

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
 Data File : BG029430.D
 Acq On : 24 Oct 2017 18:41
 Operator : SJ/JU
 Sample : I5925-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 24 19:17:50 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 17 07:42:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	65940	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	311494	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	207638	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	496060	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	527783	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	533704	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	9391	5.79	ng/uL	0.00
5) Phenol-d5	7.32	99	216904	34.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	120949	30.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	165336	37.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	188114	36.80	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	82506	36.90	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	97988	42.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	191402	36.66	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	186896	30.81	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	598628	33.72	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	753038	34.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	86005	26.24	ng/ul	0.00
57) Fluorene-d10	15.77	176	546125	37.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	85007	35.11	ng/ul	0.00
70) Anthracene-d10	17.62	188	815901	34.78	ng/ul	0.00
76) Pyrene-d10	19.89	212	942868	34.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	915790	36.23	ng/ul	-0.02

Target Compounds

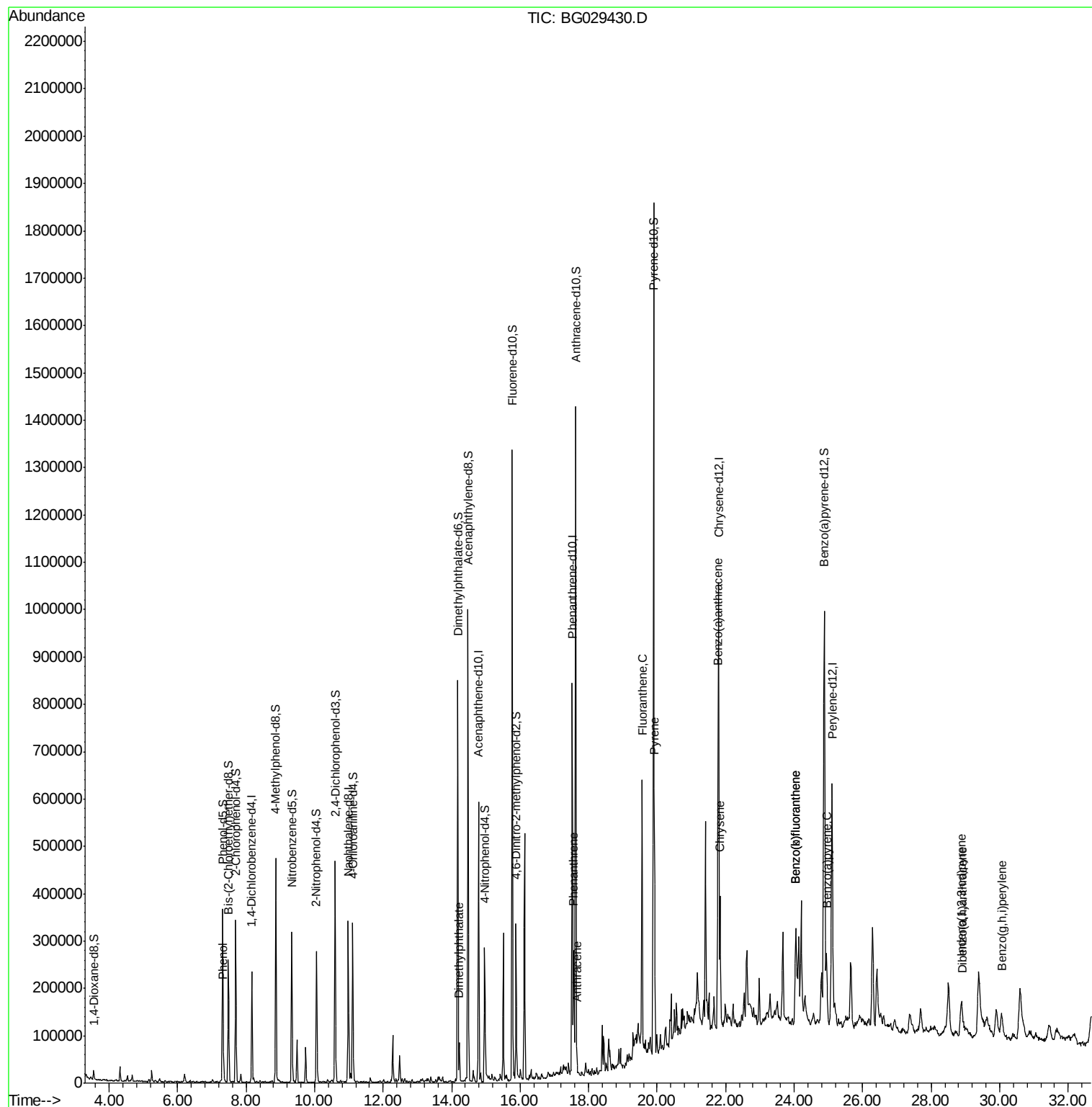
					Ovalue
6) Phenol	7.34	94	12922	1.973	ng/ul 94
44) Dimethylphthalate	14.23	163	51350	2.966	ng/ul 98
69) Phenanthrene	17.56	178	160424	5.982	ng/ul 100
71) Anthracene	17.66	178	30168	1.090	ng/ul 96
74) Fluoranthene	19.56	202	345288	11.521	ng/ul 99
77) Pyrene	19.92	202	322348	9.113	ng/ul 99
80) Benzo(a)anthracene	21.78	228	195142	5.900	ng/ul 99
82) Chrysene	21.84	228	194912	6.486	ng/ul 99
85) Benzo(b)fluoranthene	24.05	252	263578	8.227	ng/ul 100
86) Benzo(k)fluoranthene	24.05	252	263578	8.509	ng/ul 100
88) Benzo(a)pyrene	24.95	252	168573	5.405	ng/ul 96
89) Indeno(1,2,3-cd)pyrene	28.87	276	128113	3.631	ng/ul 98
90) Dibenzo(a,h)anthracene	28.93	278	36524	1.246	ng/ul# 91
91) Benzo(g,h,i)perylene	30.07	276	108945	3.725	ng/ul 95

