

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101417\
 Data File : BG029214.D
 Acq On : 14 Oct 2017 6:09
 Operator : SJ/JU
 Sample : I5574-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 14 06:44:36 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	105838	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	452576	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	279854	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	642305	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	611422	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	611102	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	13891	5.33	ng/uL	0.00
5) Phenol-d5	7.31	99	287224	28.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	184192	28.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	209081	29.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	234114	28.54	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	106999	32.93	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	114049	34.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	223596	29.48	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	261477	29.67	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	733249	30.65	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	895880	30.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	105469	23.88	ng/ul	0.00
57) Fluorene-d10	15.78	176	645168	32.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	79322	25.30	ng/ul	0.00
70) Anthracene-d10	17.62	188	947542	31.19	ng/ul	0.00
76) Pyrene-d10	19.89	212	966121	30.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	871019	30.09	ng/ul	0.00

Target Compounds

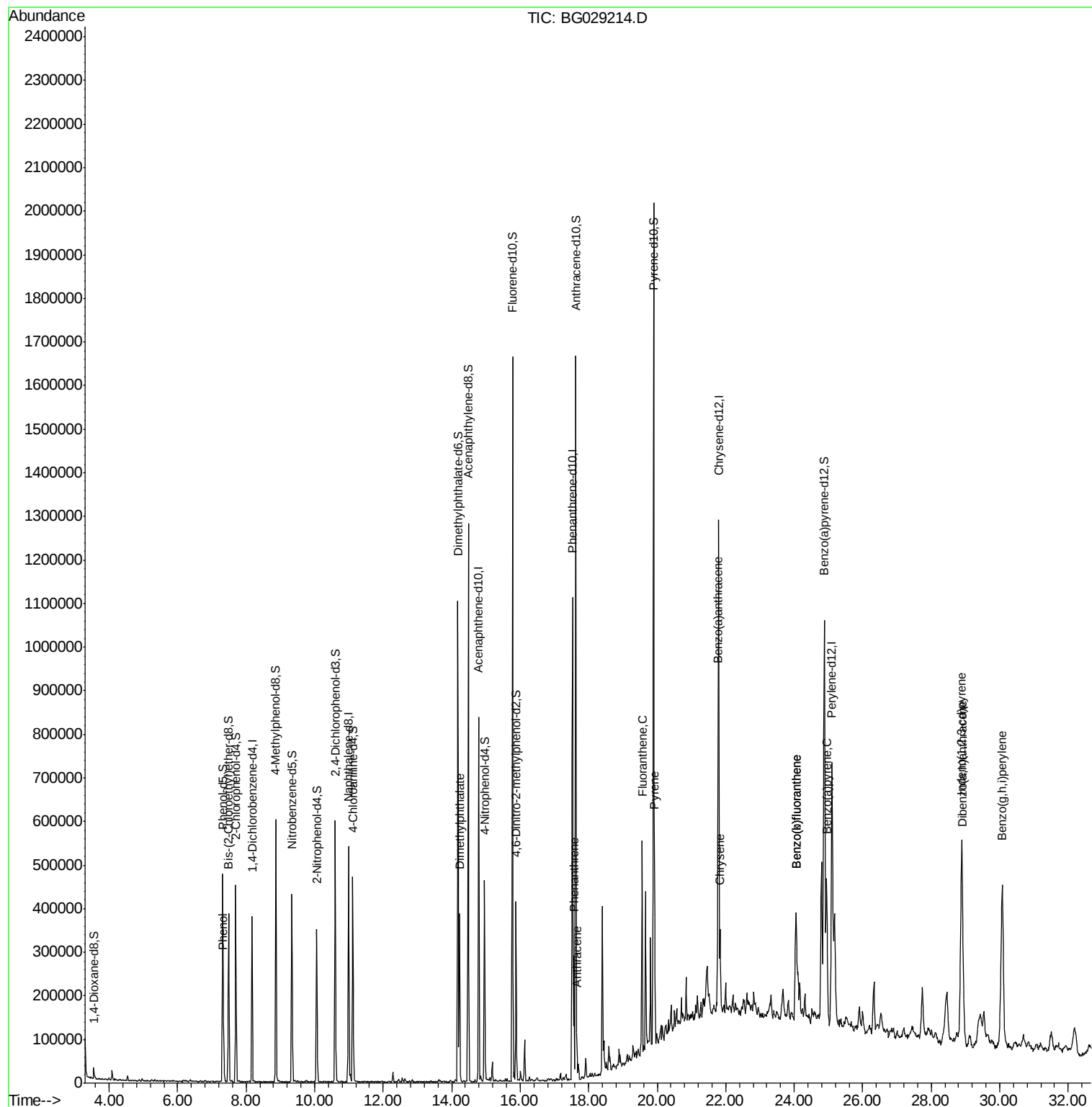
					Ovalue	
6) Phenol	7.34	94	51694	4.918	ng/ul#	93
44) Dimethylphthalate	14.23	163	235356	10.085	ng/ul	98
69) Phenanthrene	17.57	178	174971	5.039	ng/ul	98
71) Anthracene	17.66	178	45369	1.266	ng/ul	98
74) Fluoranthene	19.56	202	289180	7.452	ng/ul#	93
77) Pyrene	19.92	202	229194	5.593	ng/ul#	92
80) Benzo(a)anthracene	21.77	228	136866	3.572	ng/ul#	91
82) Chrysene	21.84	228	146634	4.212	ng/ul#	93
85) Benzo(b)fluoranthene	24.05	252	300607	8.194	ng/ul#	93
86) Benzo(k)fluoranthene	24.05	252	300607	8.475	ng/ul#	94
88) Benzo(a)pyrene	24.95	252	338561	9.481	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	28.89	276	725074	17.946	ng/ul#	91
90) Dibenzo(a,h)anthracene	28.92	278	153503	4.574	ng/ul#	87
91) Benzo(g,h,i)perylene	30.08	276	670824	20.031	ng/ul#	87

