

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
 Data File : BG029250.D
 Acq On : 15 Oct 2017 8:54
 Operator : SJ/JU
 Sample : I5593-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 16 08:37:13 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 15 07:39:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	120140	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	520575	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	311693	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	662879	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	606239	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	606813	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	9909	3.35	ng/uL	0.00
5) Phenol-d5	7.32	99	166302	14.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	137450	19.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	143933	17.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	82000	8.80	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	84813	22.69	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	90743	23.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	147298	16.88	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	113098	11.16	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	510276	19.15	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	639417	19.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	46770	9.51	ng/ul	0.00
57) Fluorene-d10	15.78	176	436381	19.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	45014	13.91	ng/ul	0.00
70) Anthracene-d10	17.63	188	615610	19.64	ng/ul	0.00
76) Pyrene-d10	19.89	212	624171	19.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	540297	18.80	ng/ul	0.00

Target Compounds

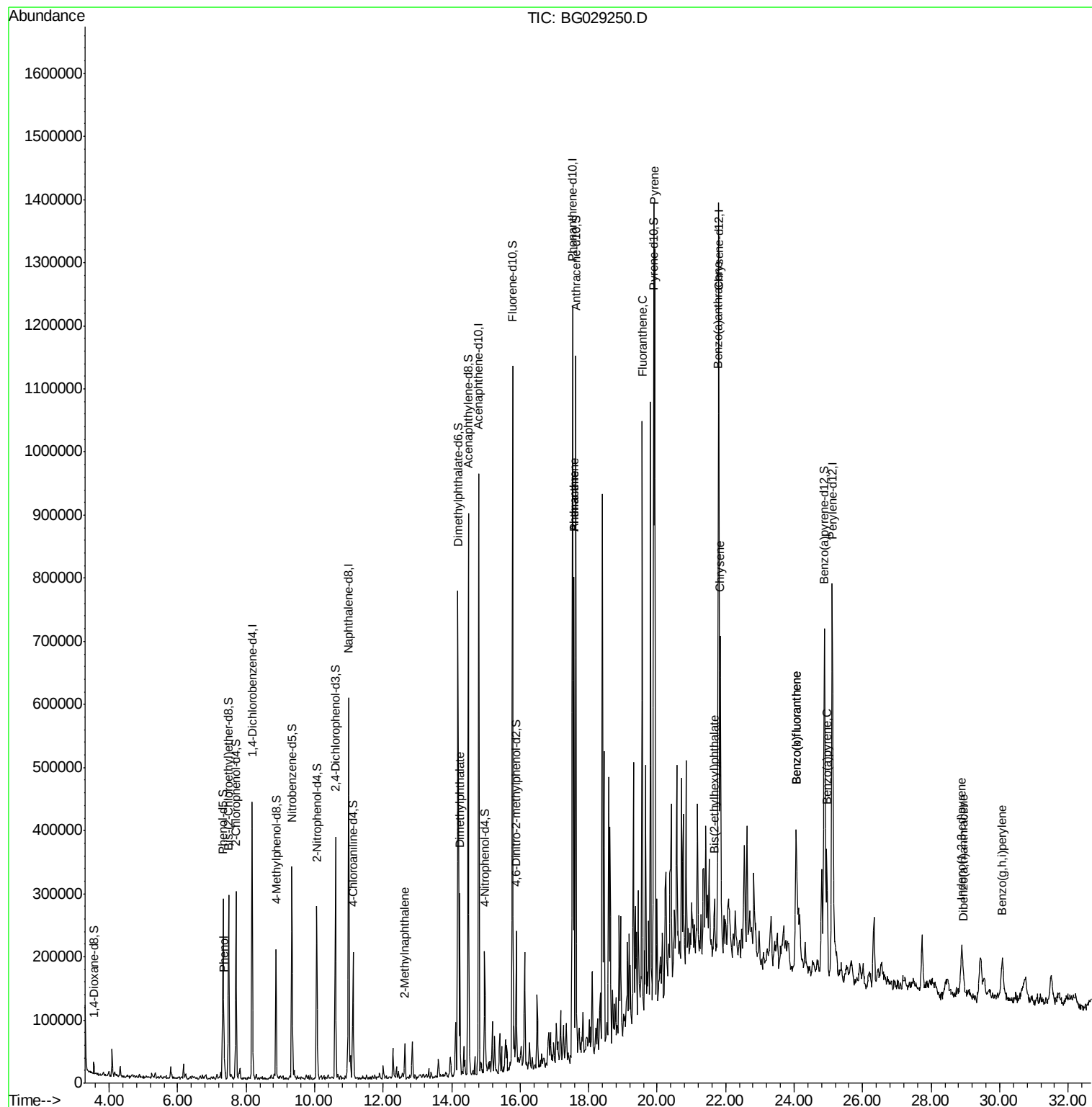
					Ovalue	
6) Phenol	7.35	94	45232	3.791	ng/ul#	85
34) 2-Methylnaphthalene	12.63	142	26150	1.147	ng/ul	93
44) Dimethylphthalate	14.23	163	176565	6.793	ng/ul	99
69) Phenanthrene	17.57	178	453843	12.665	ng/ul	98
71) Anthracene	17.57	178	453843	12.275	ng/ul	99
74) Fluoranthene	19.57	202	488912	12.208	ng/ul#	91
77) Pyrene	19.92	202	695553	17.119	ng/ul#	89
80) Benzo(a)anthracene	21.78	228	227928	5.999	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.68	149	25836	1.082	ng/ul#	99
82) Chrysene	21.85	228	345093	9.997	ng/ul	94
85) Benzo(b)fluoranthene	24.06	252	283227	7.775	ng/ul#	95
86) Benzo(k)fluoranthene	24.06	252	283227	8.041	ng/ul#	95
88) Benzo(a)pyrene	24.96	252	207192	5.843	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	28.89	276	124834	3.112	ng/ul#	89
90) Dibenzo(a,h)anthracene	28.94	278	39397	1.182	ng/ul#	86
91) Benzo(g,h,i)perylene	30.09	276	115291	3.467	ng/ul#	85