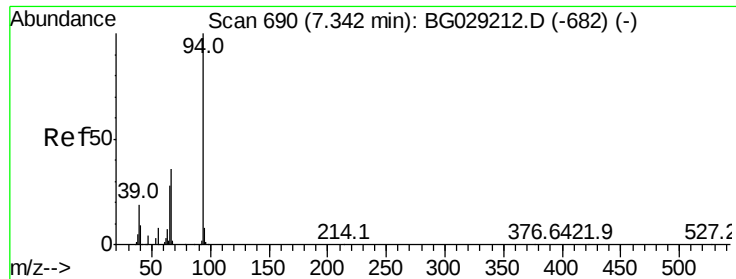
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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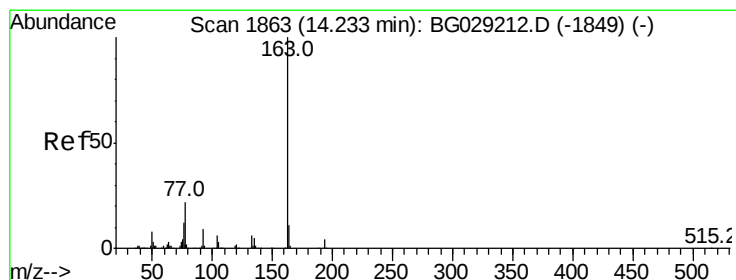
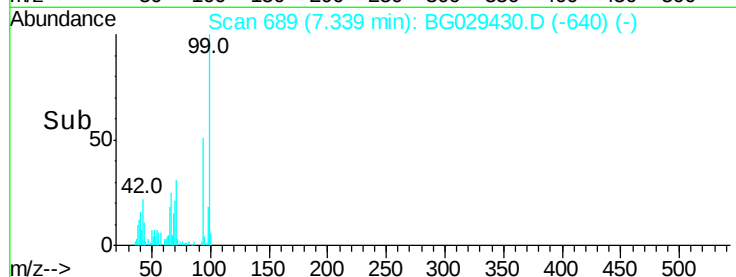
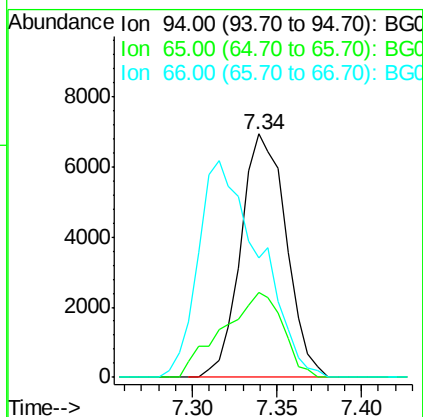
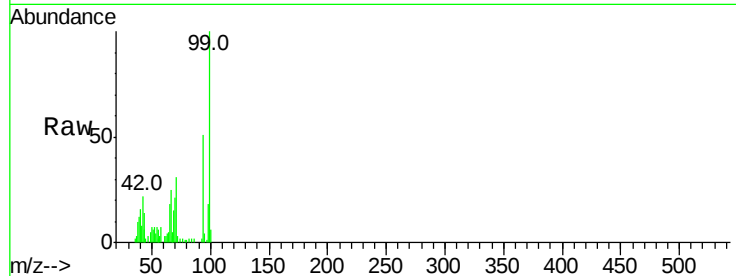
#6

Phenol

Concen: 1.973 ng/ul
 RT: 7.34 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: BG029430.D
 Acq: 24 Oct 2017 18:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 94 Resp: 12922
 Ion Ratio Lower Upper
 94 100
 65 34.8 27.1 40.7
 66 48.8 34.6 52.0

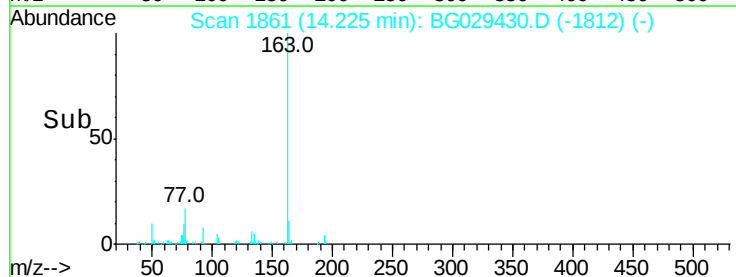
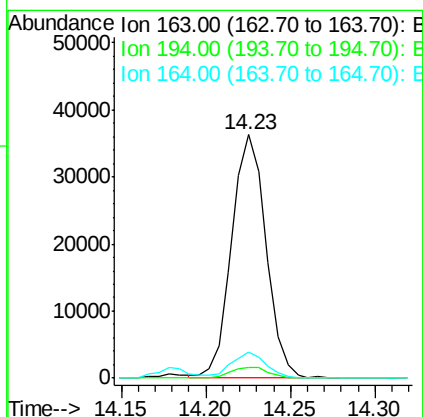
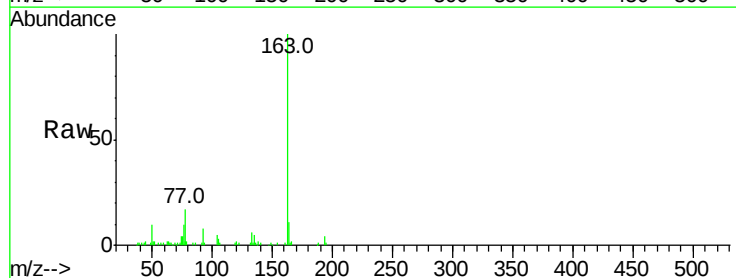


