

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\
 Data File : BG029173.D
 Acq On : 11 Oct 2017 19:59
 Operator : SJ/JU
 Sample : I5668-22
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 12 08:52:42 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101117.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 11 04:24:22 2017
 Response via : Initial Calibration

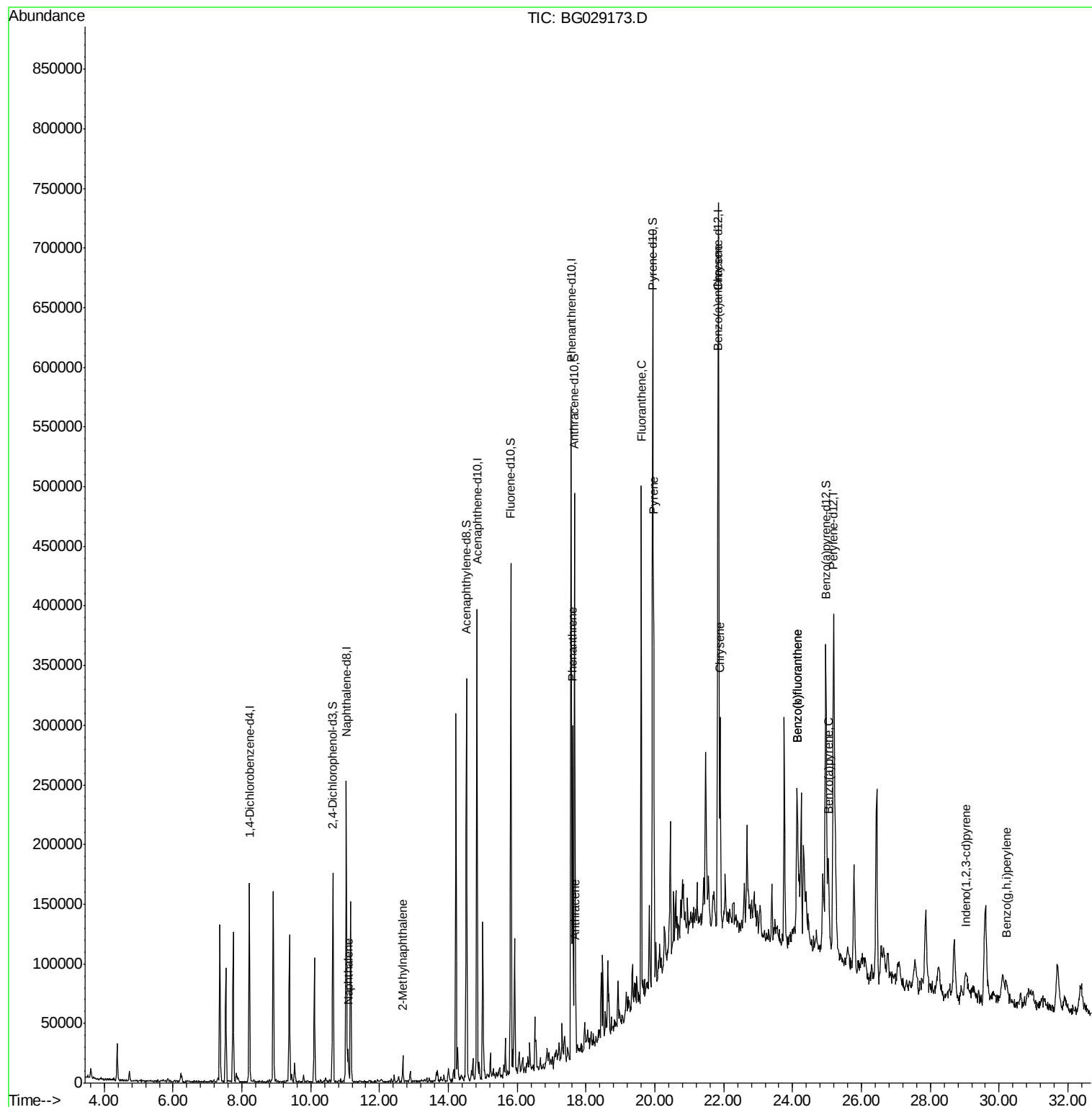
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	46269	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	209137	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	142212	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	323229	20.00	ng/ul	0.00
18) Chrysene-d12	21.84	240	356190	20.00	ng/ul	0.00
23) Perylene-d12	25.20	264	359437	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.65	165	66776	16.70	ng/ul	0.00
7) Acenaphthylene-d8	14.52	160	255036	17.89	ng/ul	0.00
10) Fluorene-d10	15.82	176	187666	16.78	ng/ul	0.00
15) Anthracene-d10	17.66	188	280327	17.55	ng/ul	0.00
19) Pyrene-d10	19.93	212	328051	17.53	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.96	264	309075	17.19	ng/ul	0.00
Target Compounds				Qvalue		
4) Naphthalene	11.09	128	21665	1.97	ng/ul	97
5) 2-Methylnaphthalene	12.67	142	11335	1.35	ng/ul	92
14) Phenanthrene	17.61	178	177009	10.11	ng/ul	97
16) Anthracene	17.70	178	39748	2.21	ng/ul	97
17) Fluoranthene	19.60	202	286379	13.90	ng/ul	100
20) Pyrene	19.96	202	237660	11.00	ng/ul	99
21) Benzo(a)anthracene	21.82	228	145515	6.71	ng/ul	97
22) Chrysene	21.89	228	131728	6.72	ng/ul	98
24) Benzo(b)fluoranthene	24.13	252	160930	7.27	ng/ul#	96
25) Benzo(k)fluoranthene	24.13	252	160930	7.38	ng/ul#	98
27) Benzo(a)pyrene	25.04	252	101325	4.69	ng/ul	100
28) Indeno(1,2,3-cd)pyrene	29.03	276	47072	2.28	ng/ul	93
30) Benzo(a,h,i)perylene	30.22	276	40349	2.81	ng/ul#	92