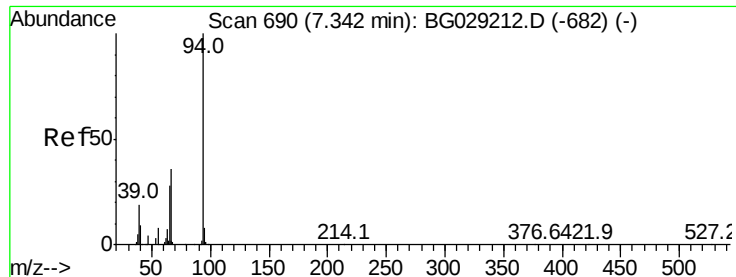
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
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Quant Time: Oct 16 08:37:13 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 07:39:50 2017
Response via : Initial Calibration





#6

Phenol

Concen: 3.791 ng/ul

RT: 7.35 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG029250.D

Acq: 15 Oct 2017 8:54

Instrument :

BNA_G

ClientSampleId :

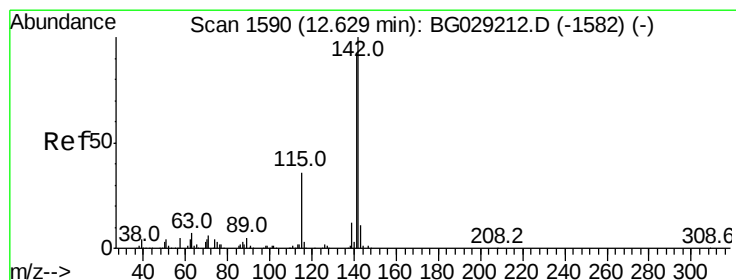
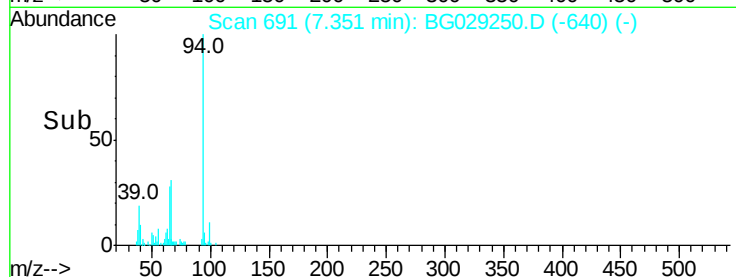
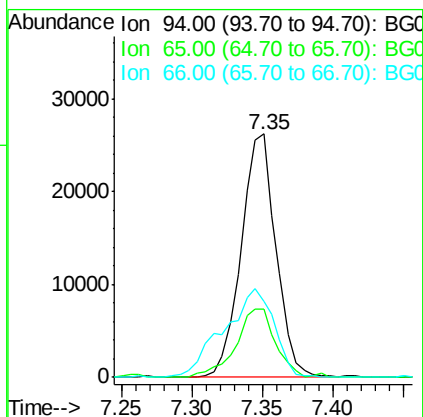
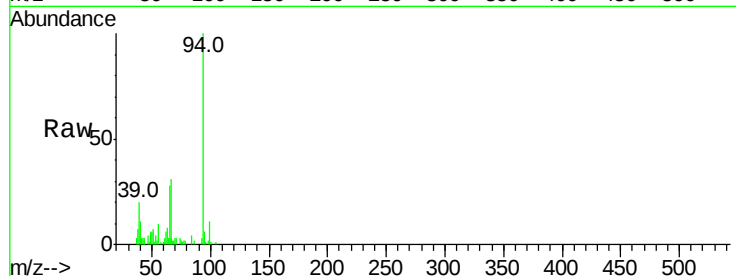
Tot Ion: 94 Resp: 45232

Ion Ratio Lower Upper

94 100

65 28.1 27.1 40.7

66 31.1 34.6 52.0#



#34

2-Methylnaphthalene

Concen: 1.147 ng/ul

RT: 12.63 min Scan# 1590

Delta R.T. 0.00 min

Lab File: BG029250.D

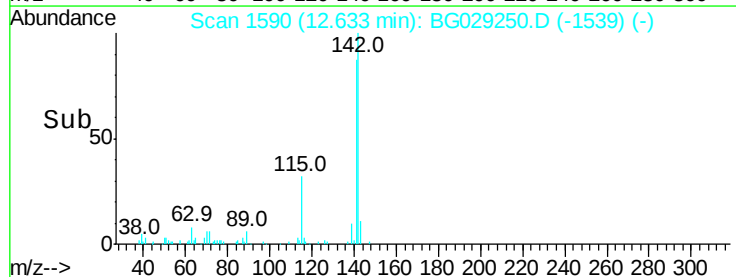
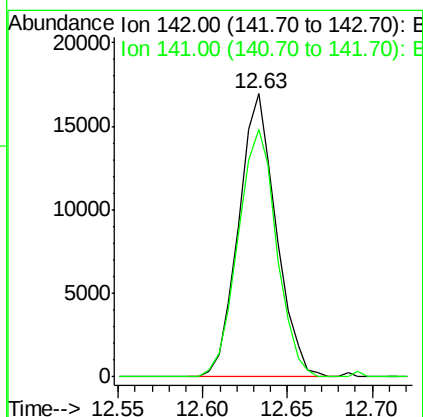
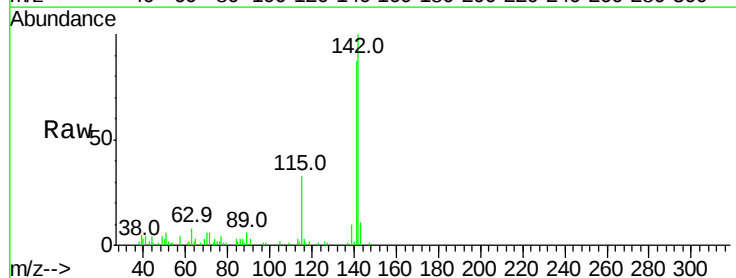
Acq: 15 Oct 2017 8:54

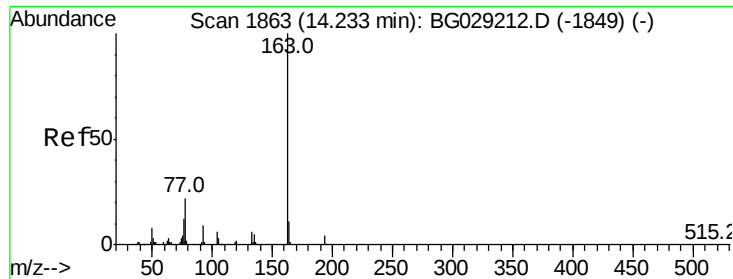
Tgt Ion: 142 Resp: 26150

Ion Ratio Lower Upper

142 100

141 87.3 75.4 113.0





#44

Dimethylphthalate

Concen: 6.793 ng/ul

RT: 14.23 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG029250.D

Acq: 15 Oct 2017 8:54

Instrument :