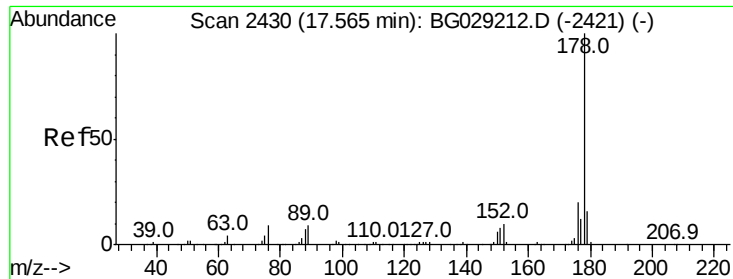
#44

Dimethylphthalate

Concen: 2.966 ng/ul
 RT: 14.23 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: BG029430.D
 Acq: 24 Oct 2017 18:41

Tgt Ion: 163 Resp: 51350
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.5 5.3
 164 10.8 7.6 11.4





#69

Phenanthrene

Concen: 5.982 ng/ul

RT: 17.56 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BG029430.D

Acq: 24 Oct 2017 18:41

Instrument :

BNA_G

ClientSampleId :

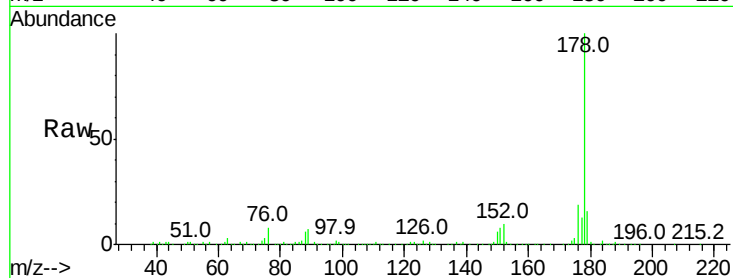
Tot Ion:178 Resp: 160424

Ion Ratio Lower Upper

178 100

179 15.9 13.0 19.6

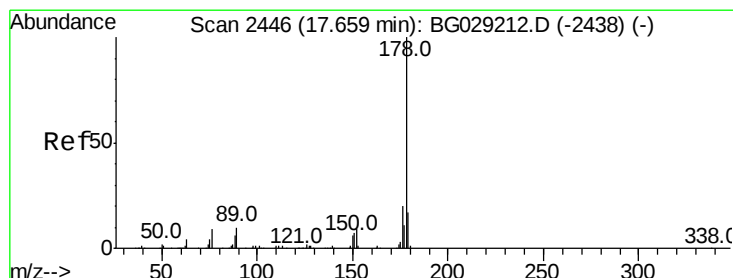
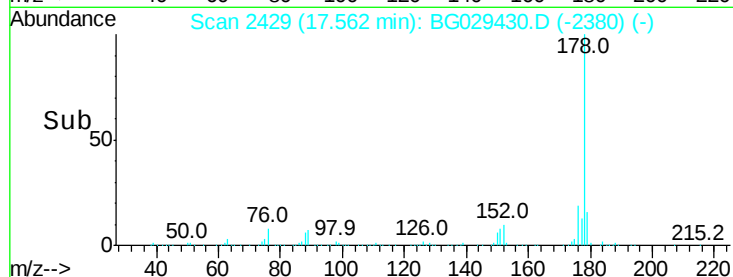
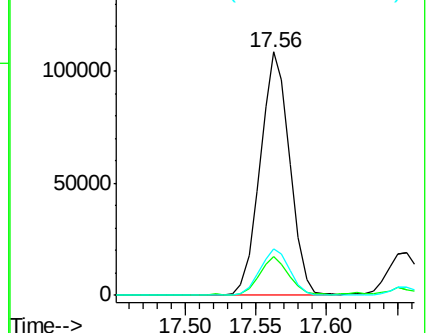
176 19.1 15.3 22.9



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: 1.090 ng/ul

RT: 17.66 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BG029430.D

Acq: 24 Oct 2017 18:41

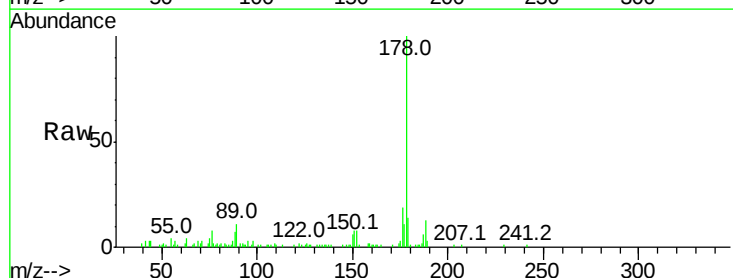
Tgt Ion:178 Resp: 30168

Ion Ratio Lower Upper

178 100

179 13.9 13.2 19.8

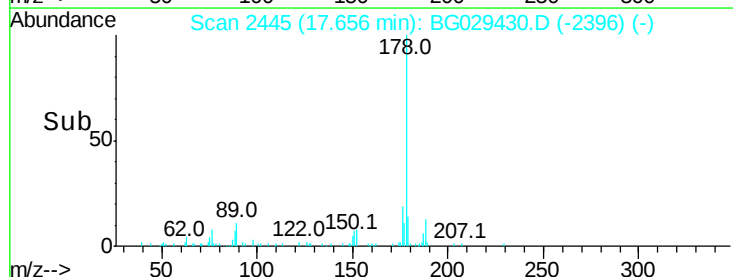
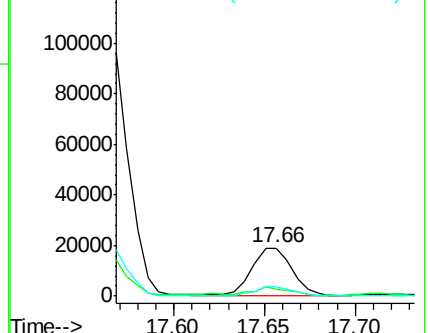
176 19.1 16.0 24.0