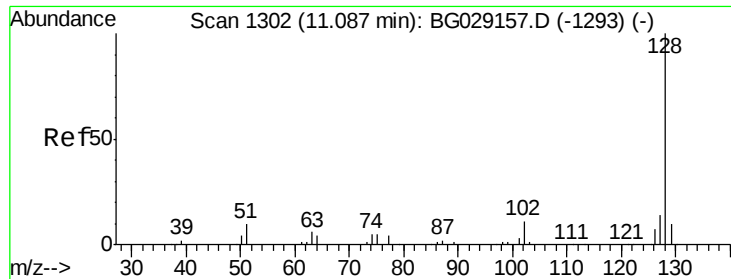
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Naphthalene

Concen: 1.97 ng/ul

RT: 11.09 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BG029173.D

Acq: 11 Oct 2017 19:59

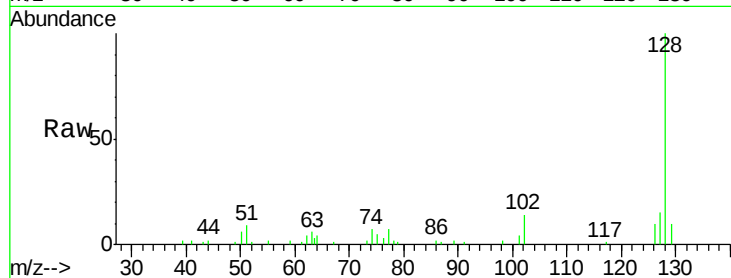
Instrument :

BNA_G

ClientSampleId :

Tot Ion:128 Resp: 21665

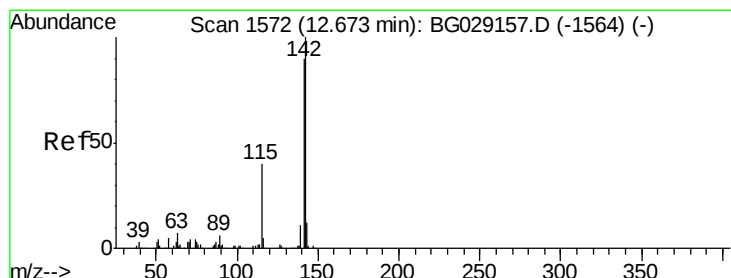
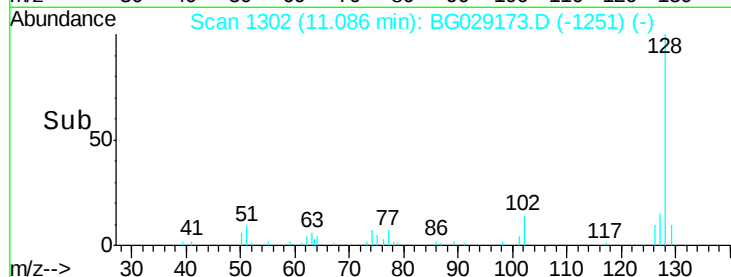
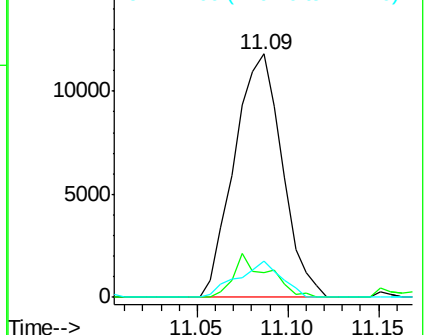
Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.0	13.4
127	15.0	10.6	15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 1.35 ng/ul