BNA_G

ClientSampleId :

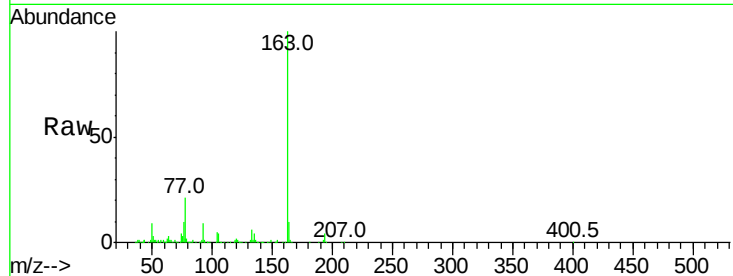
Tot Ion:163 Resp: 176565

Ion Ratio Lower Upper

163 100

194 3.6 3.5 5.3

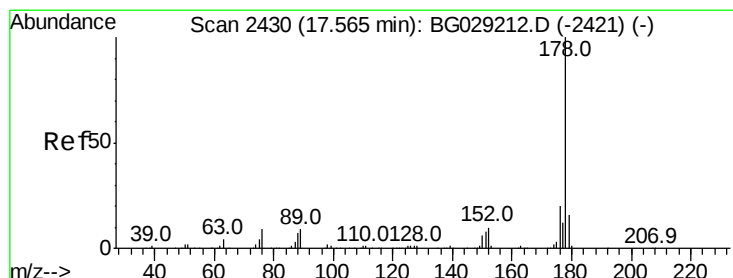
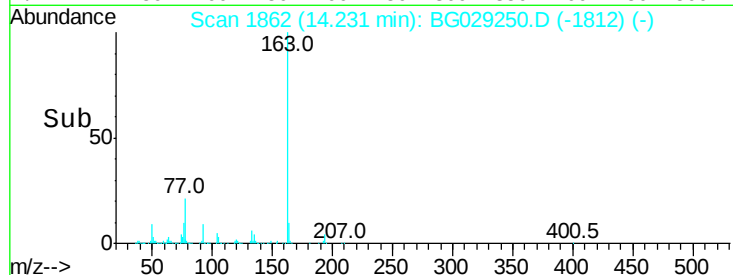
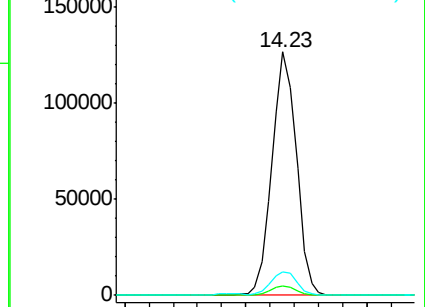
164 9.8 7.6 11.4



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: 12.665 ng/ul

RT: 17.57 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG029250.D

Acq: 15 Oct 2017 8:54

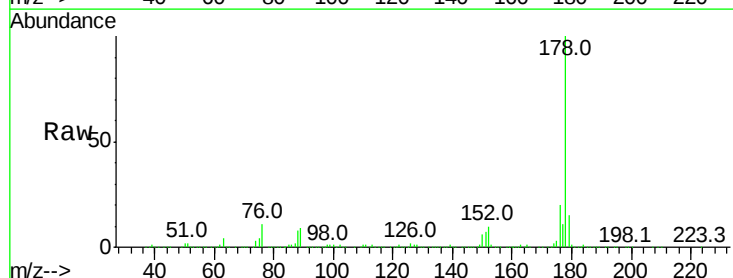
Tgt Ion:178 Resp: 453843

Ion Ratio Lower Upper

178 100

179 15.3 13.0 19.6

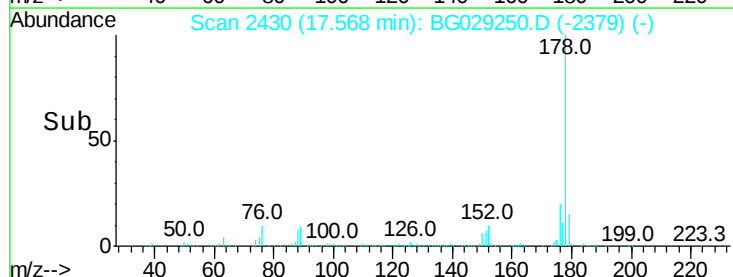
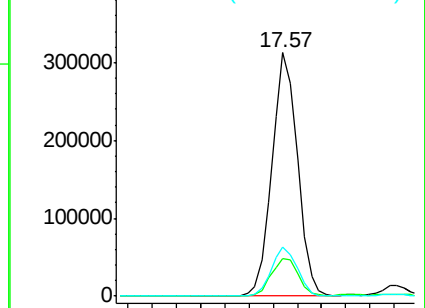
176 20.0 15.3 22.9

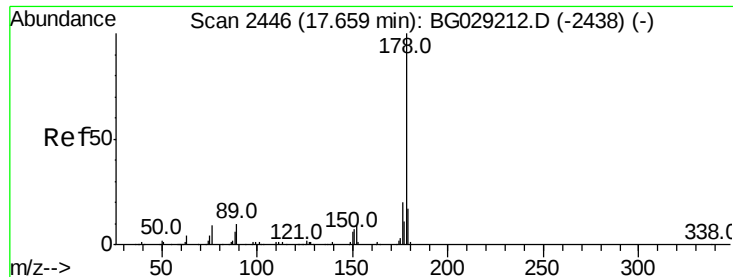


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 12.275 ng/ul

RT: 17.57 min Scan# 2430

Delta R.T. -0.09 min

Lab File: BG029250.D

Acq: 15 Oct 2017 8:54

Instrument :

BNA_G

ClientSampleId :

