

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101417\
 Data File : BG029222.D
 Acq On : 14 Oct 2017 11:29
 Operator : SJ/JU
 Sample : I5574-15
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 14 23:22:27 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	99055	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	430838	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	260856	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	598480	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	573486	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	564196	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.56	96	12140	4.98	ng/uL	0.00
5) Phenol-d5	7.32	99	213439	22.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	150302	25.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	170998	25.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	150568	19.61	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	87899	28.42	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	92939	29.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	177251	24.55	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	186896	22.28	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	581223	26.06	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	719531	26.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	65735	15.97	ng/ul	0.00
57) Fluorene-d10	15.78	176	510972	27.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	62703	21.46	ng/ul	0.00
70) Anthracene-d10	17.62	188	757227	26.75	ng/ul	0.00
76) Pyrene-d10	19.90	212	768358	25.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	685528	25.65	ng/ul	0.00

Target Compounds

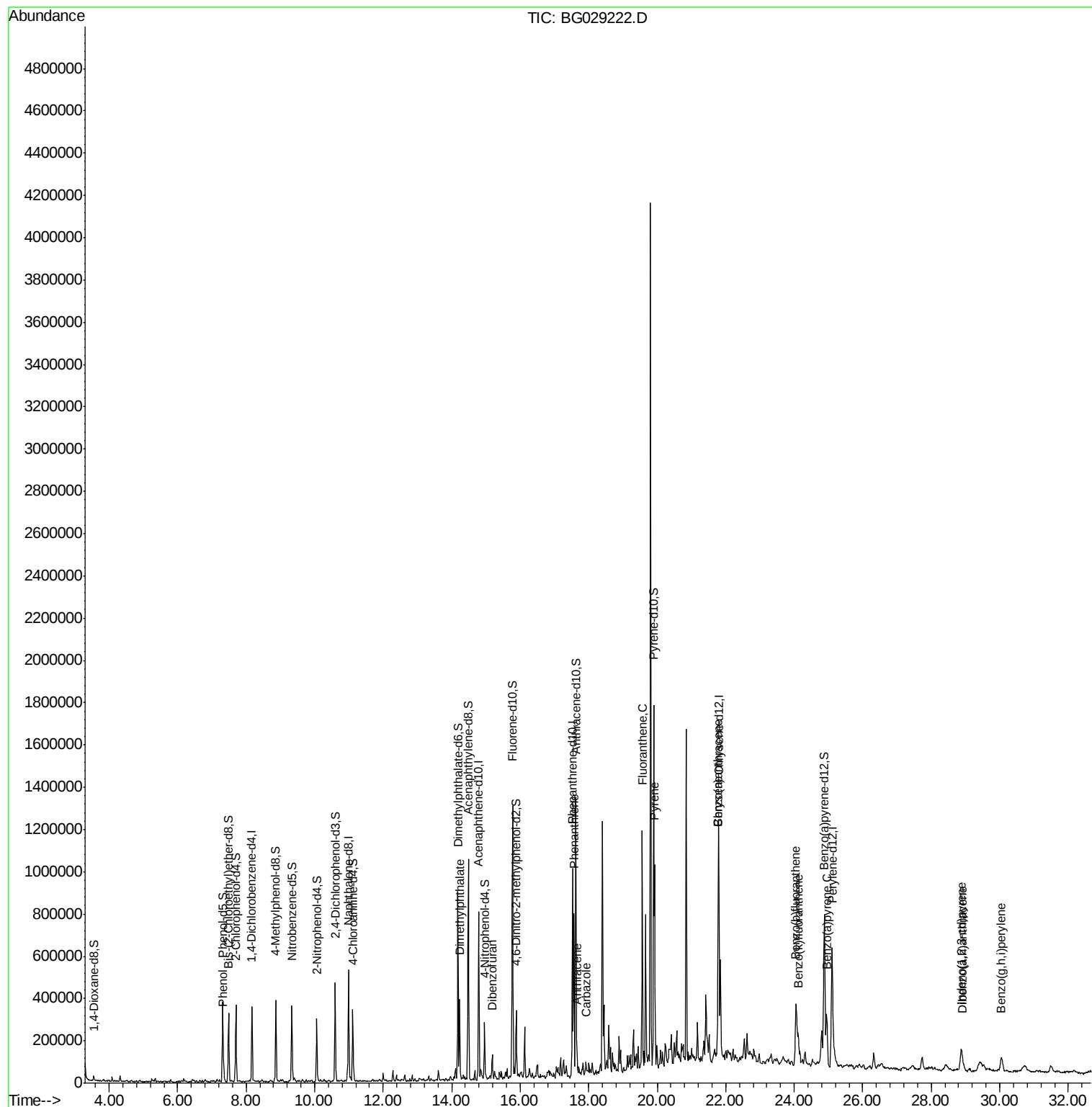
						Ovalue
6) Phenol	7.34	94	45444	4.62	ng/ul#	88
44) Dimethylphthalate	14.23	163	233068	10.71	ng/ul	99
53) Dibenzofuran	15.18	168	31405	1.21	ng/ul	95
69) Phenanthrene	17.57	178	470703	14.55	ng/ul	98
71) Anthracene	17.66	178	72785	2.18	ng/ul	96
72) Carbazole	17.92	167	33291	1.11	ng/ul	99
74) Fluoranthene	19.56	202	621154	17.18	ng/ul#	91
77) Pyrene	19.92	202	527468	13.72	ng/ul#	89
80) Benzo(a)anthracene	21.78	228	308062	8.57	ng/ul	97
82) Chrysene	21.78	228	308062	9.43	ng/ul	96
85) Benzo(b)fluoranthene	24.06	252	363046	10.72	ng/ul#	98
86) Benzo(k)fluoranthene	24.11	252	126792	3.87	ng/ul#	96
88) Benzo(a)pyrene	24.95	252	248630	7.54	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	28.88	276	158711	4.25	ng/ul#	84
90) Dibenzo(a,h)anthracene	28.92	278	46449	1.50	ng/ul#	90
91) Benzo(g,h,i)perylene	30.05	276	116956	3.78	ng/ul#	89