RT: 12.67 min Scan# 1572

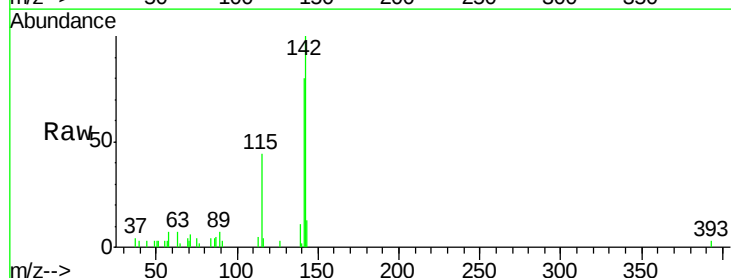
Delta R.T. -0.00 min

Lab File: BG029173.D

Acq: 11 Oct 2017 19:59

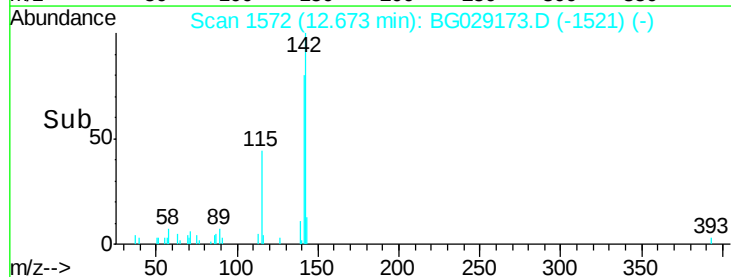
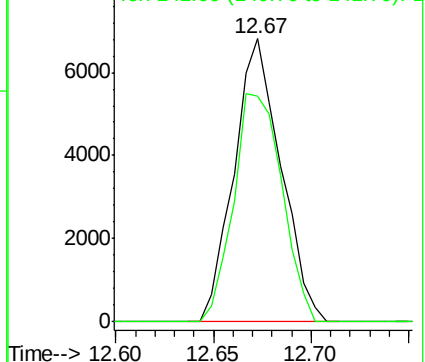
Tgt Ion:142 Resp: 11335

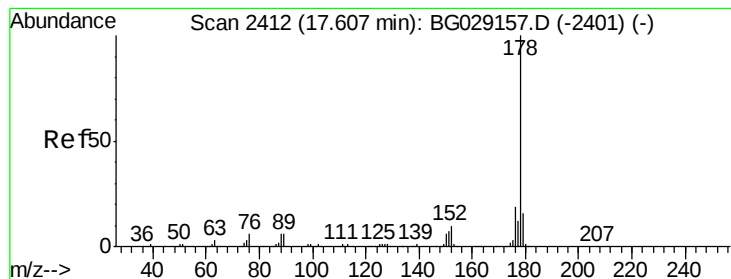
Ion	Ratio	Lower	Upper
142	100		
141	79.8	69.8	104.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#14

Phenanthrene

Concen: 10.11 ng/ul

RT: 17.61 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BG029173.D

Acq: 11 Oct 2017 19:59

Instrument :

BNA_G

ClientSampleId :

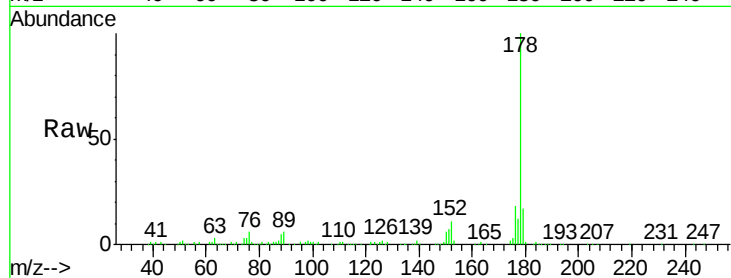
Tot Ion:178 Resp: 177009

Ion Ratio Lower Upper

178 100

179 16.6 12.2 18.2

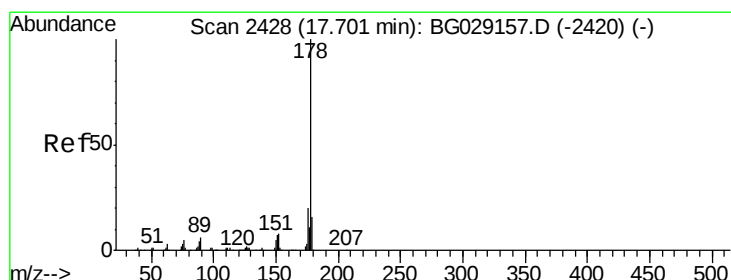
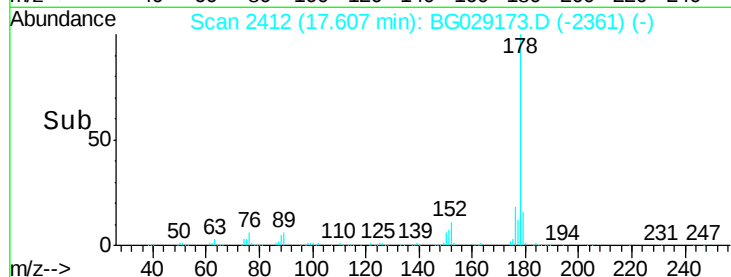
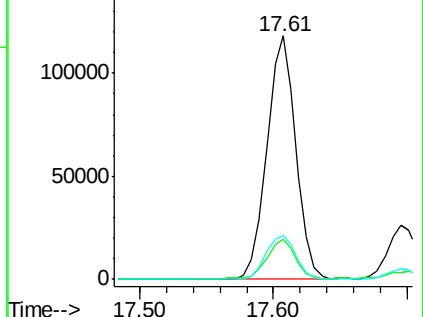
176 18.0 15.0 22.6