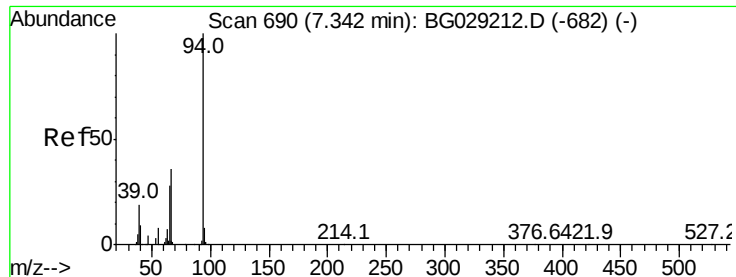
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101417\
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ClientSampled :

Quant Time: Oct 14 06:44:36 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





#6

Phenol

Concen: 4.918 ng/ul

RT: 7.34 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG029214.D

Acq: 14 Oct 2017 6:09

Instrument :

BNA_G

ClientSampleId :

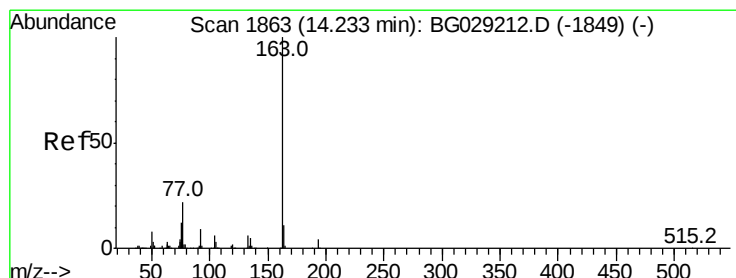
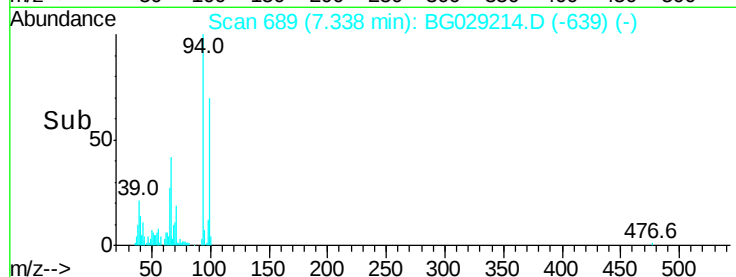
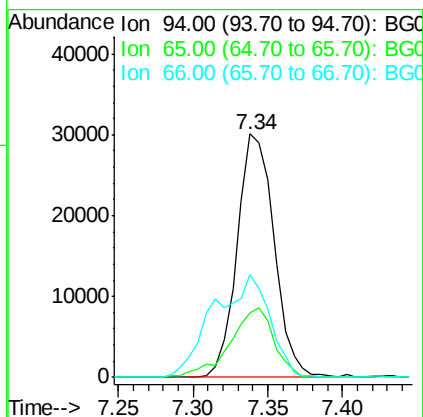
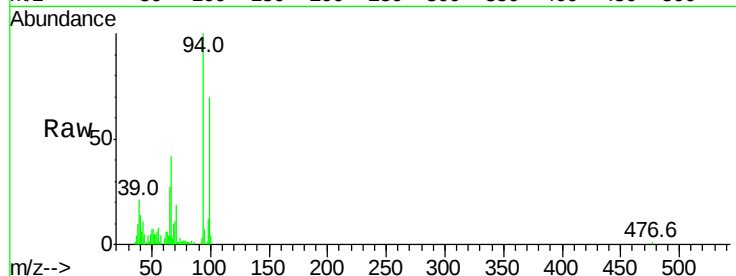
Tot Ion: 94 Resp: 51694

Ion Ratio Lower Upper

94 100

65 26.6 27.1 40.7#

66 42.0 34.6 52.0



#44

Dimethylphthalate

Concen: 10.085 ng/ul

RT: 14.23 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BG029214.D

Acq: 14 Oct 2017 6:09

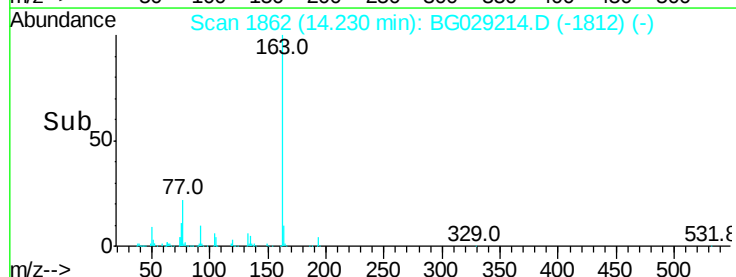
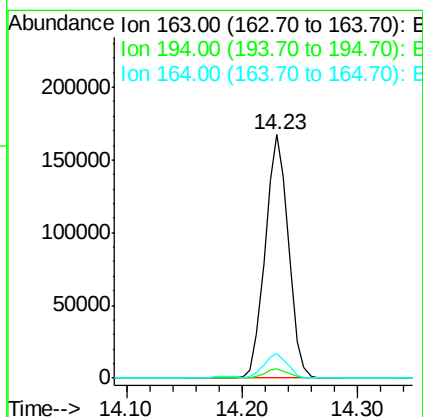
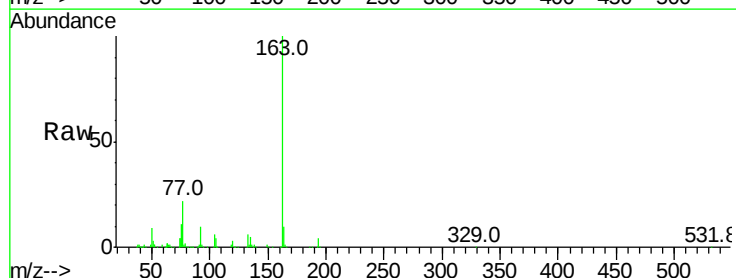
Tgt Ion: 163 Resp: 235356