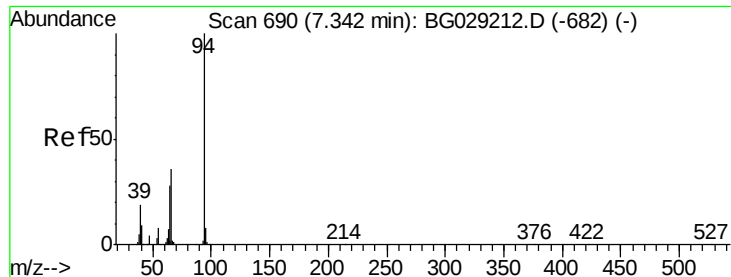
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#6

Phenol

Concen: 4.62 ng/ul

RT: 7.34 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG029222.D

Acq: 14 Oct 2017 11:29

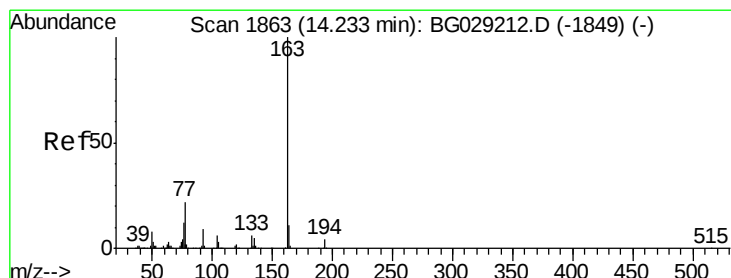
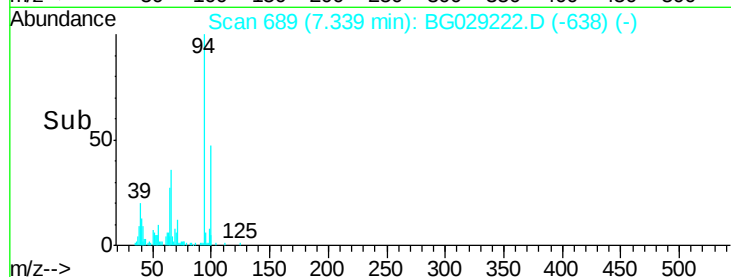
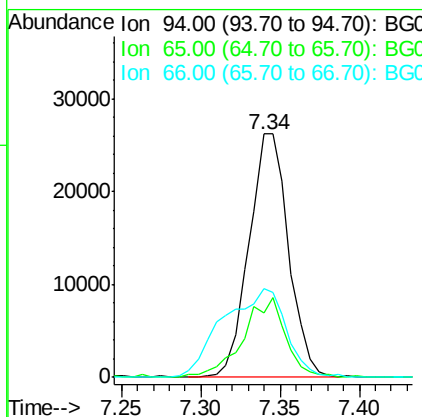
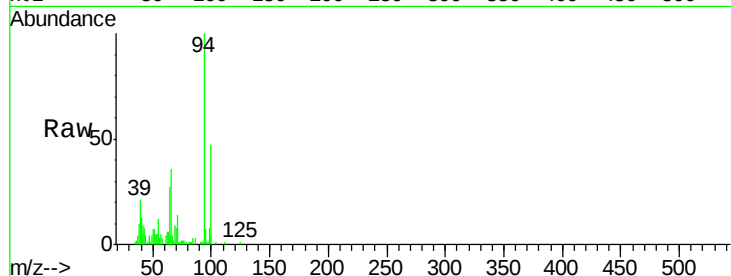
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 94 Resp: 45444

Ion	Ratio	Lower	Upper
94	100		
65	26.6	27.1	40.7#
66	36.3	34.6	52.0



#44

Dimethylphthalate

Concen: 10.71 ng/ul

RT: 14.23 min Scan# 1862

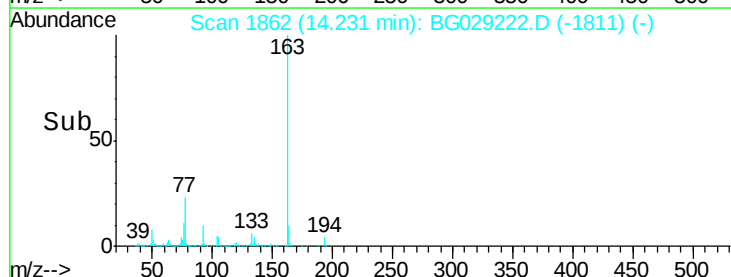
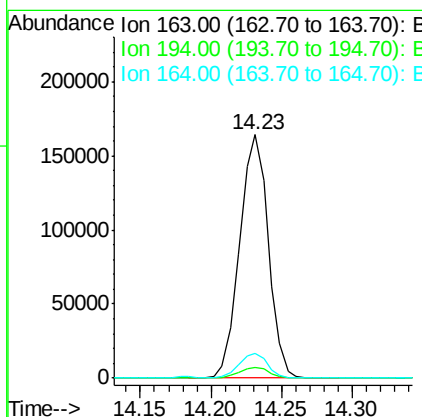
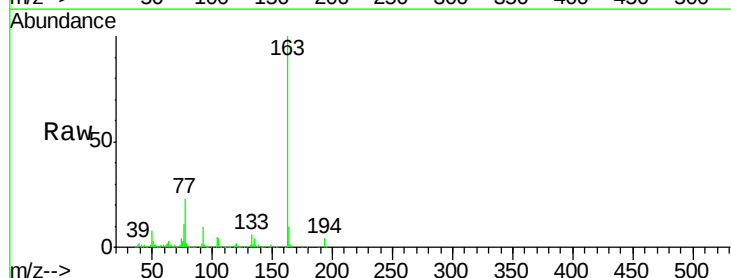
Delta R.T. -0.00 min

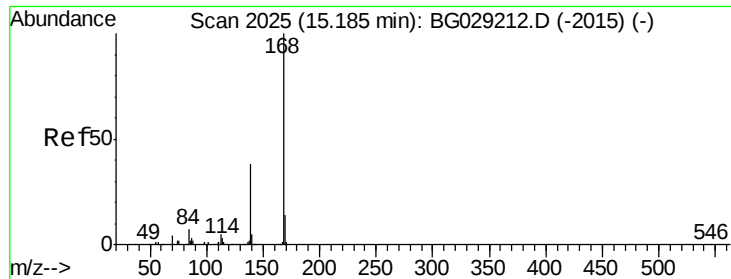
Lab File: BG029222.D

Acq: 14 Oct 2017 11:29

Tgt Ion: 163 Resp: 233068

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.0	7.6	11.4





#53

Dibenzenofuran

Concen: 1.21 ng/ul

RT: 15.18 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BG029222.D

Acq: 14 Oct 2017 11:29

Instrument :