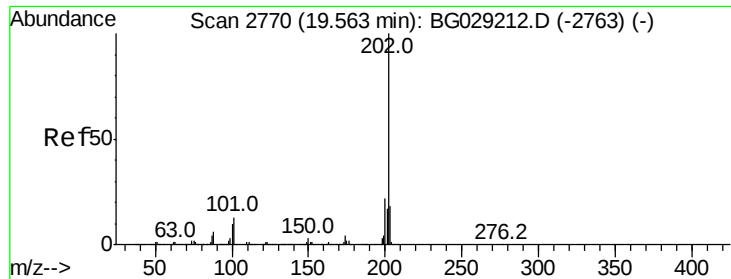


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

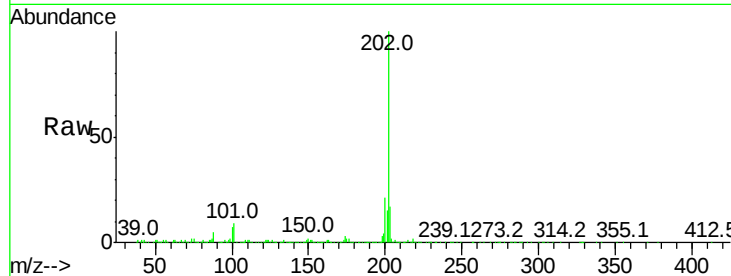




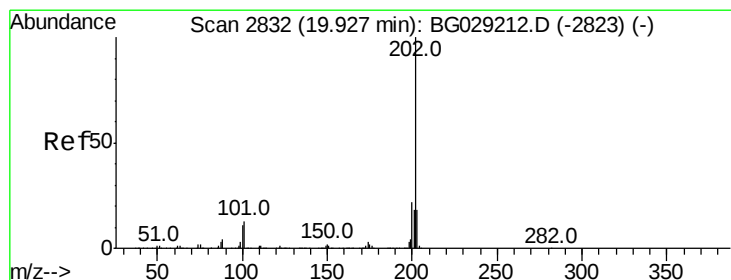
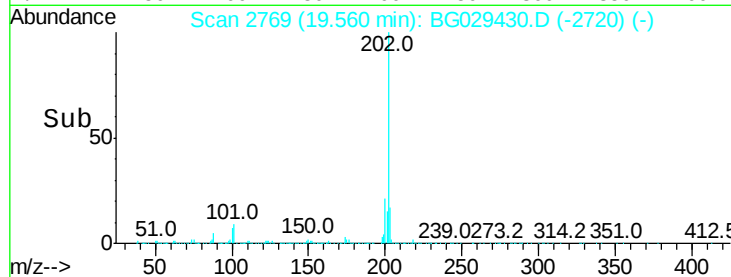
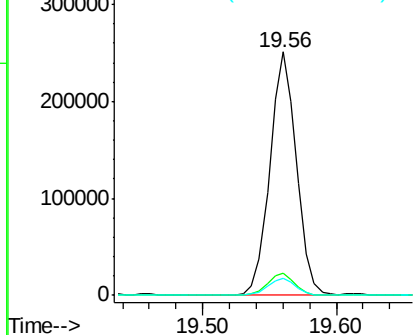
#74
Fluoranthene
Concen: 11.521 ng/ul
RT: 19.56 min Scan# 2769
Delta R.T. -0.01 min
Lab File: BG029430.D
Acq: 24 Oct 2017 18:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.4	11.2
100	7.1	5.6	8.4

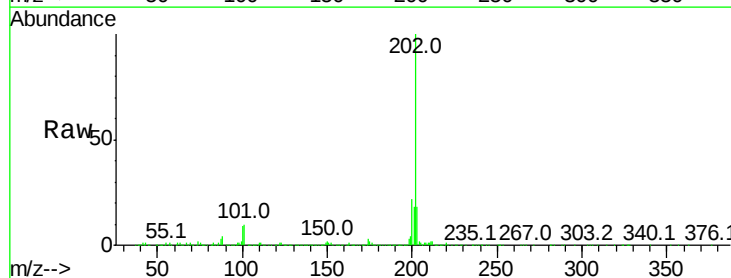


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

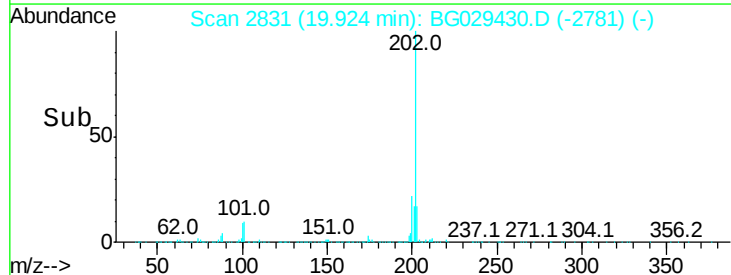
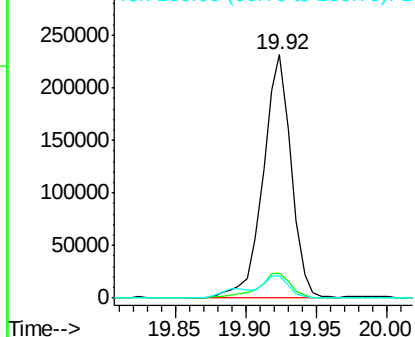