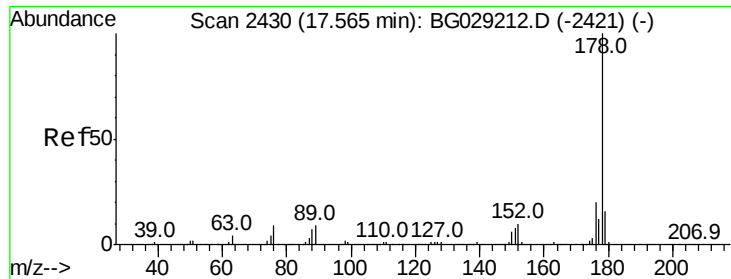
Ion Ratio Lower Upper

163 100

194 3.7 3.5 5.3

164 10.4 7.6 11.4





#69

Phenanthrene

Concen: 5.039 ng/ul

RT: 17.57 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG029214.D

Acq: 14 Oct 2017 6:09

Instrument :

BNA_G

ClientSampleId :

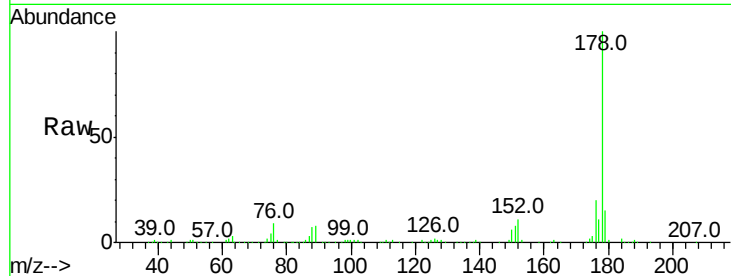
Tot Ion:178 Resp: 174971

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.0	19.6
176	20.1	15.3	22.9

178 100

179 15.5 13.0 19.6

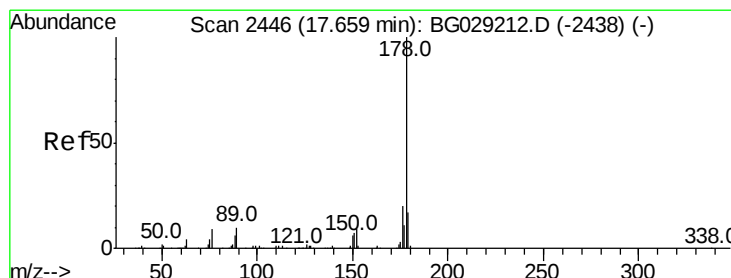
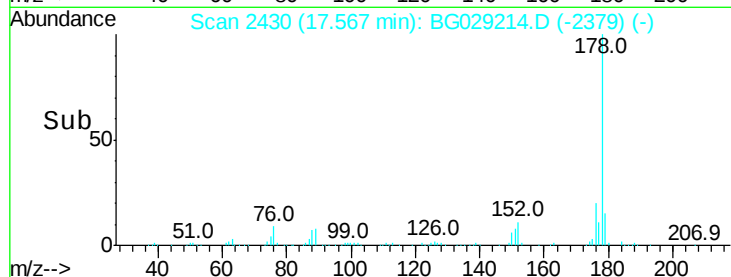
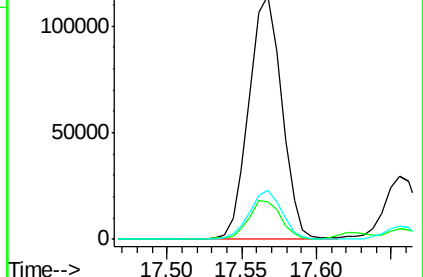
176 20.1 15.3 22.9



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: 1.266 ng/ul

RT: 17.66 min Scan# 2445

Delta R.T. -0.00 min

Lab File: BG029214.D

Acq: 14 Oct 2017 6:09

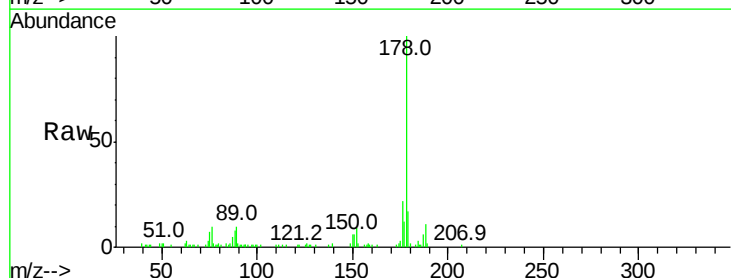
Tgt Ion:178 Resp: 45369

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.2	19.8
176	21.7	16.0	24.0

178 100

179 16.5 13.2 19.8

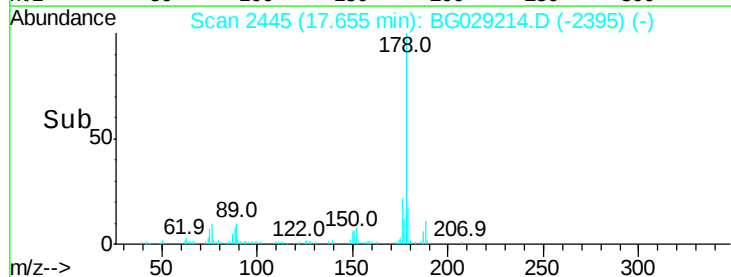
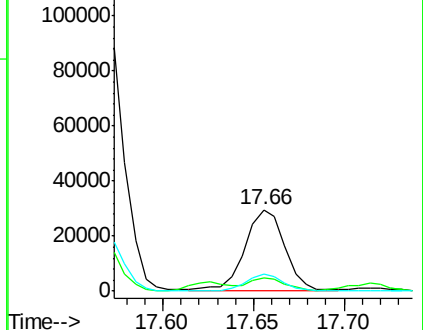
176 21.7 16.0 24.0