BNA_G

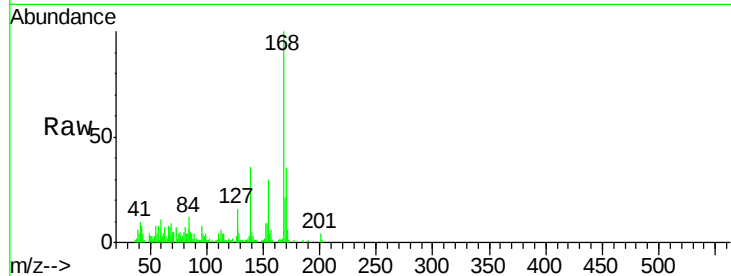
ClientSampleId :

Tot Ion:168 Resp: 31405

Ion Ratio Lower Upper

168 100

139 36.1 31.4 47.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

25000

20000

15000

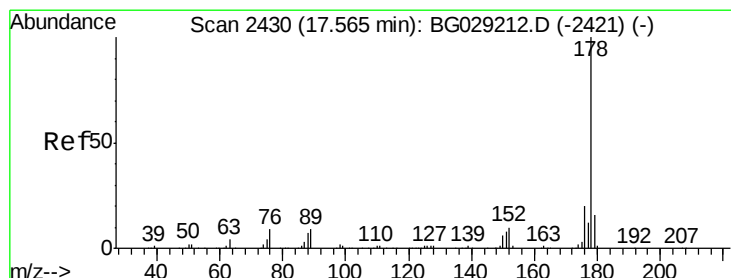
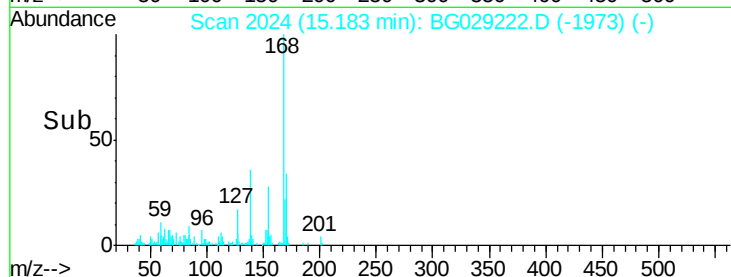
10000