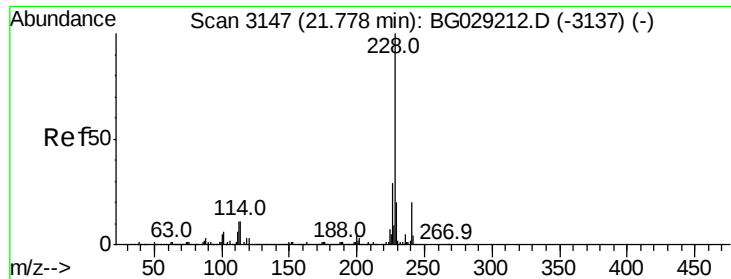
#77
Pyrene
Concen: 9.113 ng/ul
RT: 19.92 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BG029430.D
Acq: 24 Oct 2017 18:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.4	12.6
100	9.3	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: 5.900 ng/ul

RT: 21.78 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG029430.D

Acq: 24 Oct 2017 18:41

Instrument :

BNA_G

ClientSampleId :

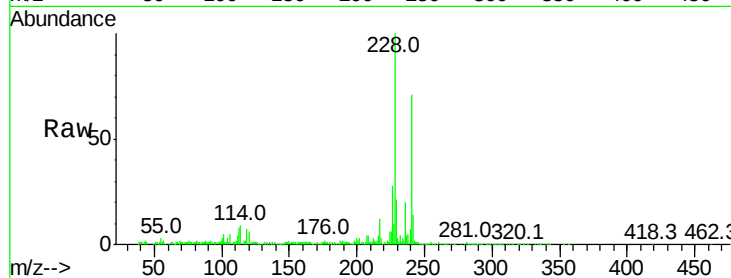
Tot Ion:228 Resp: 195142

Ion Ratio Lower Upper

228 100

229 21.0 16.2 24.4

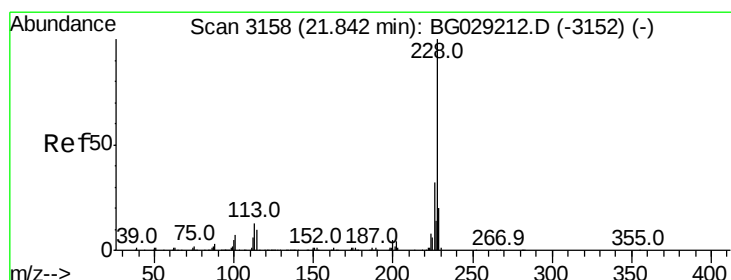
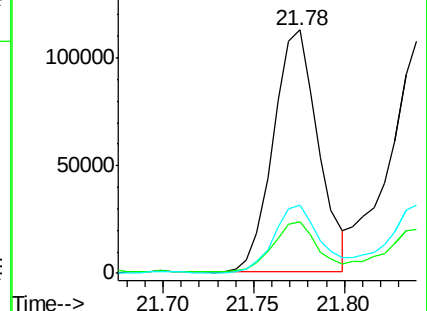
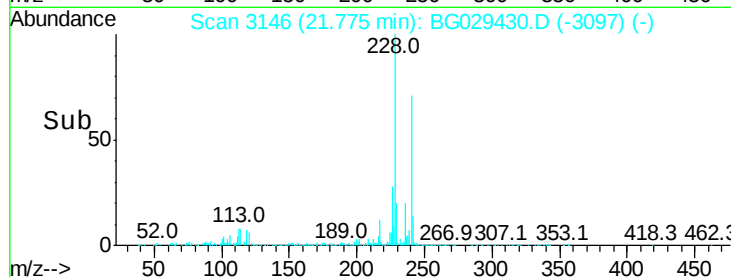
226 28.2 22.2 33.2



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



#82

Chrysene

Concen: 6.486 ng/ul

RT: 21.84 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG029430.D

Acq: 24 Oct 2017 18:41

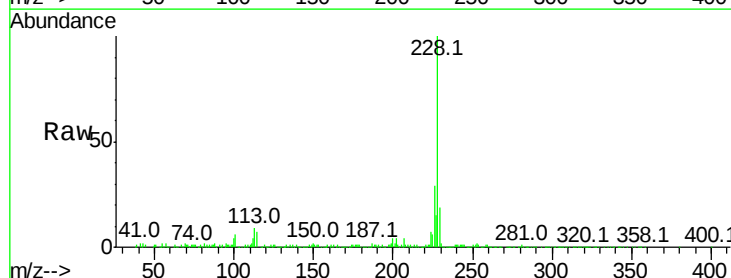
Tgt Ion:228 Resp: 194912

Ion Ratio Lower Upper

228 100

226 29.3 24.2 36.2

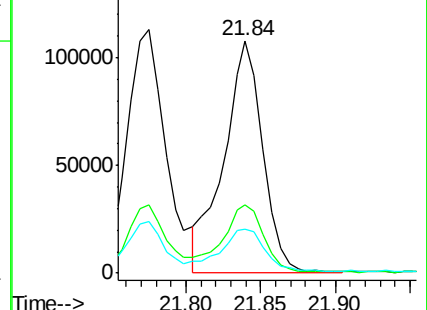
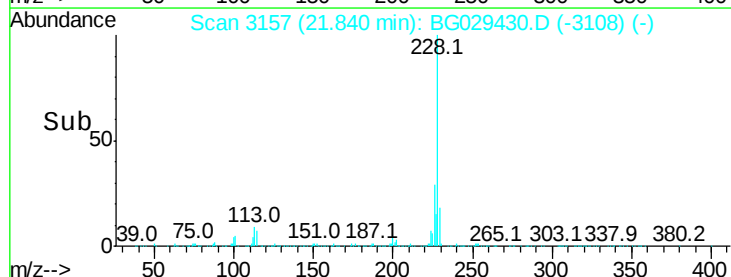
229 19.0 15.2 22.8