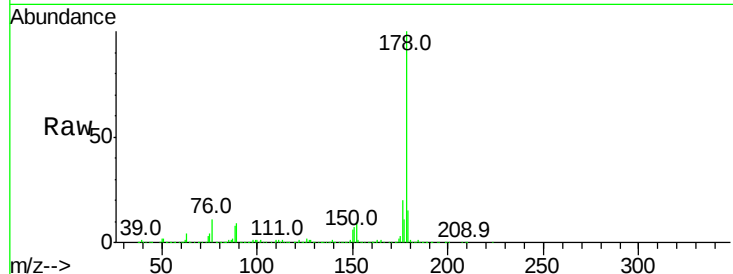
Tot Ion:178 Resp: 453843

Ion Ratio Lower Upper

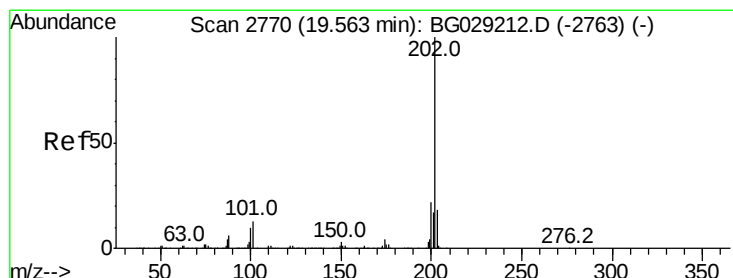
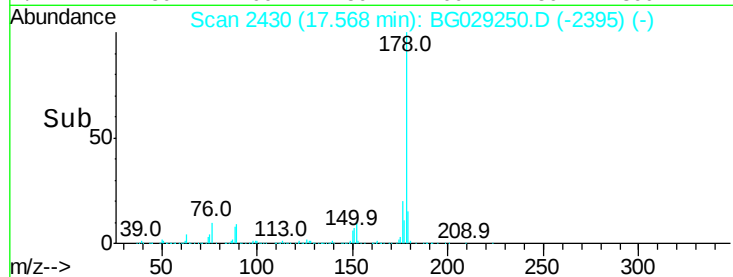
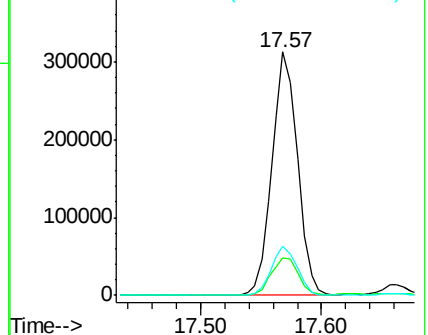
178 100

179 15.3 13.2 19.8

176 20.0 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: 12.208 ng/ul

RT: 19.57 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BG029250.D

Acq: 15 Oct 2017 8:54

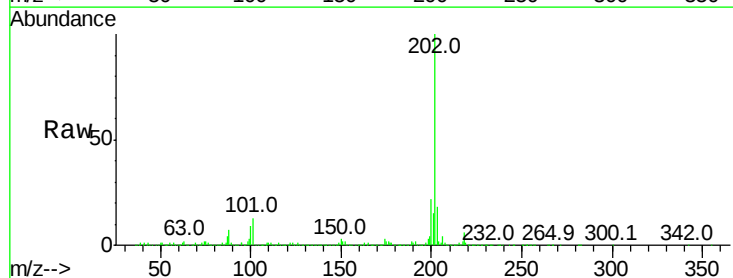
Tgt Ion:202 Resp: 488912

Ion Ratio Lower Upper

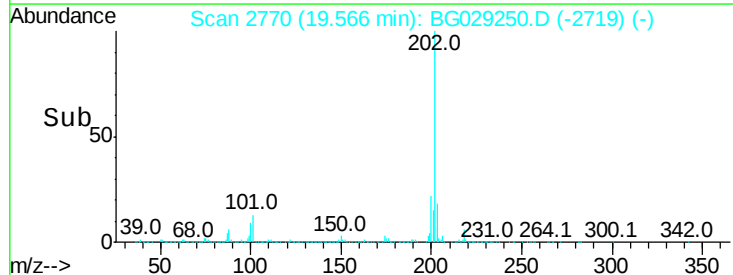
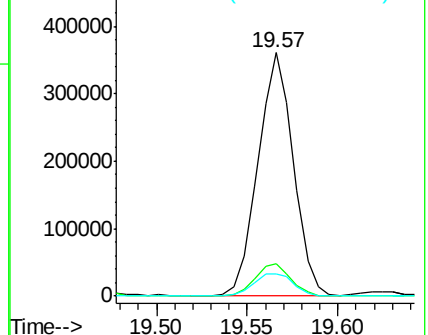
202 100

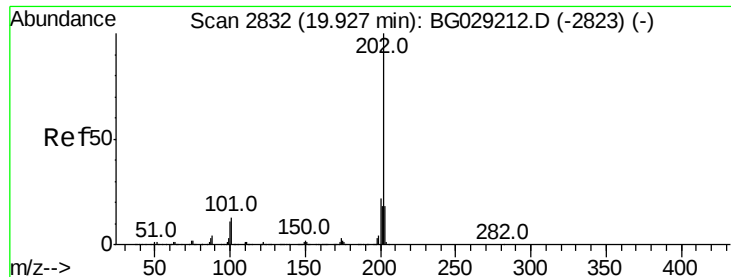
101 13.2 7.4 11.2#

100 9.2 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

Pvrene

Concen: 17.119 ng/ul

RT: 19.92 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG029250.D

Acq: 15 Oct 2017 8:54

Instrument :

BNA_G

ClientSampleId :