5000

0

15.10 15.15 15.20 15.25

Time-->



#69

Phenanthrene

Concen: 14.55 ng/ul

RT: 17.57 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG029222.D

Acq: 14 Oct 2017 11:29

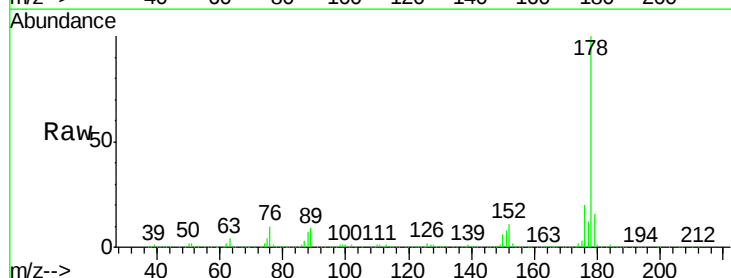
Tgt Ion:178 Resp: 470703

Ion Ratio Lower Upper

178 100

179 15.7 13.0 19.6

176 20.2 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

400000

300000

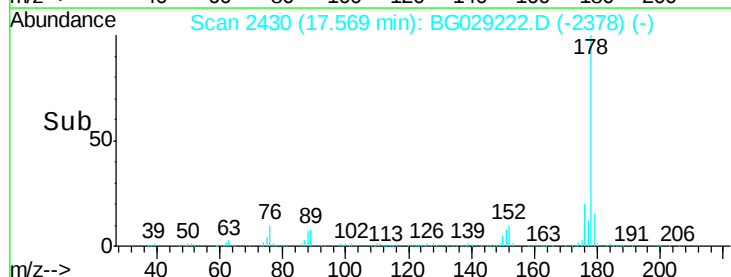
200000

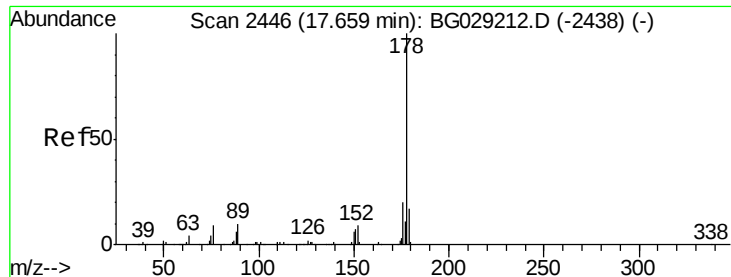
100000

0

17.50 17.55 17.60

Time-->

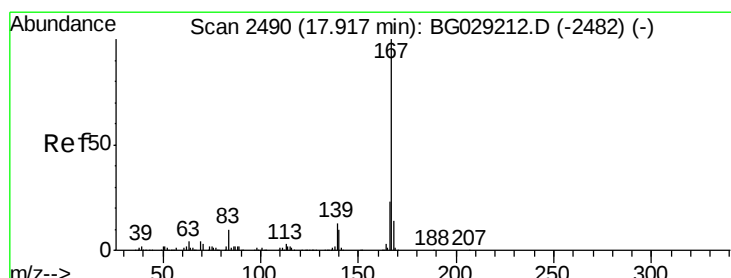
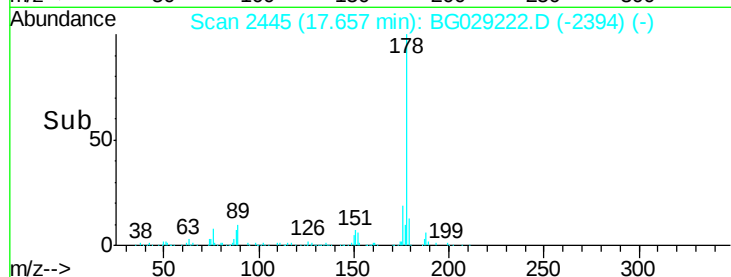
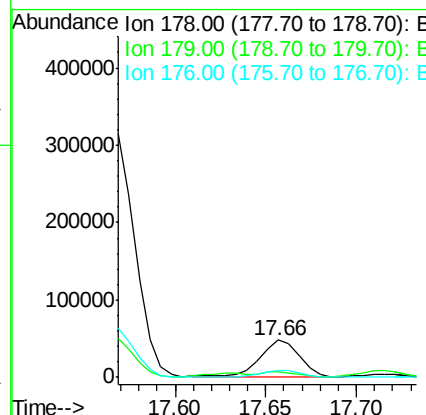
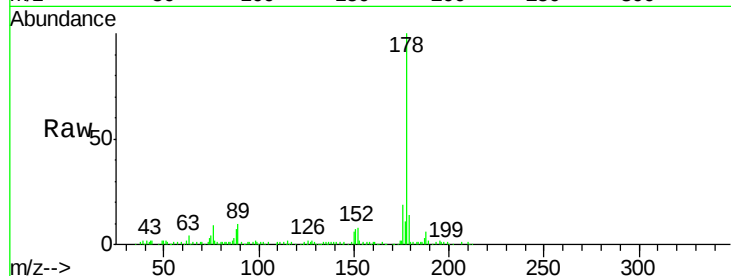




#71
 Anthracene
 Concen: 2.18 ng/ul
 RT: 17.66 min Scan# 2445
 Delta R.T. -0.00 min
 Lab File: BG029222.D
 Acq: 14 Oct 2017 11:29

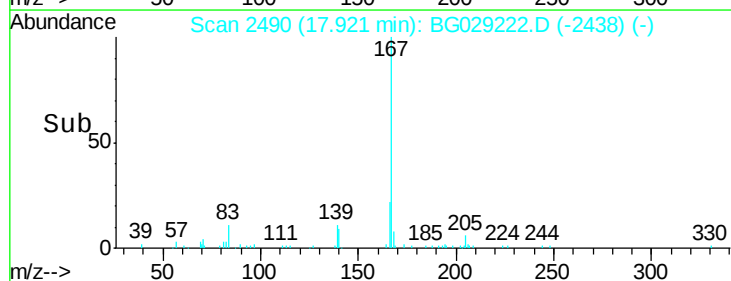
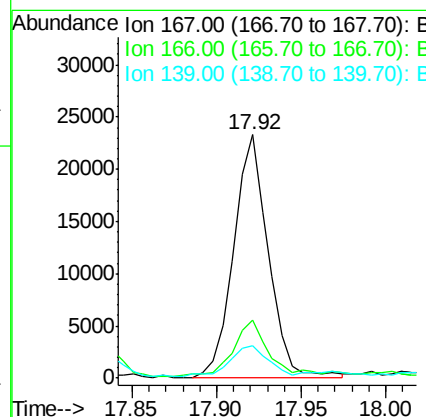
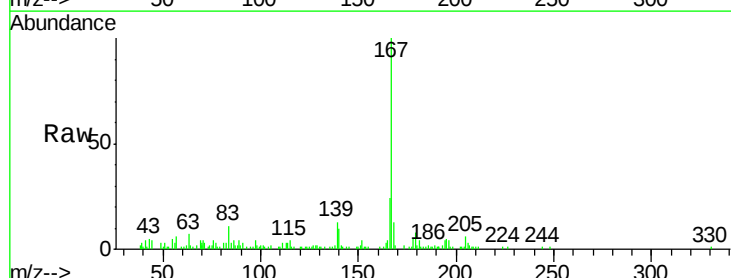
Instrument :
 BNA_G
 ClientSampleId :

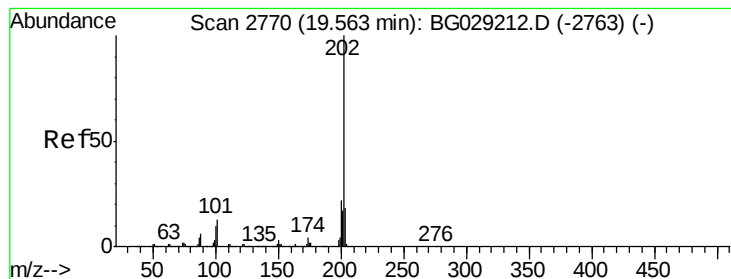
Tot Ion	Ratio	Lower	Upper
178	100		
179	13.8	13.2	19.8
176	19.1	16.0	24.0



#72
 Carbazole
 Concen: 1.11 ng/ul
 RT: 17.92 min Scan# 2490
 Delta R.T. 0.00 min
 Lab File: BG029222.D
 Acq: 14 Oct 2017 11:29

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.8	18.6	28.0
139	13.1	10.6	16.0





#74

Fluoranthene

Concen: 17.18 ng/ul

RT: 19.56 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG029222.D

Acq: 14 Oct 2017 11:29

Instrument :

BNA_G

ClientSampled :