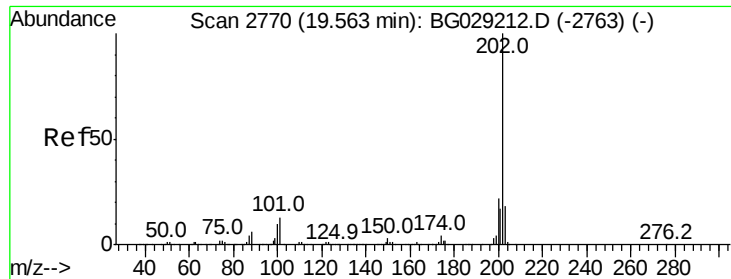


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 7.452 ng/ul

RT: 19.56 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG029214.D

Acq: 14 Oct 2017 6:09

Instrument :

BNA_G

ClientSampleId :

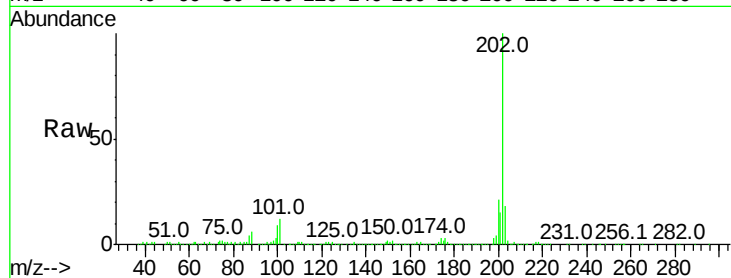
Tot Ion:202 Resp: 289180

Ion Ratio Lower Upper

202 100

101 12.0 7.4 11.2#

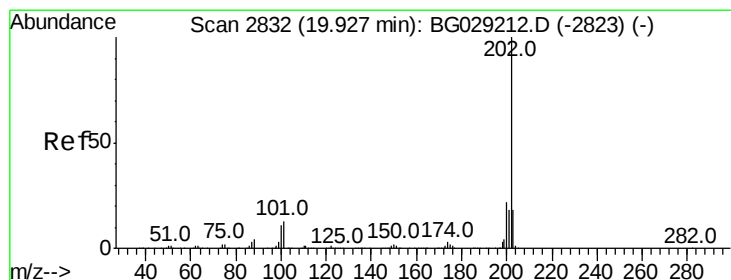
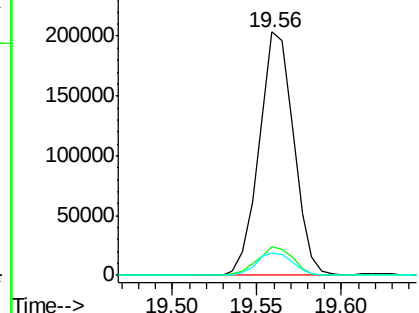
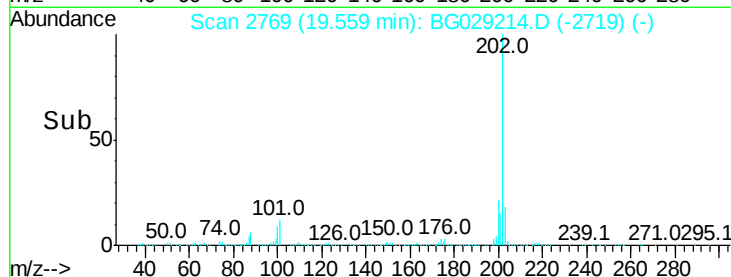
100 9.2 5.6 8.4#



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

Pyrene

Concen: 5.593 ng/ul

RT: 19.92 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BG029214.D

Acq: 14 Oct 2017 6:09

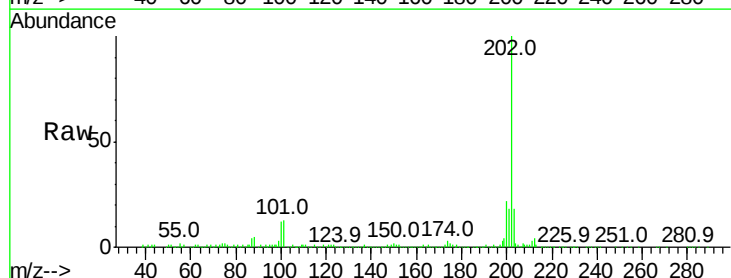
Tgt Ion:202 Resp: 229194

Ion Ratio Lower Upper

202 100

101 13.5 8.4 12.6#

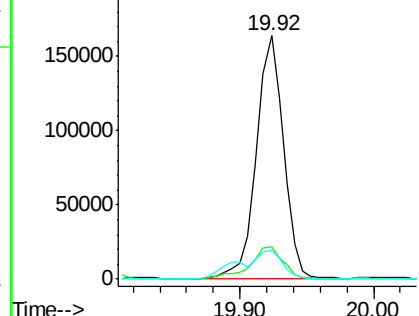
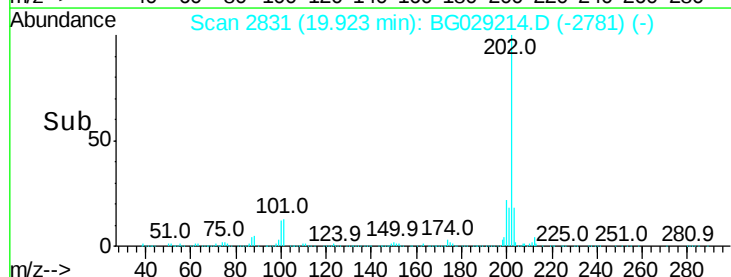
100 11.8 7.0 10.6#