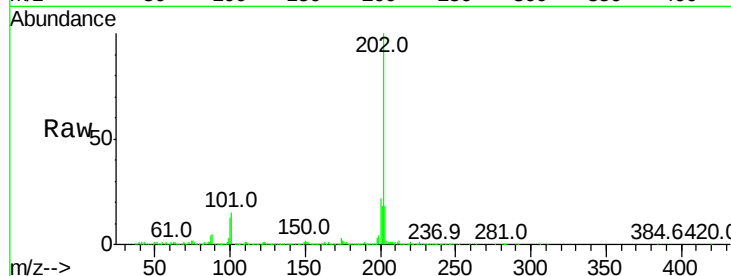
Tot Ion:202 Resp: 695553

Ion Ratio Lower Upper

202 100

101 14.8 8.4 12.6#

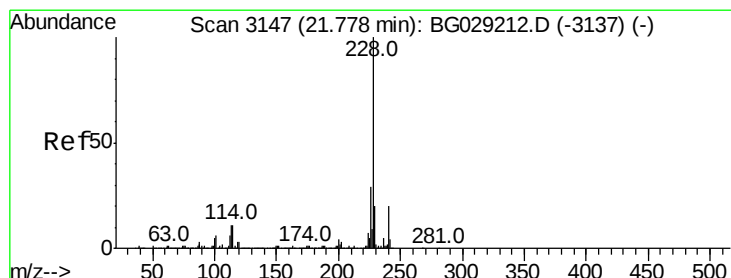
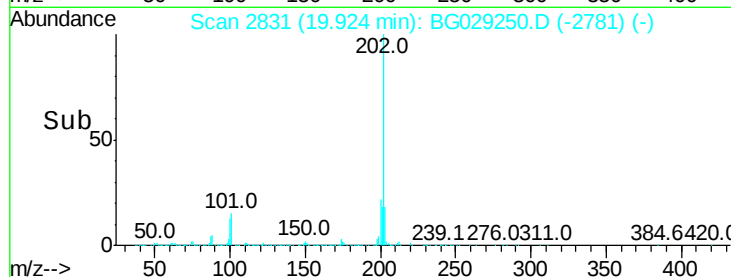
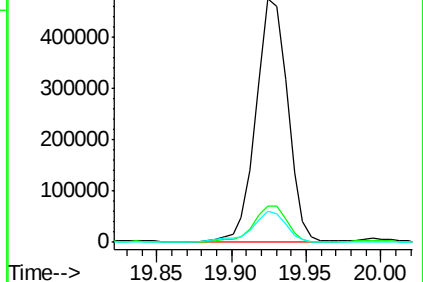
100 12.8 7.0 10.6#



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): E



#80

Benzo(a)anthracene

Concen: 5.999 ng/ul

RT: 21.78 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG029250.D

Acq: 15 Oct 2017 8:54

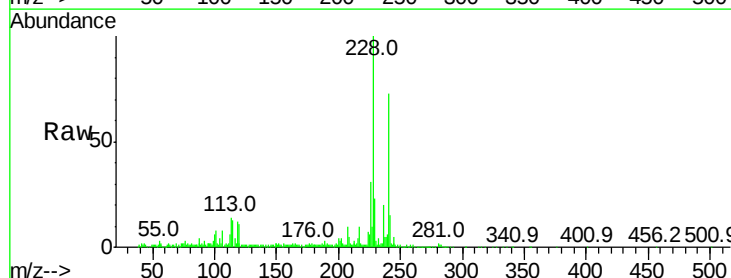
Tgt Ion:228 Resp: 227928

Ion Ratio Lower Upper

228 100

229 22.5 16.2 24.4

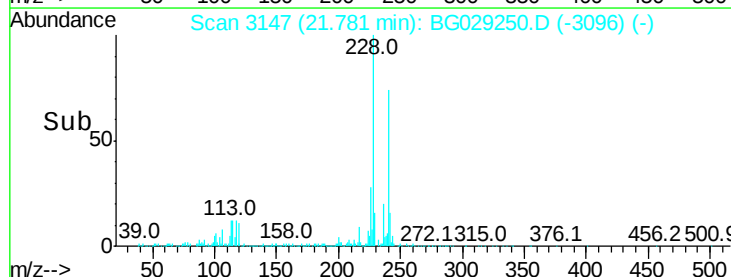
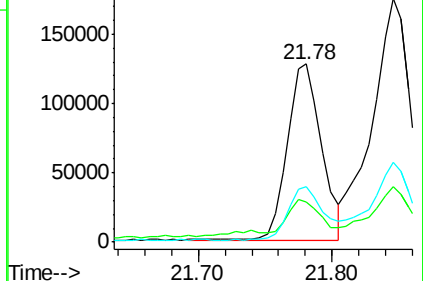
226 31.1 22.2 33.2

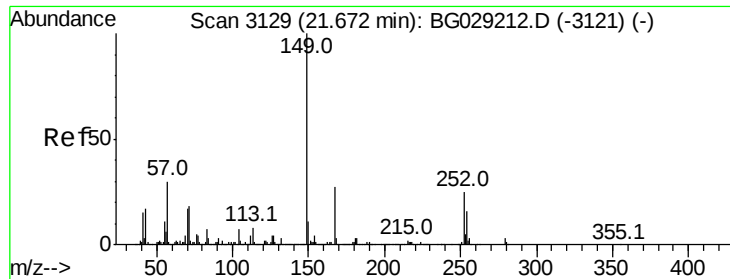


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

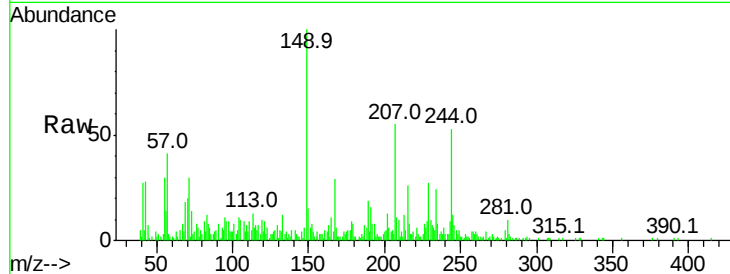




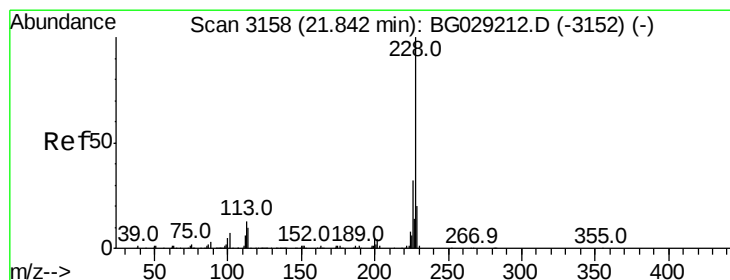
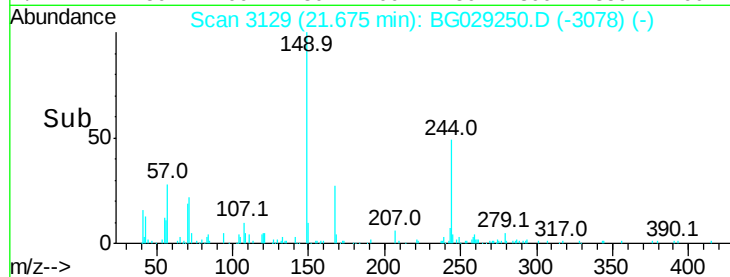
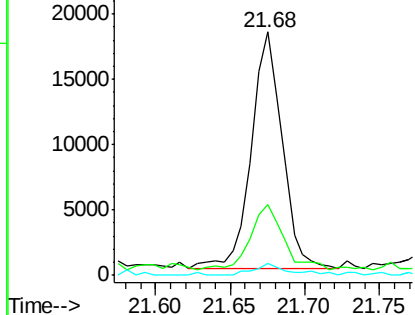
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.082 ng/ul
 RT: 21.68 min Scan# 3129
 Delta R.T. 0.00 min
 Lab File: BG029250.D
 Acq: 15 Oct 2017 8:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 25836
 Ion Ratio Lower Upper
 149 100
 167 29.3 23.2 34.8
 279 4.9 3.1 4.7#