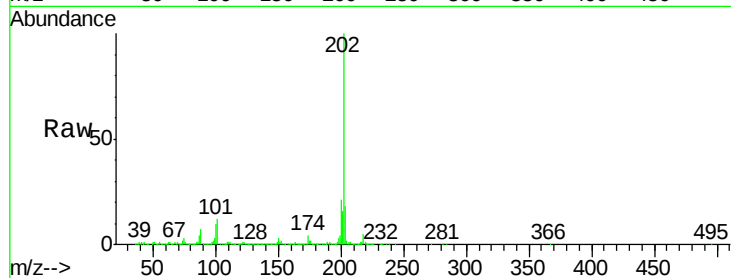
Tot Ion:202 Resp: 621154

Ion Ratio Lower Upper

202 100

101 12.4 7.4 11.2#

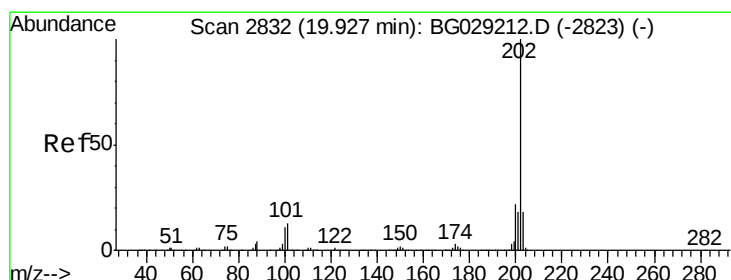
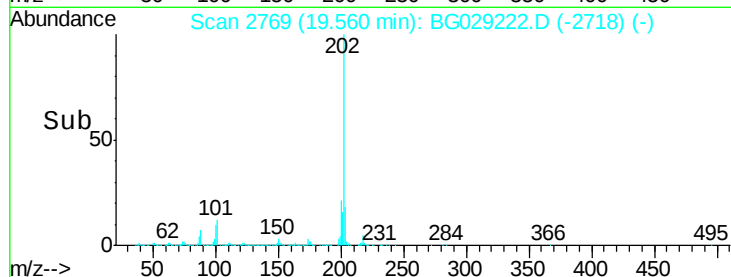
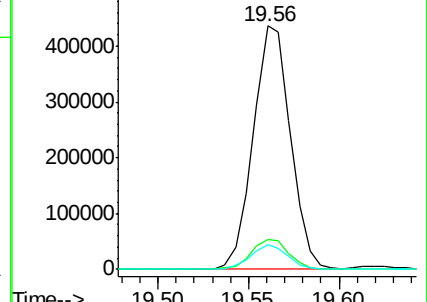
100 10.2 5.6 8.4#



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: 13.72 ng/ul

RT: 19.92 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BG029222.D

Acq: 14 Oct 2017 11:29

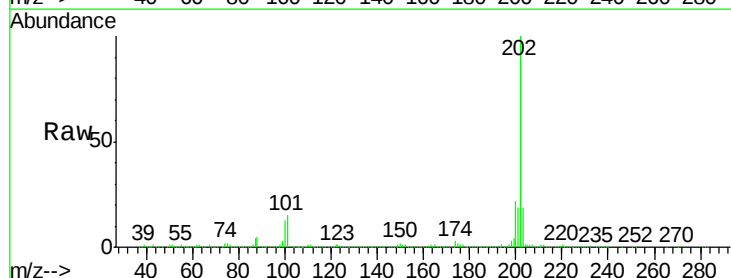
Tgt Ion:202 Resp: 527468

Ion Ratio Lower Upper

202 100

101 14.8 8.4 12.6#

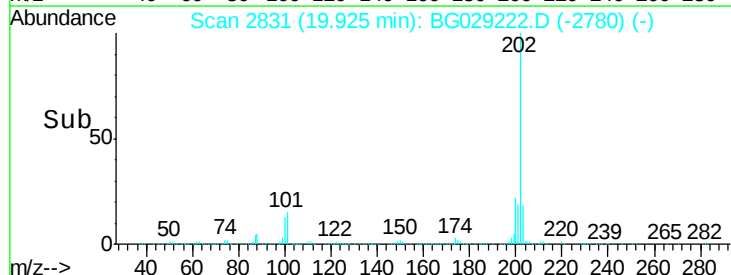
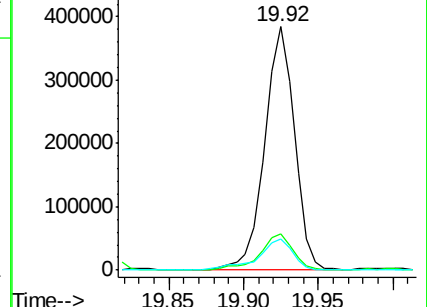
100 12.8 7.0 10.6#

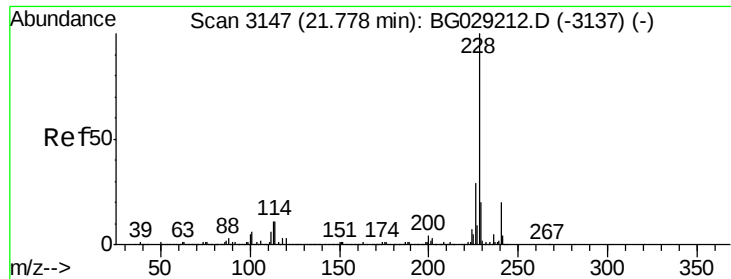


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

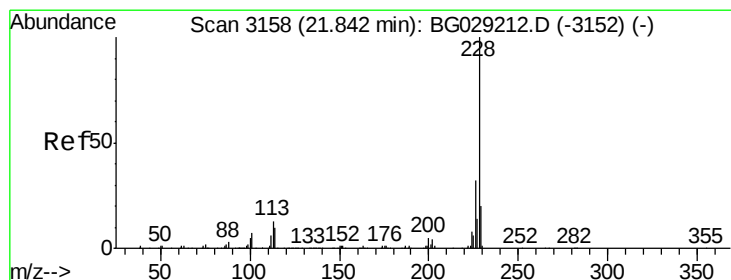
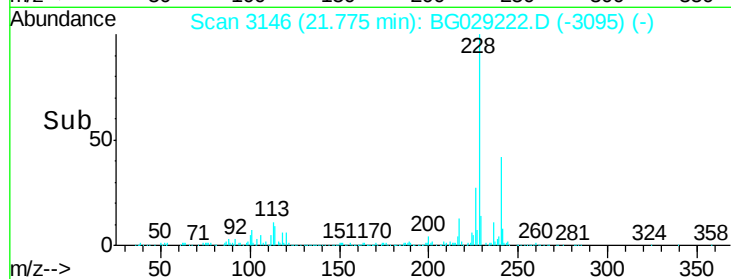
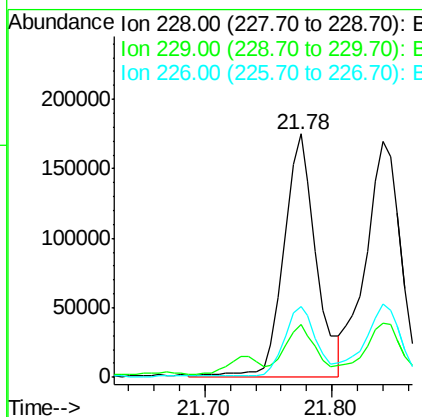
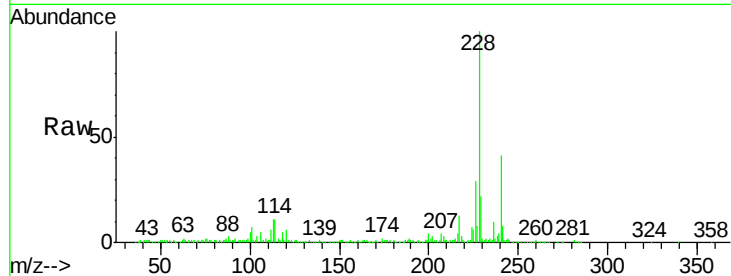