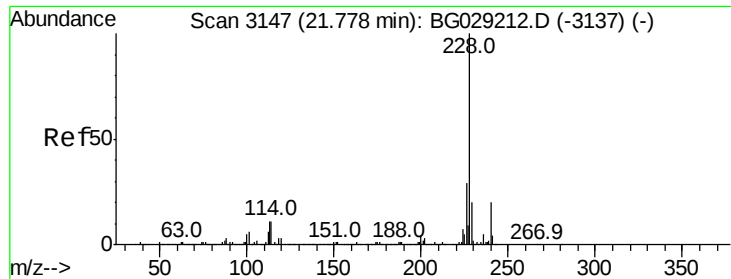


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

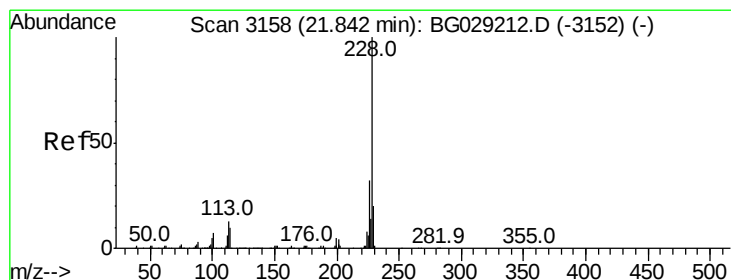
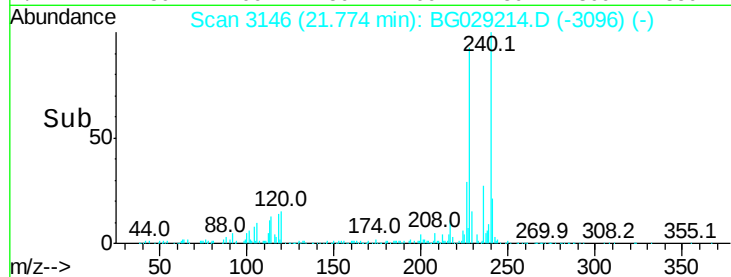
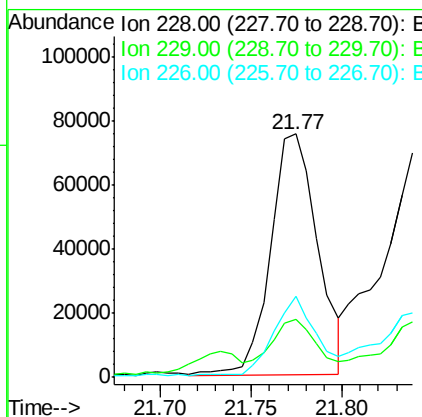
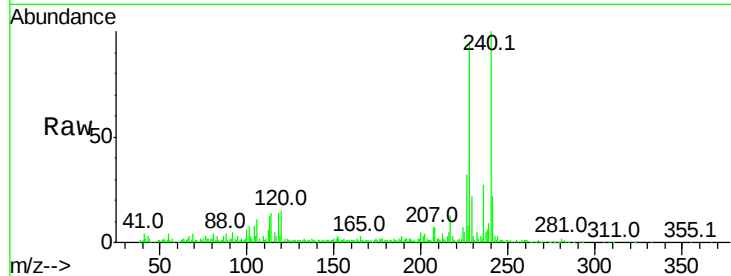




#80
Benzo(a)anthracene
Concen: 3.572 ng/ul
RT: 21.77 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BG029214.D
Acq: 14 Oct 2017 6:09

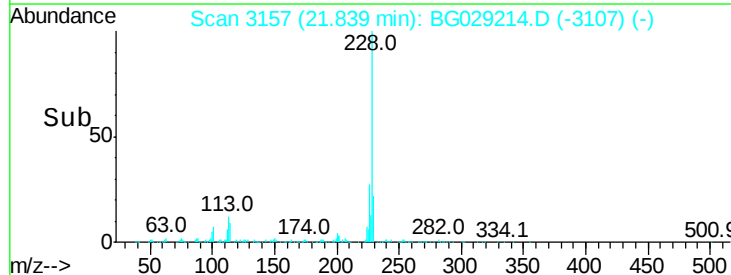
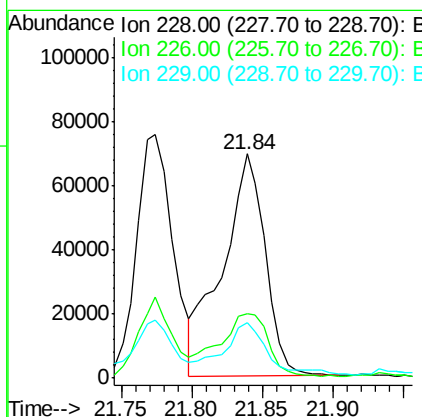
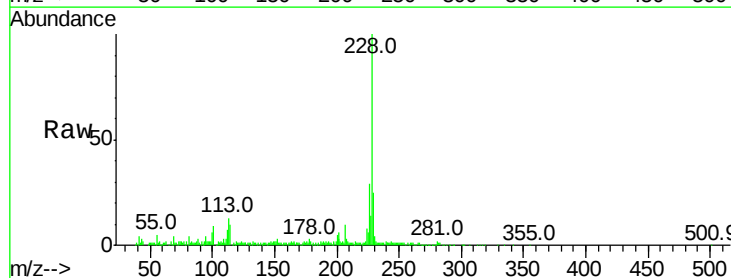
Instrument :
BNA_G
ClientSampleId :