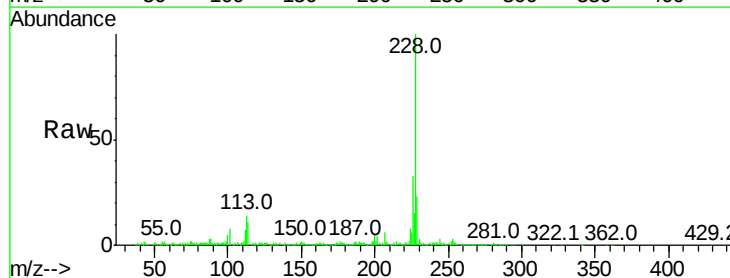


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

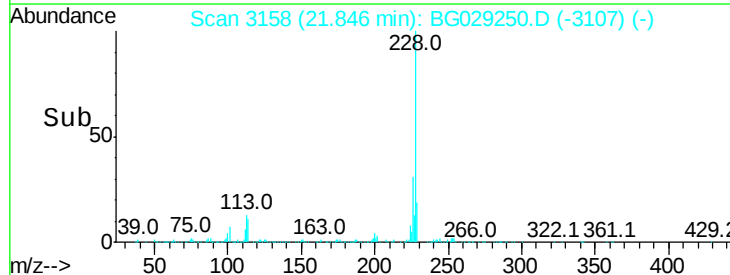
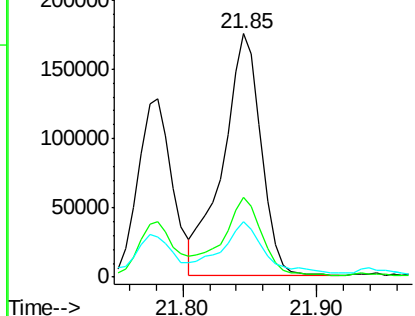


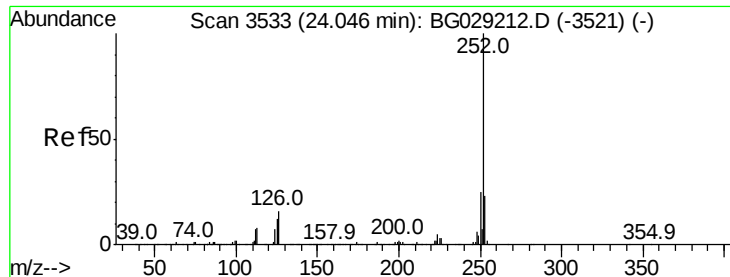
#82
 Chrysene
 Concen: 9.997 ng/ul
 RT: 21.85 min Scan# 3158
 Delta R.T. 0.00 min
 Lab File: BG029250.D
 Acq: 15 Oct 2017 8:54

Tgt Ion:228 Resp: 345093
 Ion Ratio Lower Upper
 228 100
 226 32.8 24.2 36.2
 229 22.7 15.2 22.8



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





#85

Benzo(b)fluoranthene

Concen: 7.775 ng/ul

RT: 24.06 min Scan# 3535

Delta R.T. 0.00 min

Lab File: BG029250.D

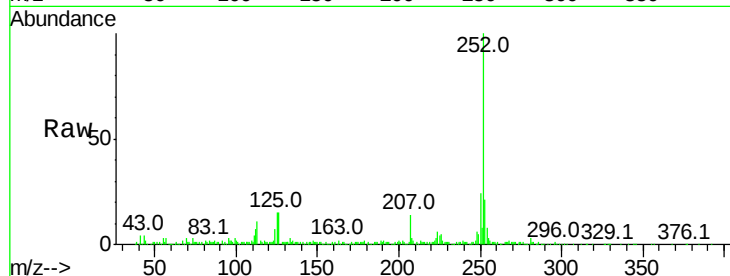
Acq: 15 Oct 2017 8:54

Instrument :

BNA_G

ClientSampleId :

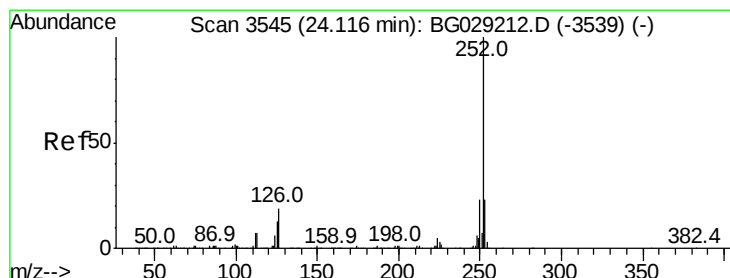
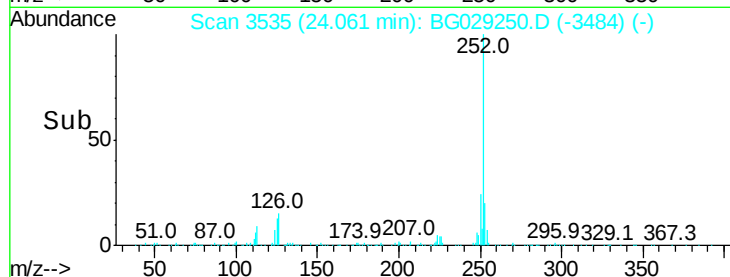
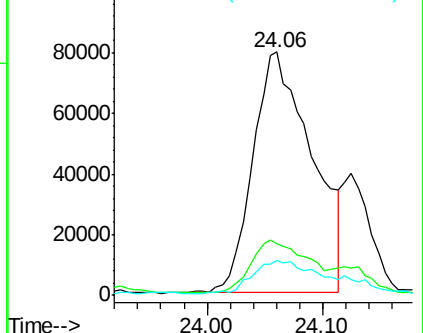
Tot Ion:	252	Resp:	283227
Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.0	25.4
125	14.5	7.5	11.3#