#80
Benzo(a)anthracene
Concen: 8.57 ng/ul
RT: 21.78 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BG029222.D
Acq: 14 Oct 2017 11:29

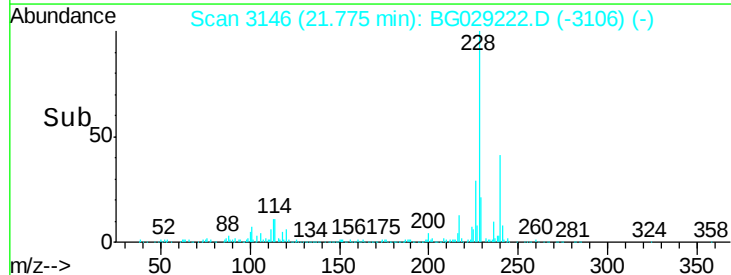
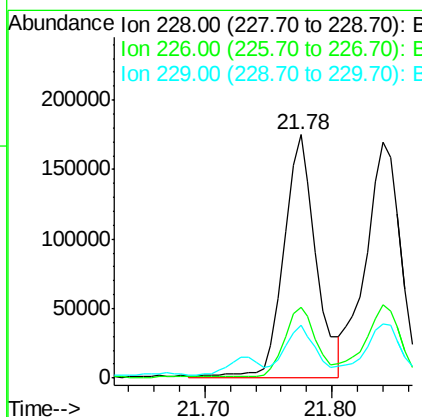
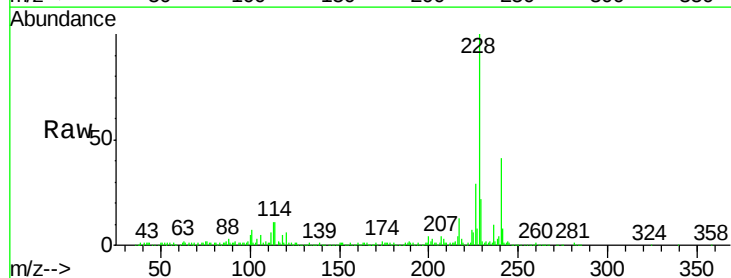
Instrument :
BNA_G
ClientSampleId :

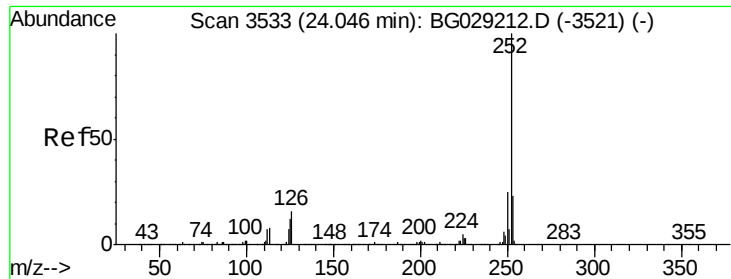
Tot Ion:228 Resp: 308062
Ion Ratio Lower Upper
228 100
229 21.9 16.2 24.4
226 29.0 22.2 33.2



#82
Chrysene
Concen: 9.43 ng/ul
RT: 21.78 min Scan# 3146
Delta R.T. -0.07 min
Lab File: BG029222.D
Acq: 14 Oct 2017 11:29

Tgt Ion:228 Resp: 308062
Ion Ratio Lower Upper
228 100
226 29.0 24.2 36.2
229 21.9 15.2 22.8





#85

Benzo(b)fluoranthene

Concen: 10.72 ng/ul

RT: 24.06 min Scan# 3534

Delta R.T. 0.01 min

Lab File: BG029222.D

Acq: 14 Oct 2017 11:29

Instrument :

BNA_G

ClientSampleId :

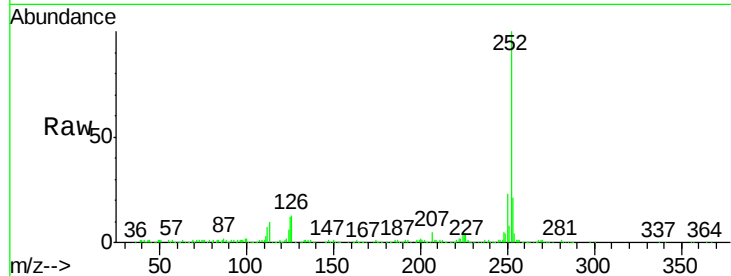
Tot Ion:252 Resp: 363046

Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.4

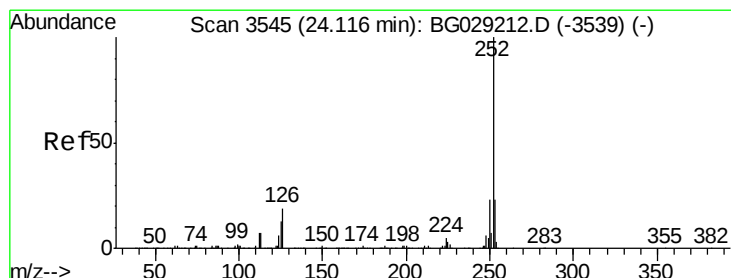
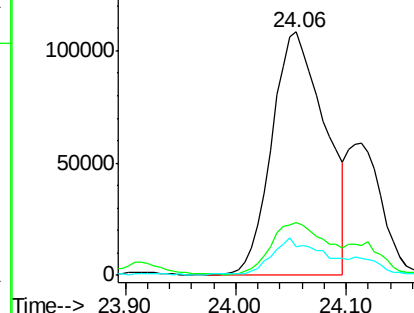
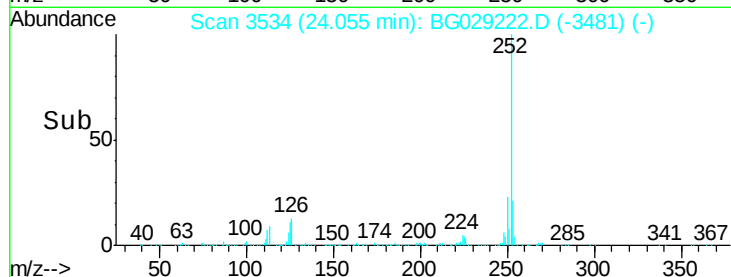
125 11.8 7.5 11.3#