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



#16

Anthracene

Concen: 2.21 ng/ul

RT: 17.70 min Scan# 2427

Delta R.T. -0.01 min

Lab File: BG029173.D

Acq: 11 Oct 2017 19:59

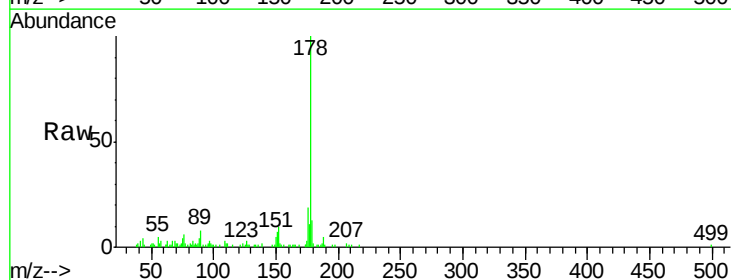
Tgt Ion:178 Resp: 39748

Ion Ratio Lower Upper

178 100

179 13.4 12.5 18.7

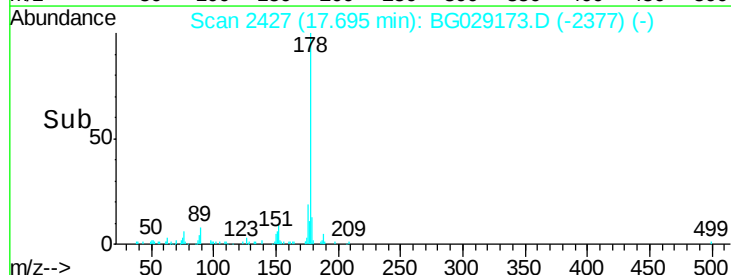
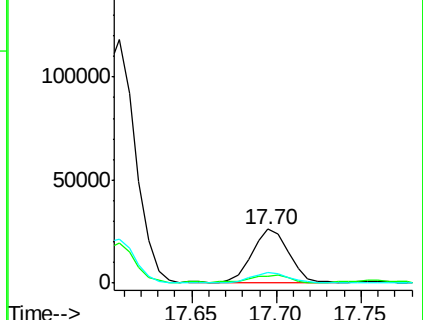
176 19.0 15.7 23.5