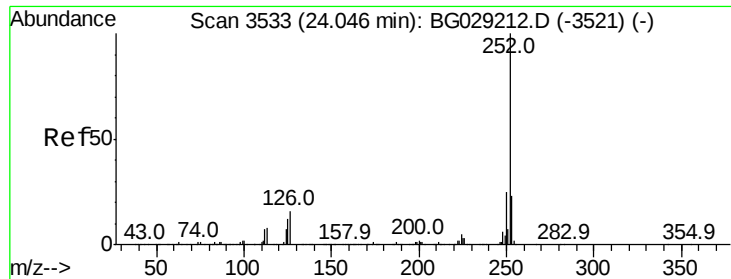
Tot Ion:228 Resp: 136866
Ion Ratio Lower Upper
228 100
229 23.6 16.2 24.4
226 33.5 22.2 33.2#



#82
Chrysene
Concen: 4.212 ng/ul
RT: 21.84 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BG029214.D
Acq: 14 Oct 2017 6:09

Tgt Ion:228 Resp: 146634
Ion Ratio Lower Upper
228 100
226 28.7 24.2 36.2
229 24.7 15.2 22.8#





#85

Benzo(b)fluoranthene

Concen: 8.194 ng/ul

RT: 24.05 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BG029214.D

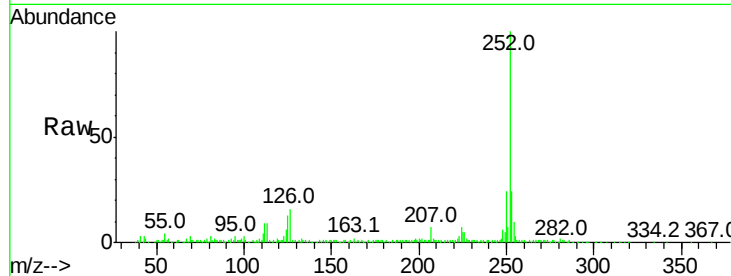
Acq: 14 Oct 2017 6:09

Instrument :

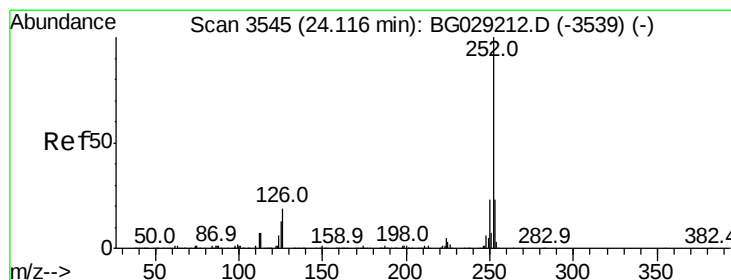
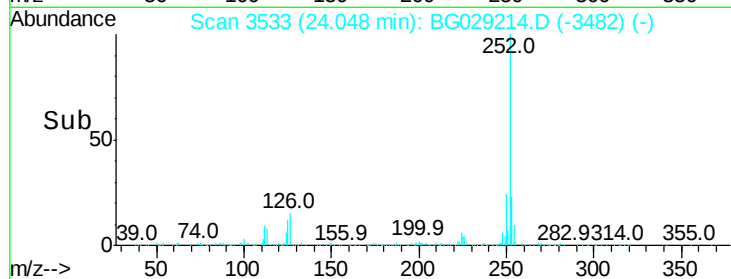
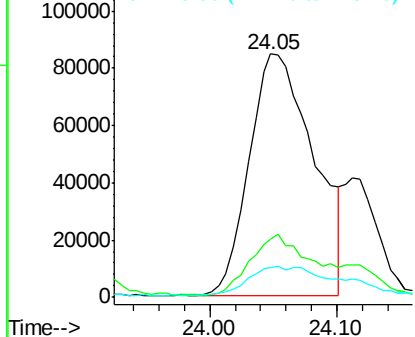
BNA_G

ClientSampleId :

Tot Ion:252	Resp:	300607
Ion Ratio	Lower	Upper
252	100	
253	23.9	17.0 25.4
125	12.5	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: 8.475 ng/ul

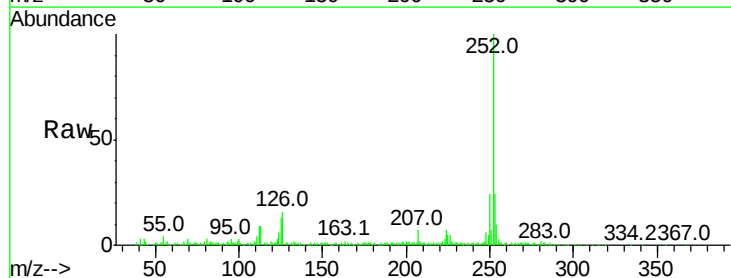
RT: 24.05 min Scan# 3533

Delta R.T. -0.07 min

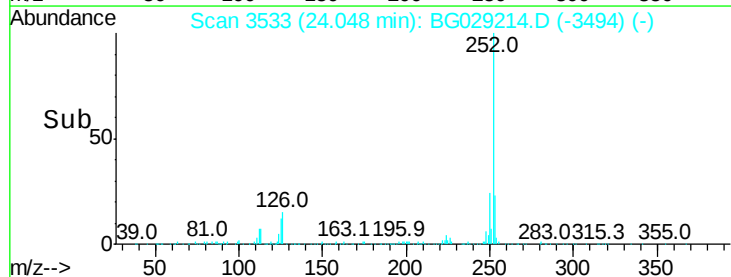
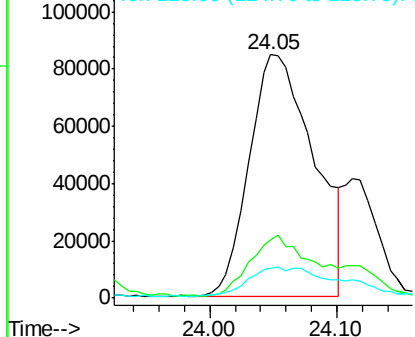
Lab File: BG029214.D