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: 3.87 ng/ul

RT: 24.11 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BG029222.D

Acq: 14 Oct 2017 11:29

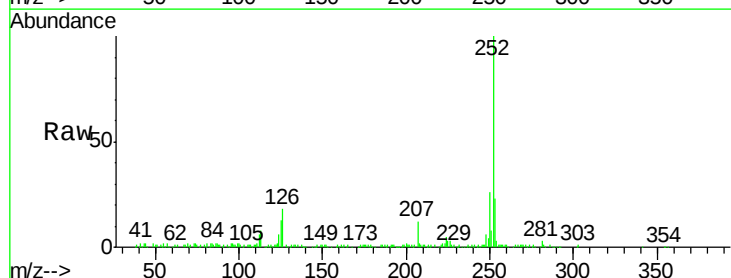
Tgt Ion:252 Resp: 126792

Ion Ratio Lower Upper

252 100

253 22.7 17.2 25.8

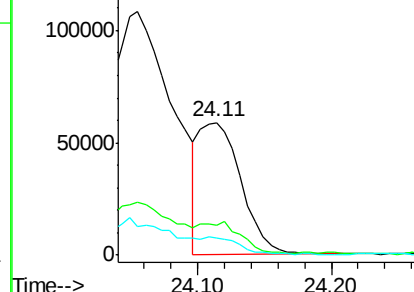
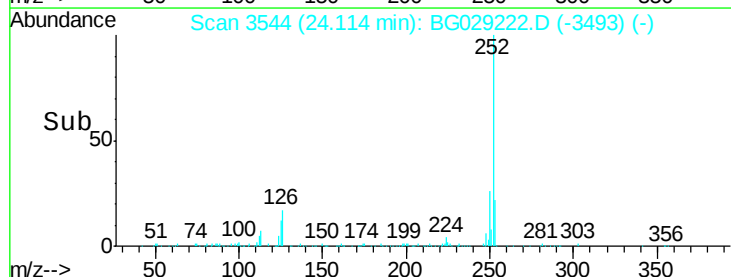
125 12.8 7.8 11.8#

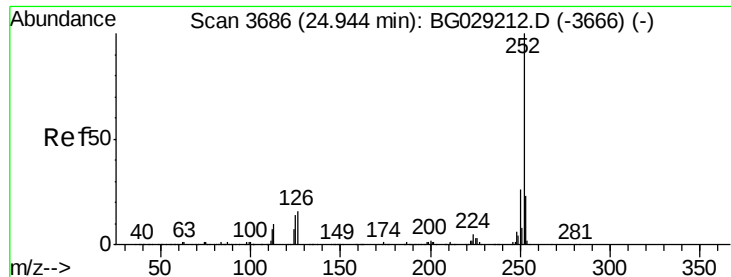


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

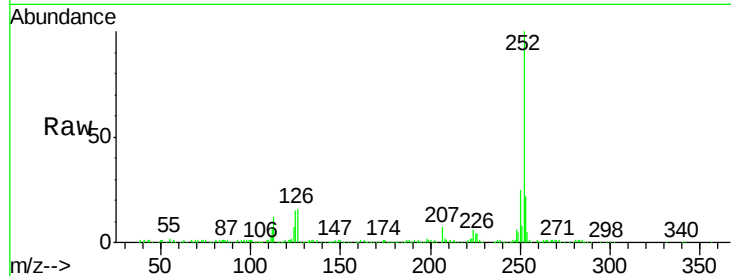




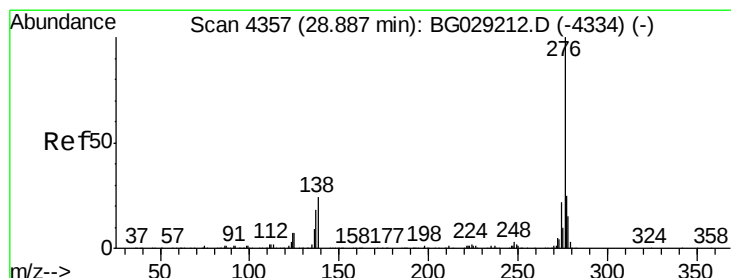
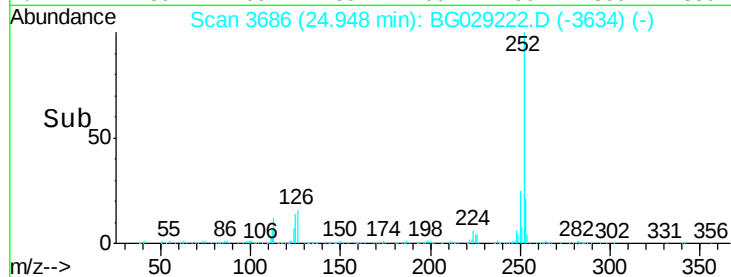
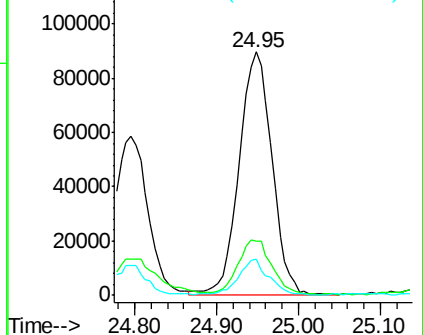
#88
Benzo(a)pyrene
Concen: 7.54 ng/ul
RT: 24.95 min Scan# 3686
Delta R.T. 0.00 min
Lab File: BG029222.D
Acq: 14 Oct 2017 11:29

Instrument :
BNA_G
ClientSampled :

Tot Ion:252 Resp: 248630
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 14.8 7.8 11.8#