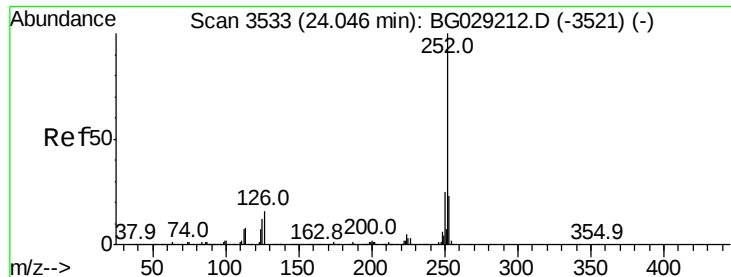


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 8.227 ng/ul

RT: 24.05 min Scan# 3533

Delta R.T. -0.02 min

Lab File: BG029430.D

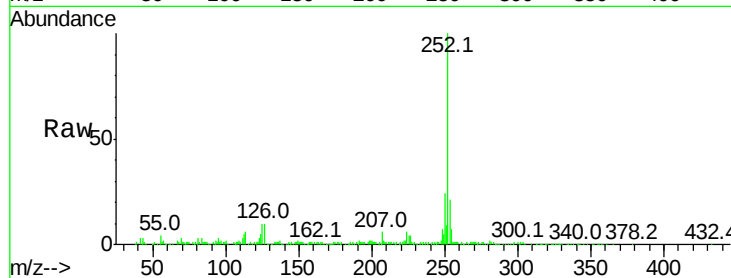
Acq: 24 Oct 2017 18:41

Instrument :

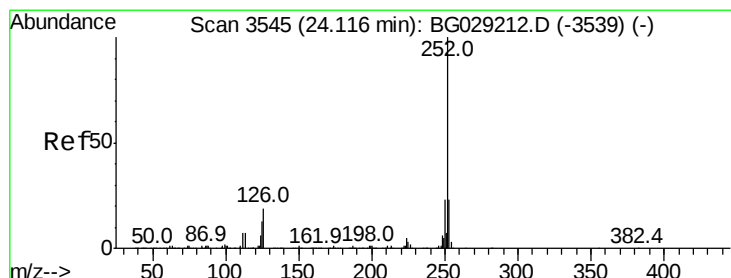
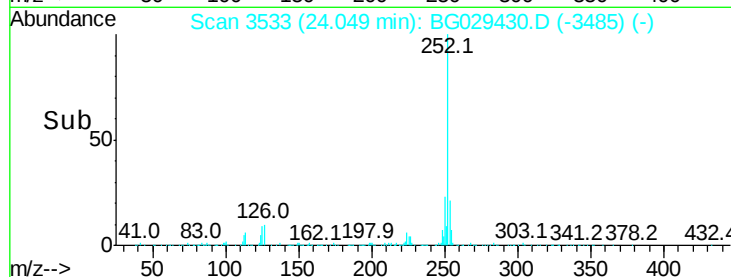
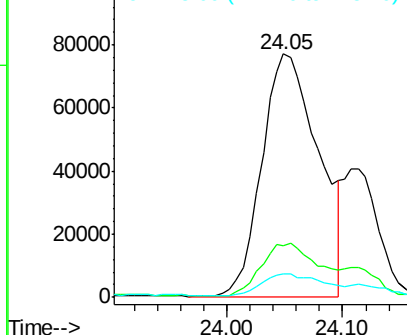
BNA_G

ClientSampleId :

Tot Ion:	252	Resp:	263578
Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.4
125	9.6	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: 8.509 ng/ul

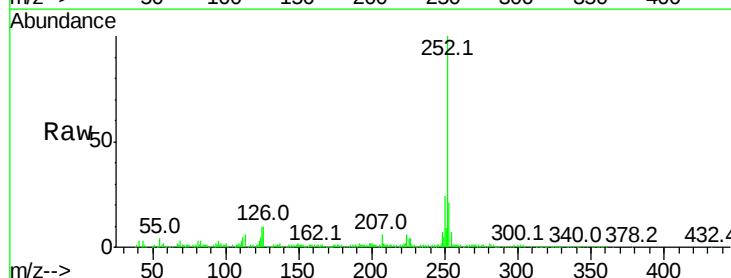
RT: 24.05 min Scan# 3533

Delta R.T. -0.09 min

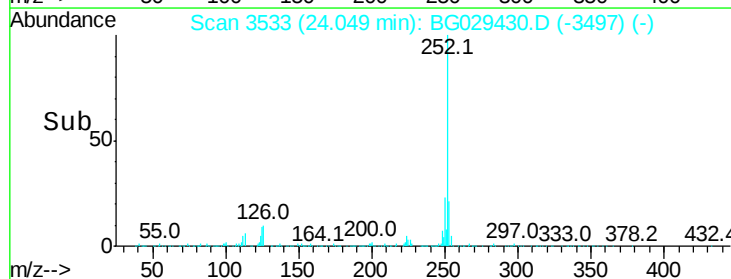
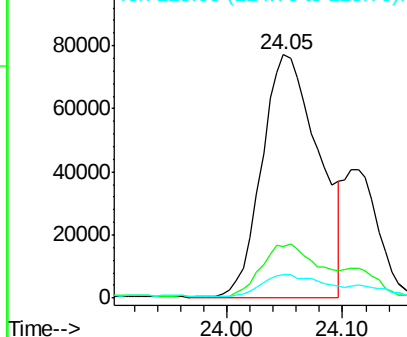
Lab File: BG029430.D