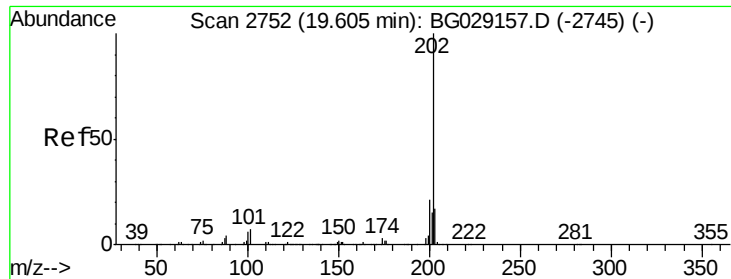


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

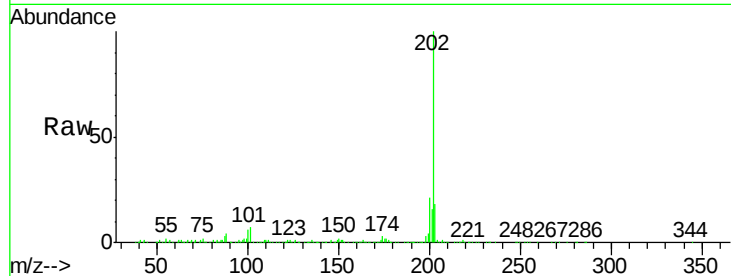




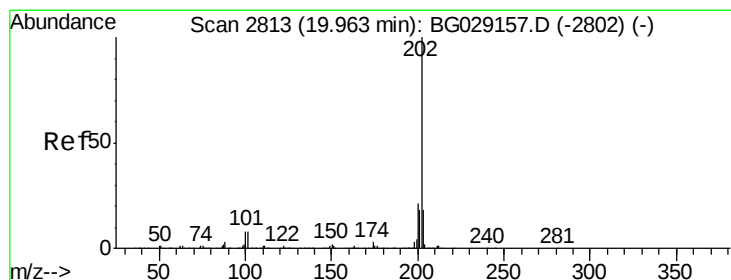
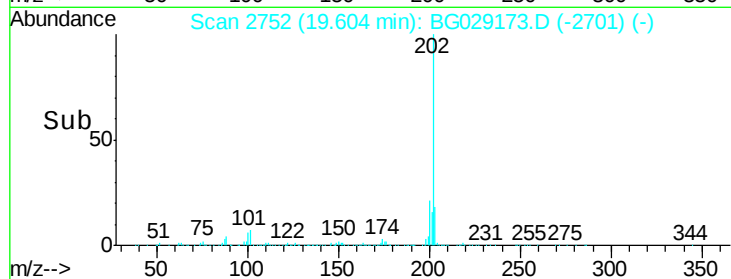
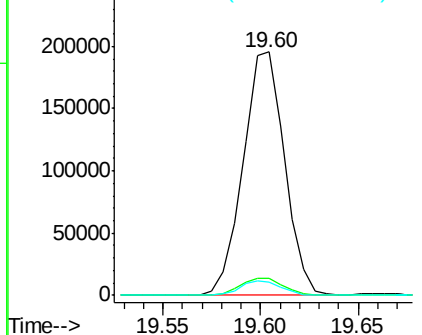
#17
 Fluoranthene
 Concen: 13.90 ng/ul
 RT: 19.60 min Scan# 2752
 Delta R.T. -0.00 min
 Lab File: BG029173.D
 Acq: 11 Oct 2017 19:59

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Resp	Lower	Upper
202	100	286379		
101	7.0		5.6	8.4
100	5.7		4.7	7.1

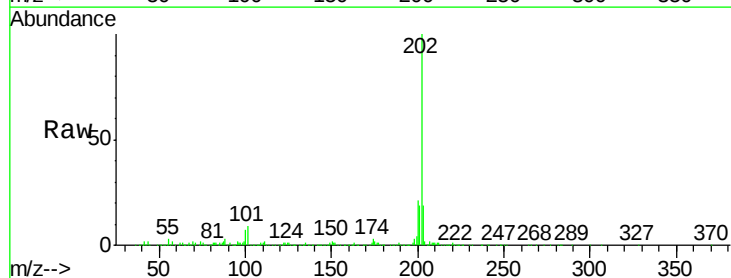


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

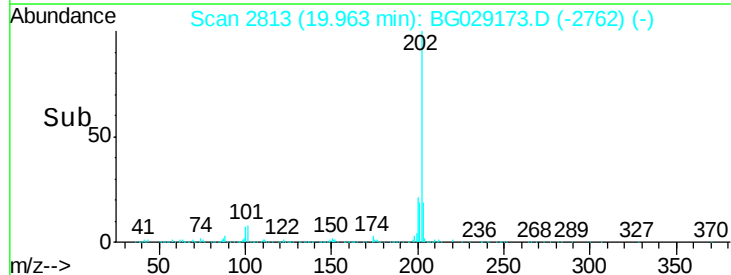
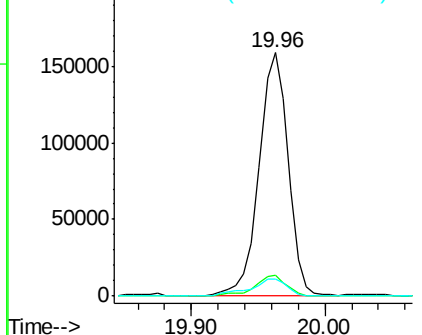


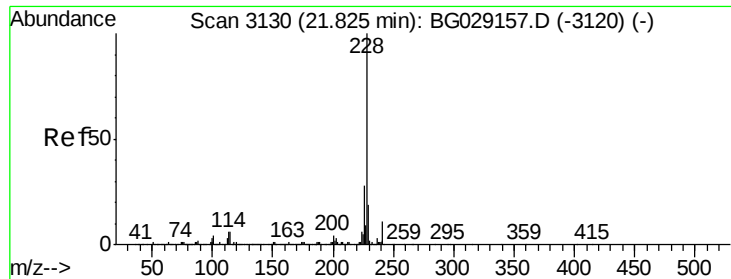
#20
 Pyrene
 Concen: 11.00 ng/ul
 RT: 19.96 min Scan# 2813
 Delta R.T. -0.00 min
 Lab File: BG029173.D
 Acq: 11 Oct 2017 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	237660		
101	8.5		6.5	9.7
100	7.2		5.5	8.3



