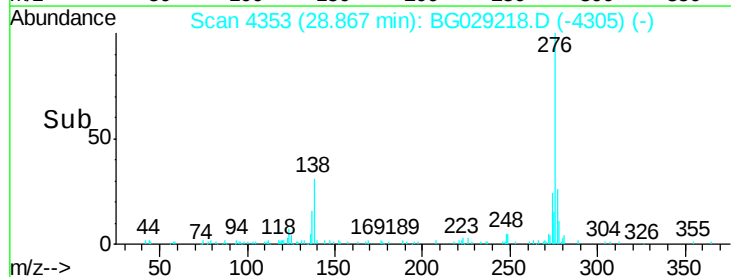
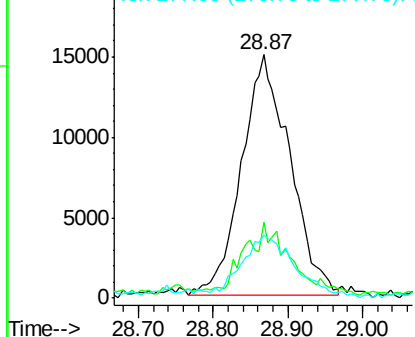


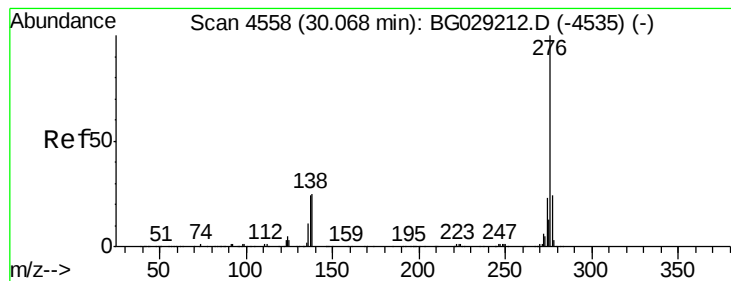
#89
Indeno(1,2,3-cd)pyrene
Concen: 1.72 ng/ul
RT: 28.87 min Scan# 4353
Delta R.T. -0.02 min
Lab File: BG029218.D
Acq: 14 Oct 2017 8:49

Tgt Ion:276 Resp: 67005
Ion Ratio Lower Upper
276 100
138 31.4 13.4 20.0#
277 26.0 18.6 28.0



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





#91

Benzo(a,h,i)perylene

Concen: 1.53 ng/ul

RT: 30.05 min Scan# 4554

Delta R.T. -0.02 min

Lab File: BG029218.D

Acq: 14 Oct 2017 8:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 49248

Ion Ratio Lower Upper

276 100

138 25.2 12.1 18.1#

277 22.3 17.7 26.5