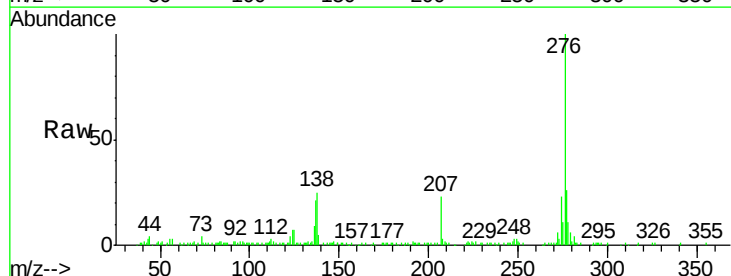


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

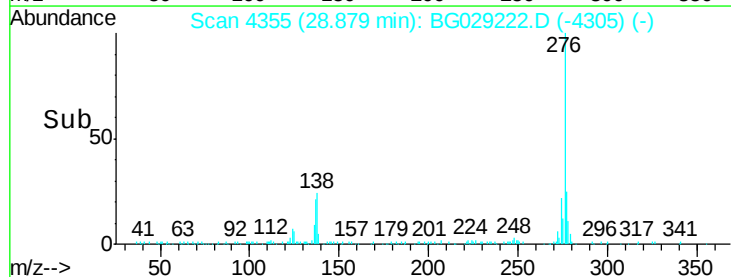
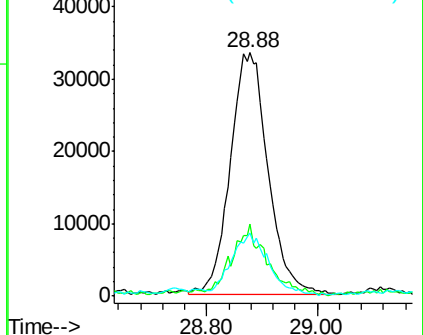


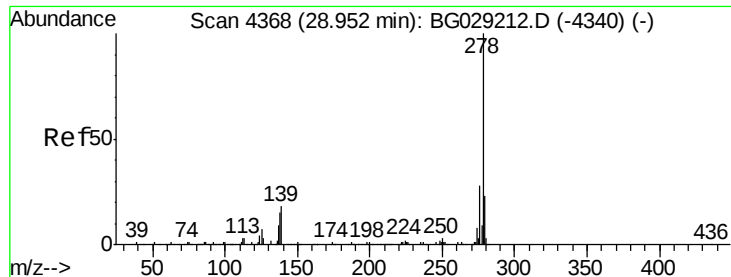
#89
Indeno(1,2,3-cd)pyrene
Concen: 4.25 ng/ul
RT: 28.88 min Scan# 4355
Delta R.T. -0.01 min
Lab File: BG029222.D
Acq: 14 Oct 2017 11:29

Tgt Ion:276 Resp: 158711
Ion Ratio Lower Upper
276 100
138 29.7 13.4 20.0#
277 25.8 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

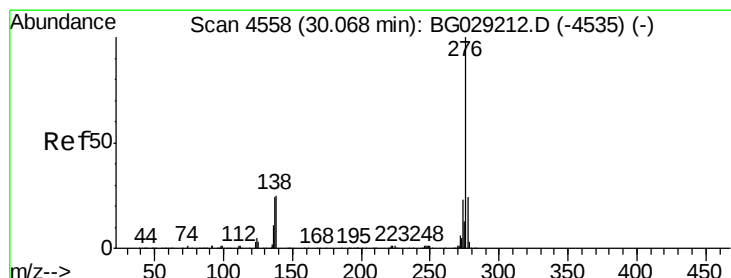
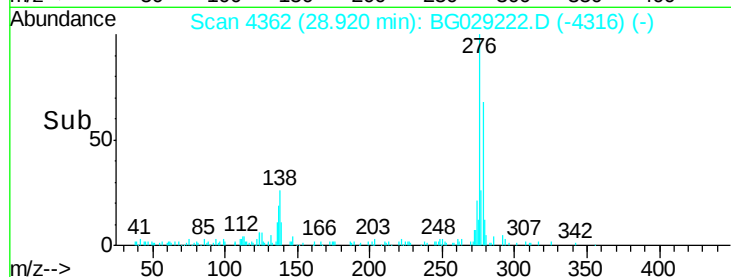
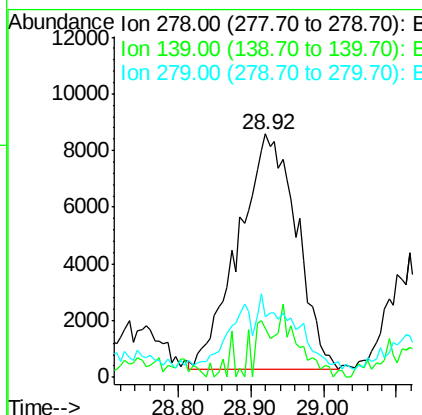
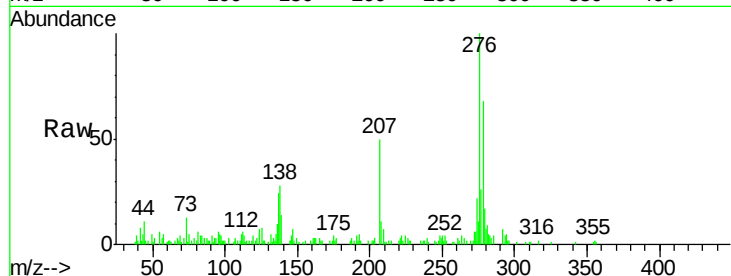




#90
Dibenzo(a,h)anthracene
Concen: 1.50 ng/ul
RT: 28.92 min Scan# 4362
Delta R.T. -0.03 min
Lab File: BG029222.D
Acq: 14 Oct 2017 11:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 46449
Ion Ratio Lower Upper
278 100
139 19.9 9.4 14.2#
279 25.1 18.4 27.6



#91
Benzo(g,h,i)perylene
Concen: 3.78 ng/ul
RT: 30.05 min Scan# 4554
Delta R.T. -0.02 min
Lab File: BG029222.D
Acq: 14 Oct 2017 11:29

Tgt Ion:276 Resp: 116956
Ion Ratio Lower Upper
276 100
138 24.1 12.1 18.1#
277 24.1 17.7 26.5