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

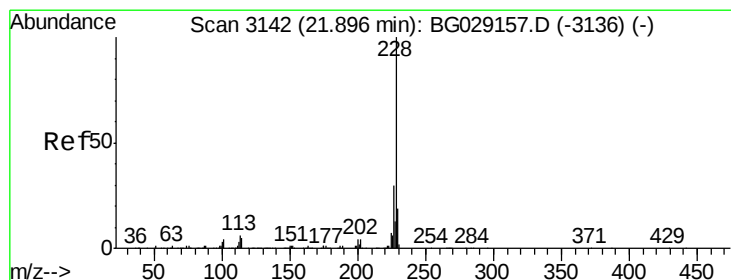
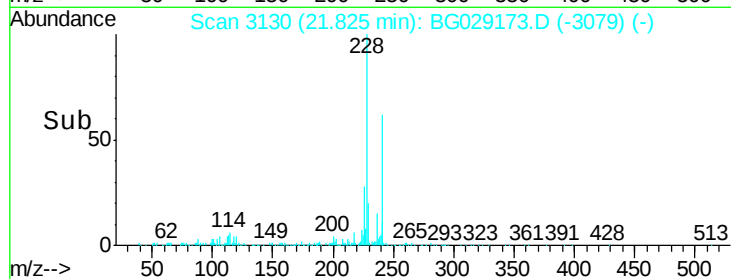
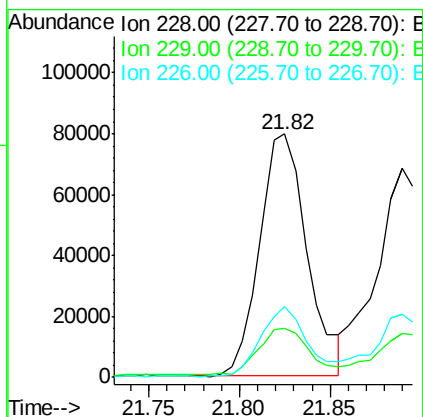
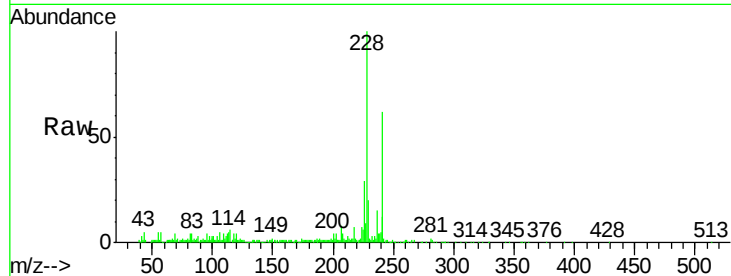




#21
Benzo(a)anthracene
Concen: 6.71 ng/ul
RT: 21.82 min Scan# 3130
Delta R.T. -0.00 min
Lab File: BG029173.D
Acq: 11 Oct 2017 19:59

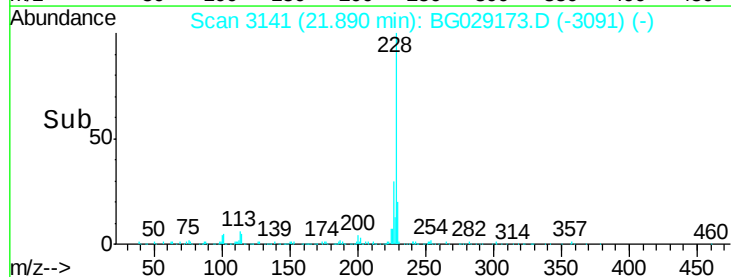
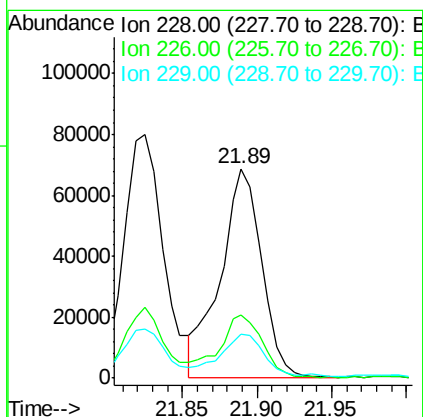
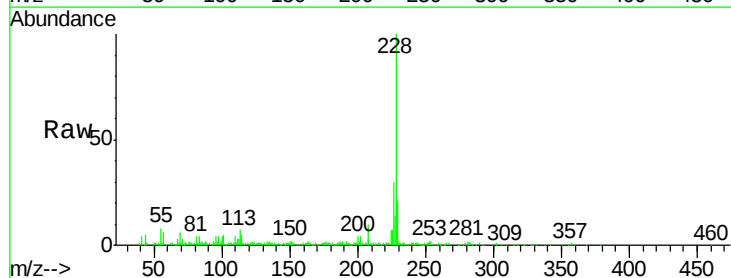
Instrument :
BNA_G
ClientSampled :