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



#86

Benzo(k)fluoranthene

Concen: 8.041 ng/ul

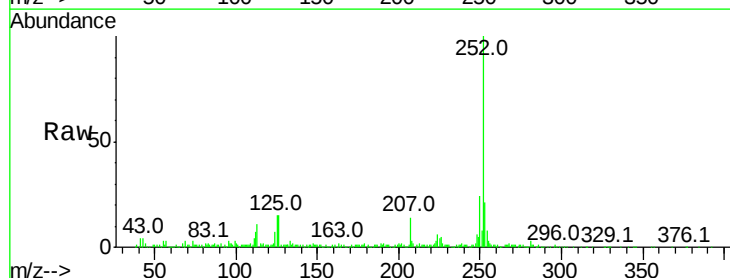
RT: 24.06 min Scan# 3535

Delta R.T. -0.06 min

Lab File: BG029250.D

Acq: 15 Oct 2017 8:54

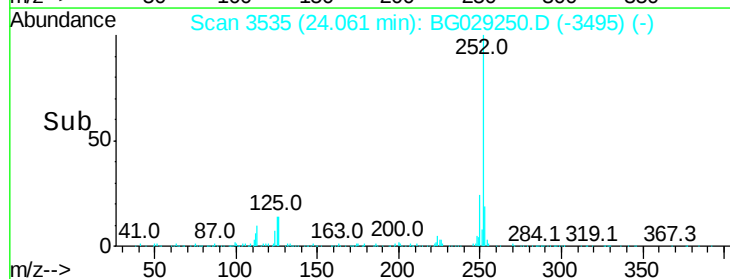
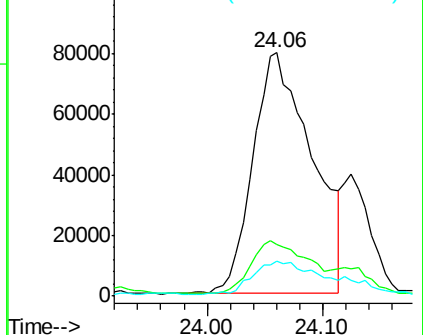
Tgt Ion:	252	Resp:	283227
Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.2	25.8
125	14.5	7.8	11.8#

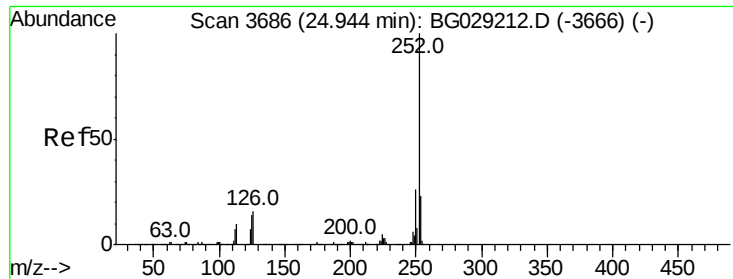


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 5.843 ng/ul

RT: 24.96 min Scan# 3688

Delta R.T. 0.01 min

Lab File: BG029250.D

Acq: 15 Oct 2017 8:54

Instrument :

BNA_G

ClientSampleId :

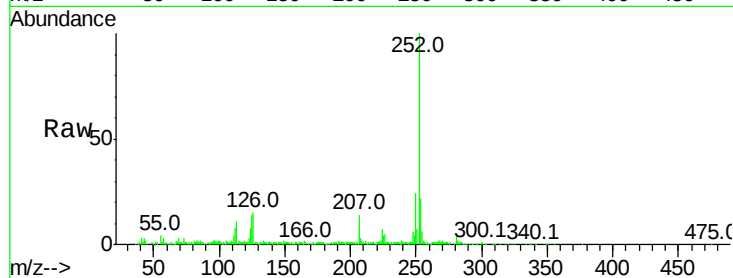
Tot Ion:252 Resp: 207192

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

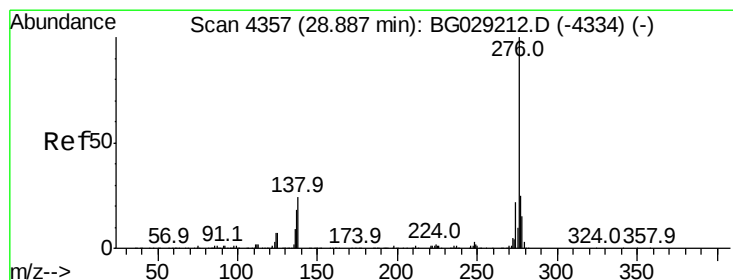
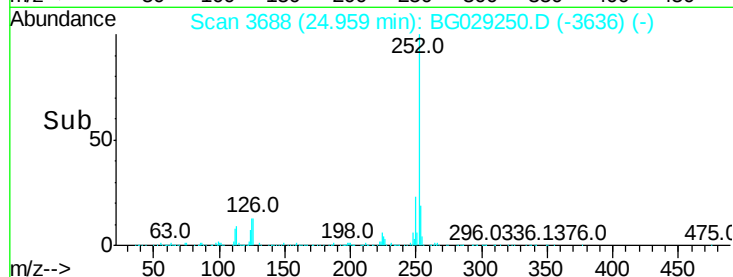
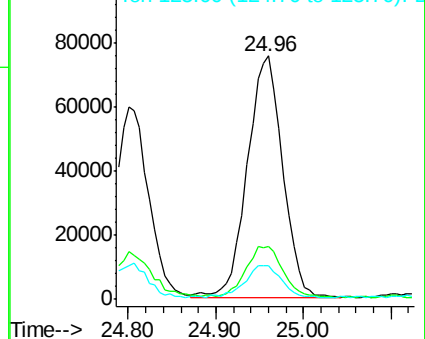
125 14.0 7.8 11.8#