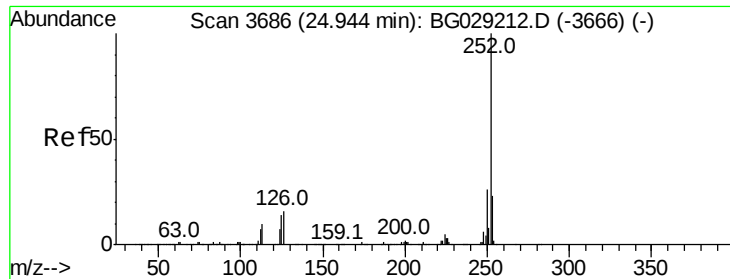
Acq: 24 Oct 2017 18:41

Tgt Ion:	252	Resp:	263578
Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.2	25.8
125	9.6	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: 5.405 ng/ul

RT: 24.95 min Scan# 3686

Delta R.T. -0.02 min

Lab File: BG029430.D

Acq: 24 Oct 2017 18:41

Instrument :

BNA_G

ClientSampleId :

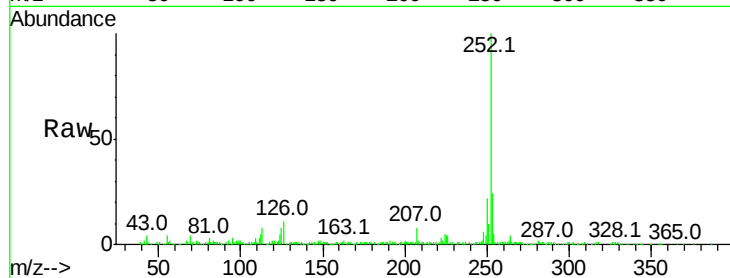
Tot Ion:252 Resp: 168573

Ion Ratio Lower Upper

252 100

253 23.6 17.1 25.7

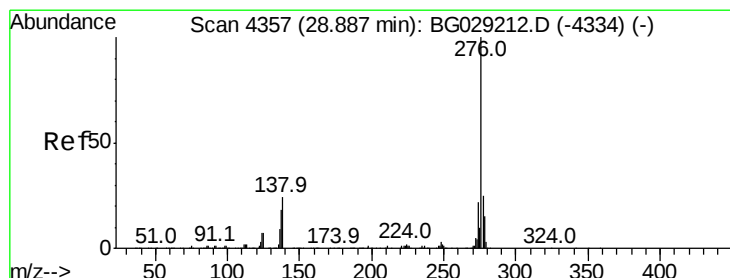
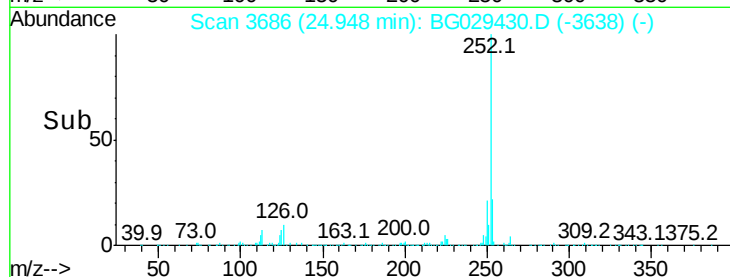
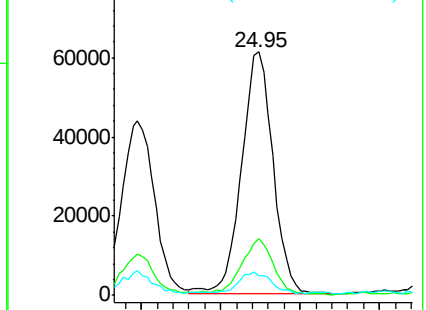
125 8.3 7.8 11.8