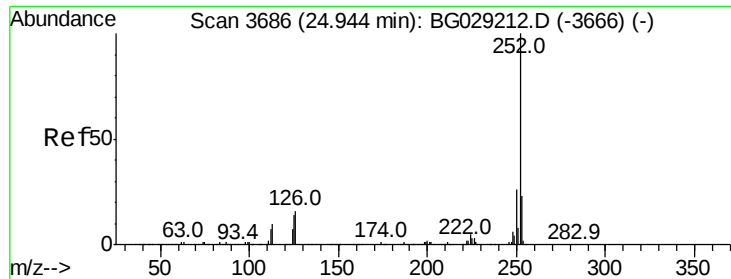
Acq: 14 Oct 2017 6:09

Tgt Ion:252	Resp:	300607
Ion Ratio	Lower	Upper
252	100	
253	23.9	17.2 25.8
125	12.5	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: 9.481 ng/ul

RT: 24.95 min Scan# 3686

Delta R.T. 0.00 min

Lab File: BG029214.D

Acq: 14 Oct 2017 6:09

Instrument :

BNA_G

ClientSampleId :

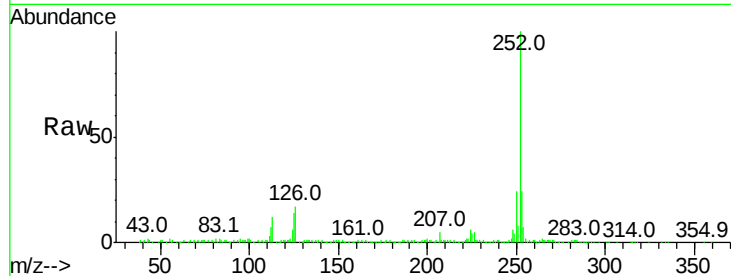
Tot Ion:252 Resp: 338561

Ion Ratio Lower Upper

252 100

253 24.3 17.1 25.7

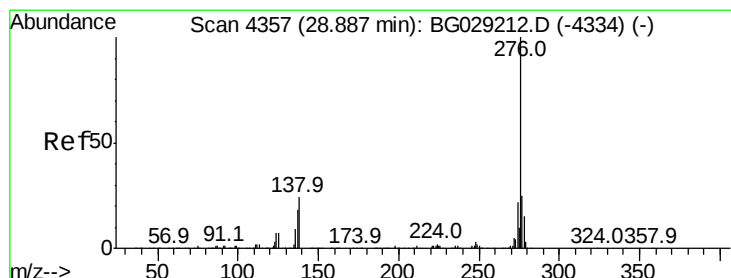
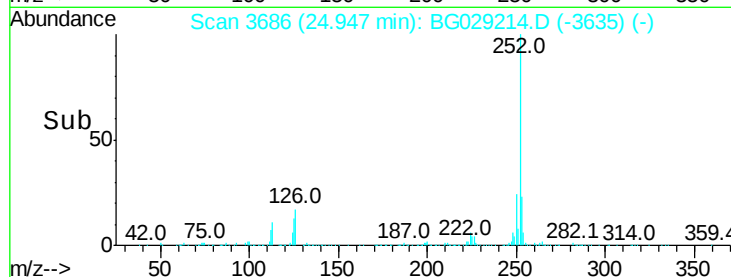
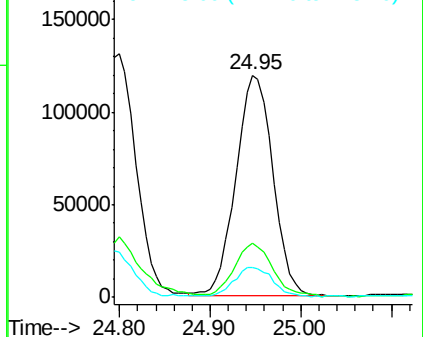
125 13.5 7.8 11.8#