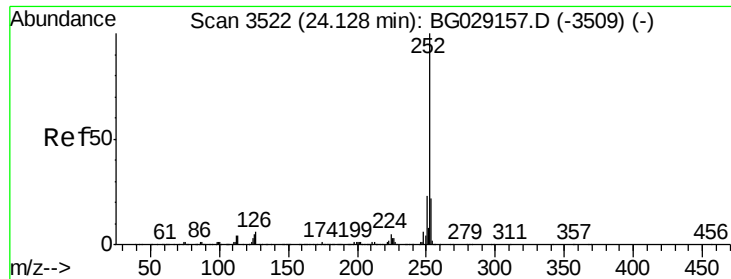
Tot Ion:228 Resp: 145515
Ion Ratio Lower Upper
228 100
229 20.4 15.8 23.8
226 28.9 21.6 32.4



#22
Chrysene
Concen: 6.72 ng/ul
RT: 21.89 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG029173.D
Acq: 11 Oct 2017 19:59

Tgt Ion:228 Resp: 131728
Ion Ratio Lower Upper
228 100
226 30.3 23.4 35.0
229 20.7 15.7 23.5

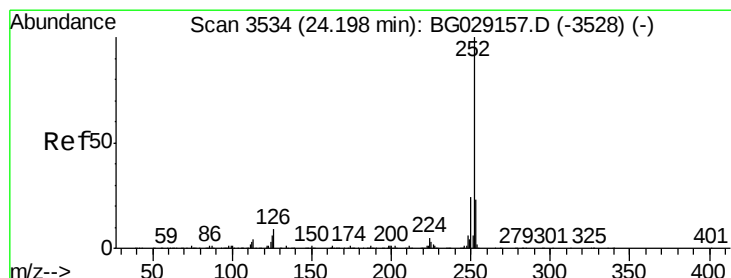
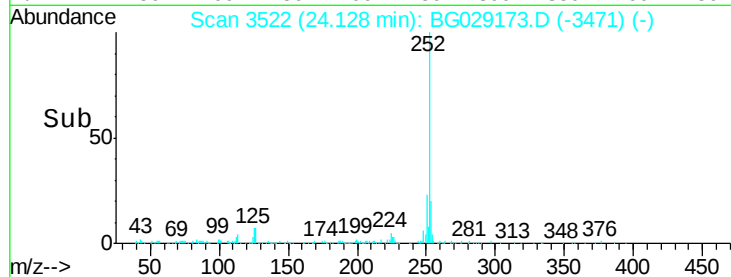
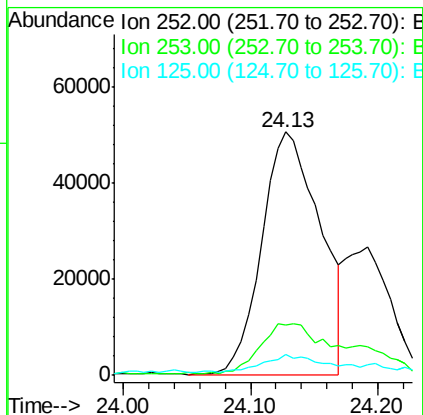
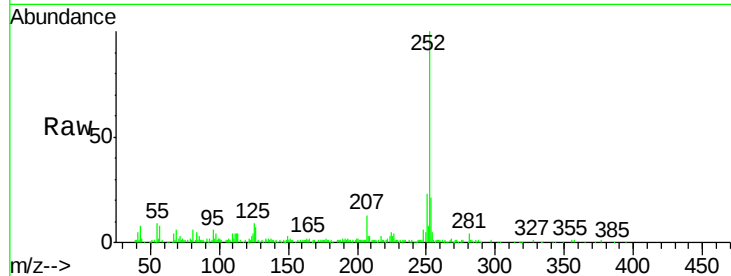




#24
Benzo(b)fluoranthene
Concen: 7.27 ng/ul
RT: 24.13 min Scan# 3522
Delta R.T. -0.00 min
Lab File: BG029173.D
Acq: 11 Oct 2017 19:59