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: 3.112 ng/ul

RT: 28.89 min Scan# 4357

Delta R.T. -0.01 min

Lab File: BG029250.D

Acq: 15 Oct 2017 8:54

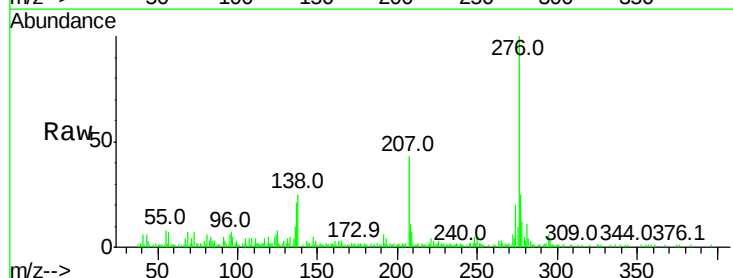
Tgt Ion:276 Resp: 124834

Ion Ratio Lower Upper

276 100

138 25.5 13.4 20.0#

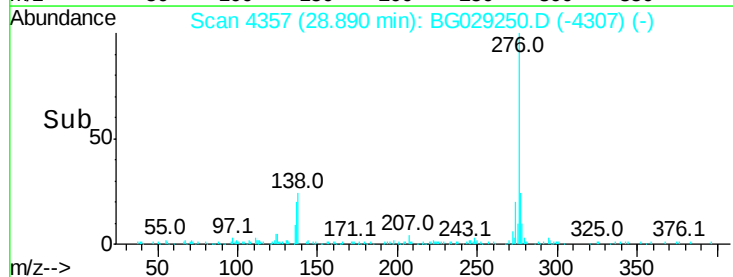
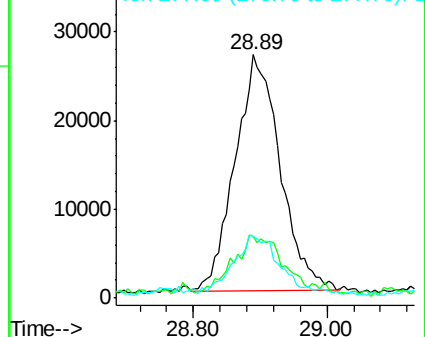
277 25.2 18.6 28.0

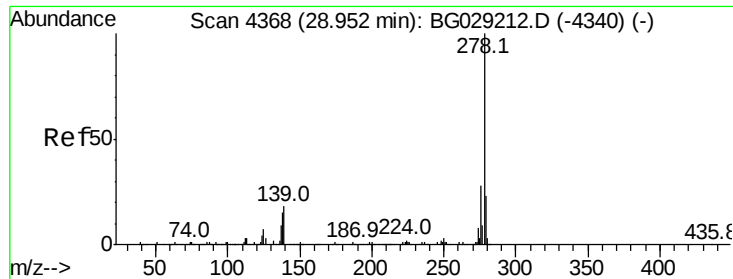


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 1.182 ng/ul

RT: 28.94 min Scan# 4365

Delta R.T. -0.03 min

Lab File: BG029250.D

Acq: 15 Oct 2017 8:54

Instrument :

BNA_G

ClientSampleId :

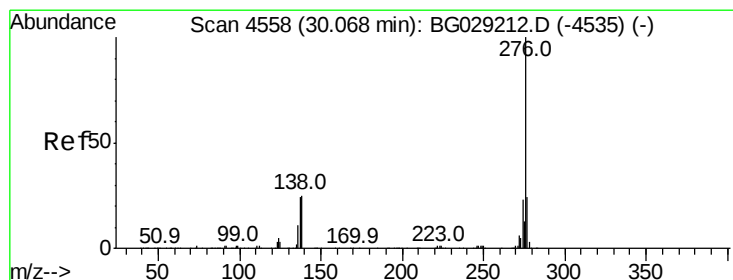
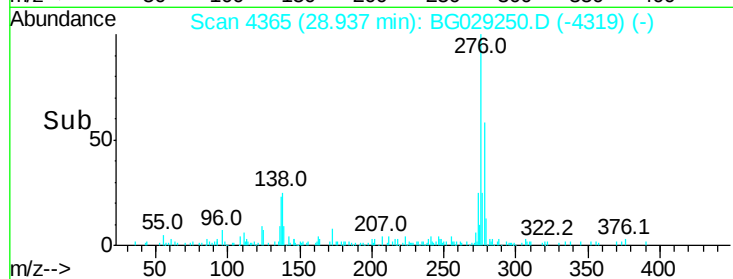
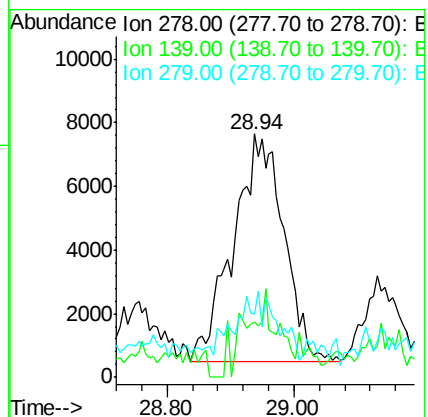
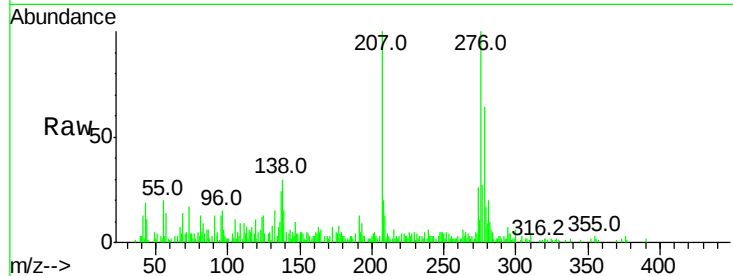
Tot Ion:278 Resp: 39397

Ion Ratio Lower Upper

278 100

139 22.7 9.4 14.2#

279 26.0 18.4 27.6



#91

Benzo(g,h,i)perylene

Concen: 3.467 ng/ul

RT: 30.09 min Scan# 4561

Delta R.T. 0.00 min

Lab File: BG029250.D

Acq: 15 Oct 2017 8:54

Tgt Ion:276 Resp: 115291

Ion Ratio Lower Upper

276 100

138 27.8 12.1 18.1#

277 20.3 17.7 26.5