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 17.946 ng/ul

RT: 28.89 min Scan# 4357

Delta R.T. 0.00 min

Lab File: BG029214.D

Acq: 14 Oct 2017 6:09

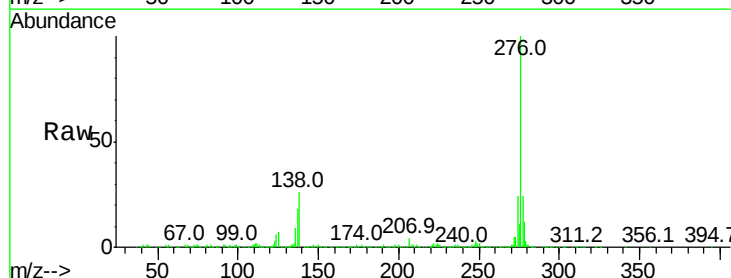
Tgt Ion:276 Resp: 725074

Ion Ratio Lower Upper

276 100

138 26.1 13.4 20.0#

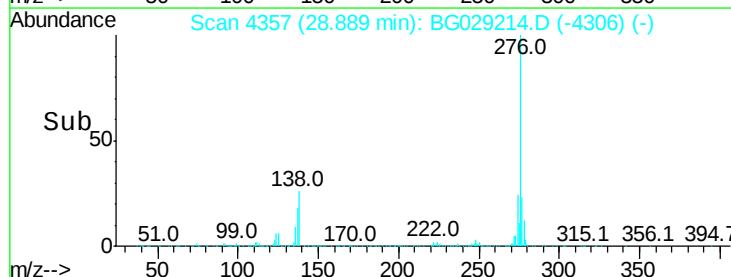
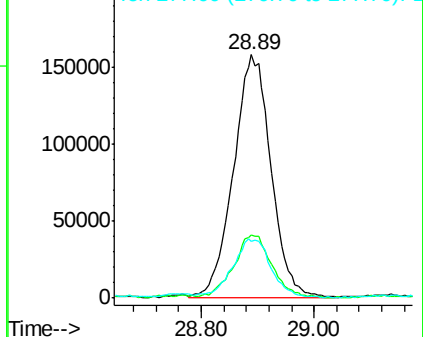
277 23.5 18.6 28.0

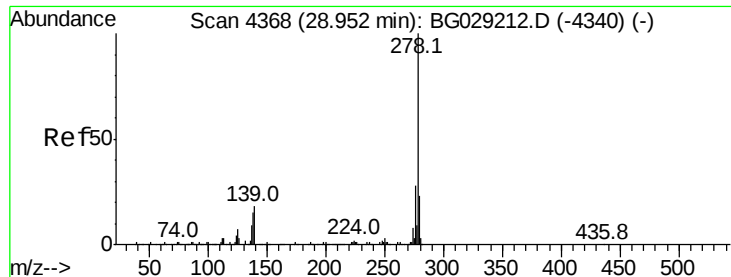


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 4.574 ng/ul

RT: 28.92 min Scan# 4362

Delta R.T. -0.03 min

Lab File: BG029214.D

Acq: 14 Oct 2017 6:09

Instrument :

BNA_G

ClientSampleId :

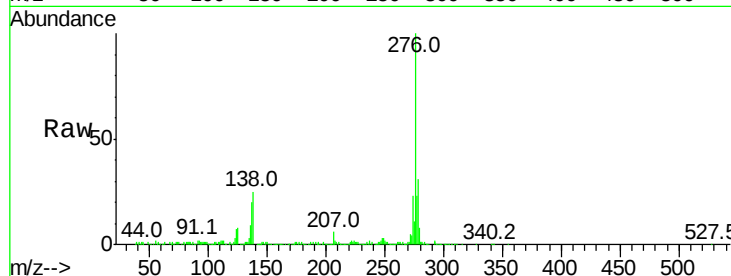
Tot Ion:278 Resp: 153503

Ion Ratio Lower Upper

278 100

139 0.0 9.4 14.2#

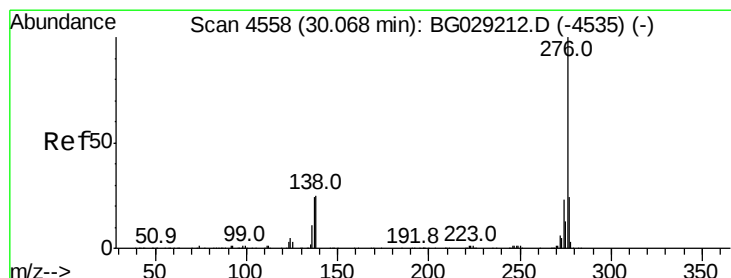
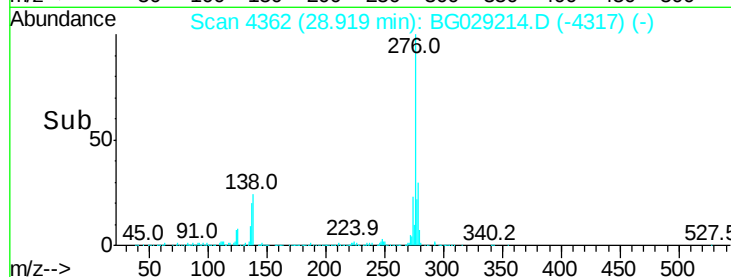
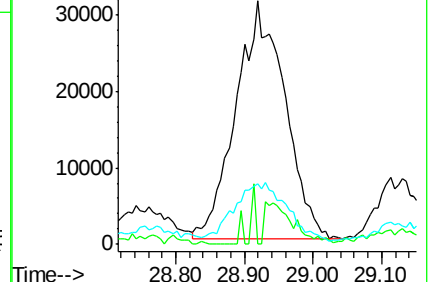
279 24.7 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 20.031 ng/ul

RT: 30.08 min Scan# 4560

Delta R.T. 0.01 min

Lab File: BG029214.D

Acq: 14 Oct 2017 6:09

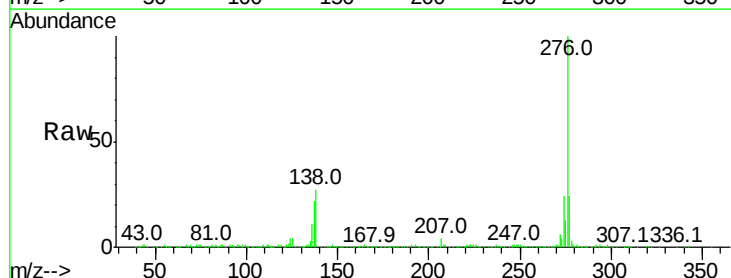
Tgt Ion:276 Resp: 670824

Ion Ratio Lower Upper

276 100

138 26.9 12.1 18.1#

277 23.5 17.7 26.5



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