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: 3.631 ng/ul

RT: 28.87 min Scan# 4354

Delta R.T. -0.04 min

Lab File: BG029430.D

Acq: 24 Oct 2017 18:41

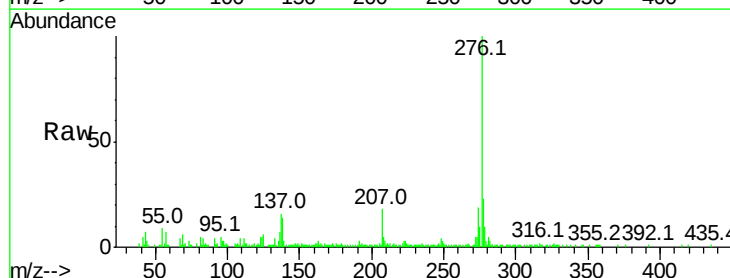
Tgt Ion:276 Resp: 128113

Ion Ratio Lower Upper

276 100

138 14.3 13.4 20.0

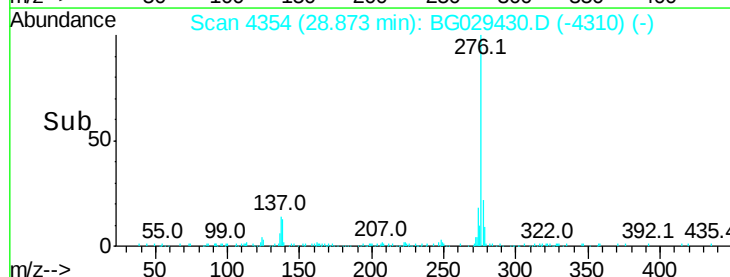
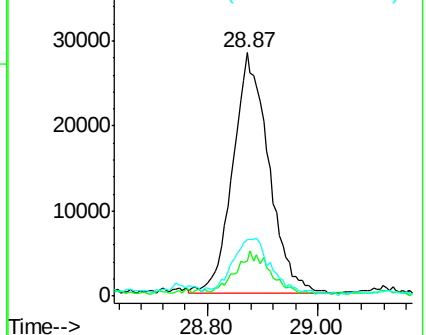
277 23.2 18.6 28.0

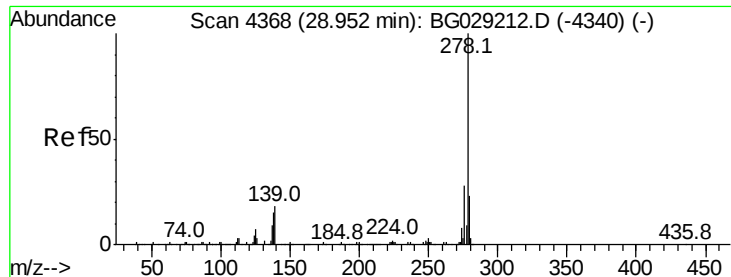


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 1.246 ng/ul

RT: 28.93 min Scan# 4363

Delta R.T. -0.06 min

Lab File: BG029430.D

Acq: 24 Oct 2017 18:41

Instrument :

BNA_G

ClientSampleId :

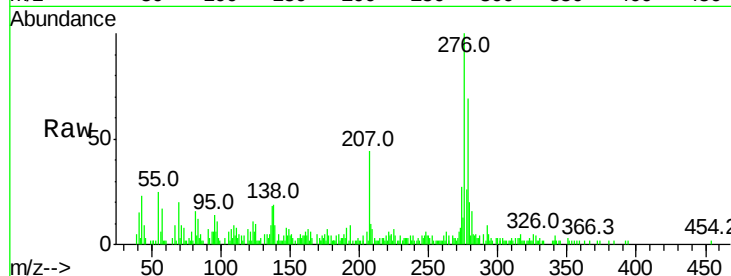
Tot Ion:278 Resp: 36524

Ion Ratio Lower Upper

278 100

139 13.4 9.4 14.2

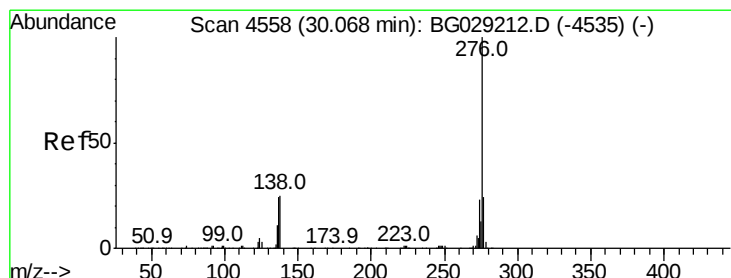
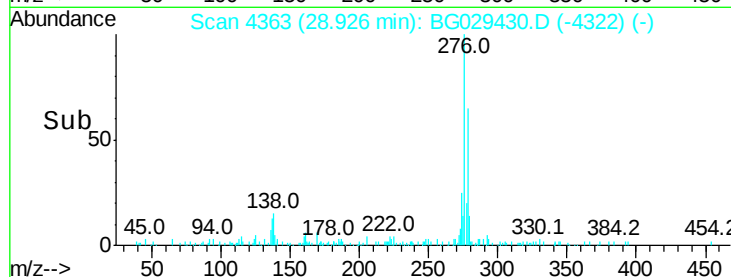
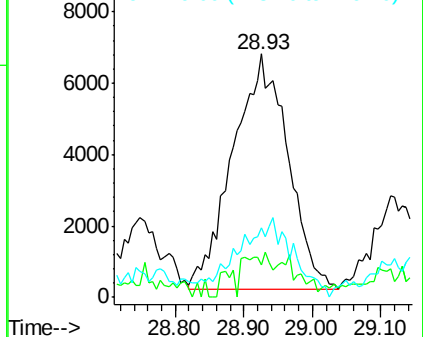
279 28.7 18.4 27.6#



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: 3.725 ng/ul

RT: 30.07 min Scan# 4557

Delta R.T. -0.03 min

Lab File: BG029430.D

Acq: 24 Oct 2017 18:41

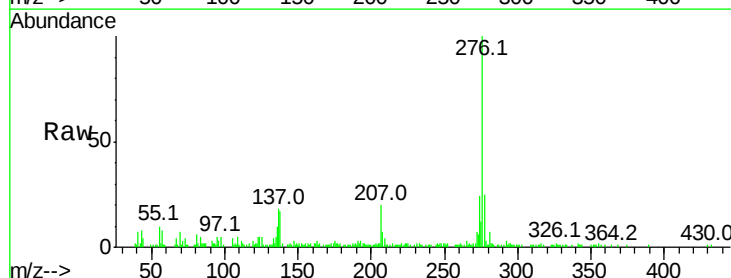
Tgt Ion:276 Resp: 108945

Ion Ratio Lower Upper

276 100

138 16.8 12.1 18.1

277 24.7 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