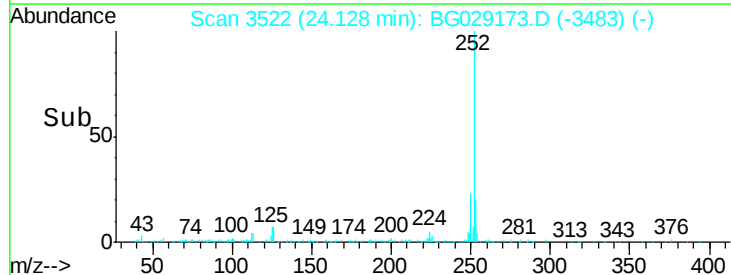
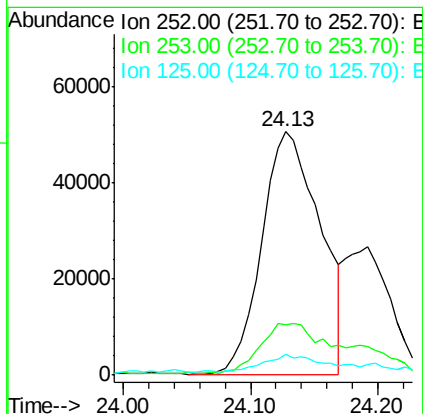
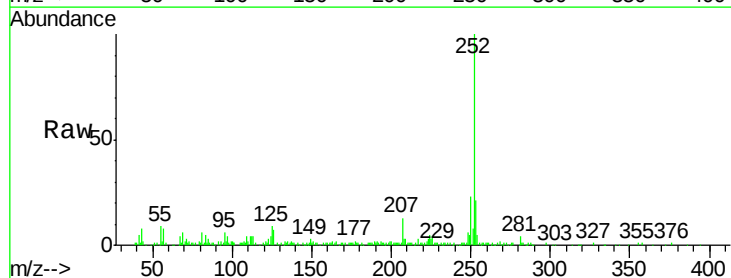
Instrument :
BNA_G
ClientSampleId :

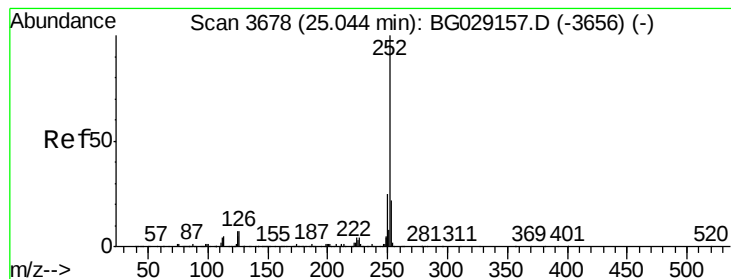
Tot Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.6	26.4
125	8.7	4.5	6.7#



#25
Benzo(k)fluoranthene
Concen: 7.38 ng/ul
RT: 24.13 min Scan# 3522
Delta R.T. -0.07 min
Lab File: BG029173.D
Acq: 11 Oct 2017 19:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	16.8	25.2
125	8.7	5.1	7.7#





#27

Benzo(a)pyrene

Concen: 4.69 ng/ul

RT: 25.04 min Scan# 3677

Delta R.T. -0.01 min

Lab File: BG029173.D

Acq: 11 Oct 2017 19:59

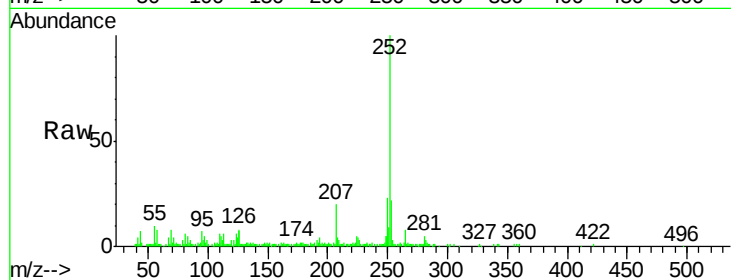
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 101325

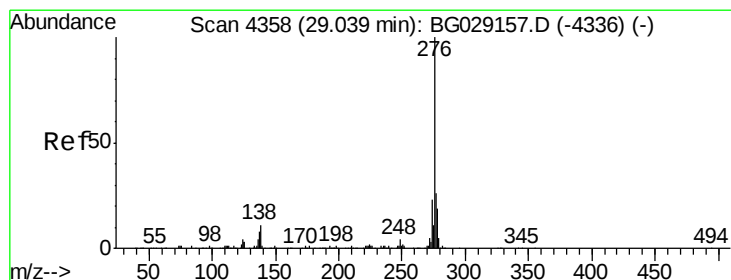
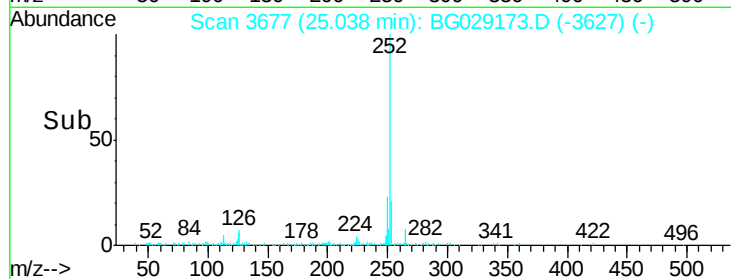
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	6.9	5.4	8.2



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



#28

Indeno(1,2,3-cd)pyrene

Concen: 2.28 ng/ul

RT: 29.03 min Scan# 4356

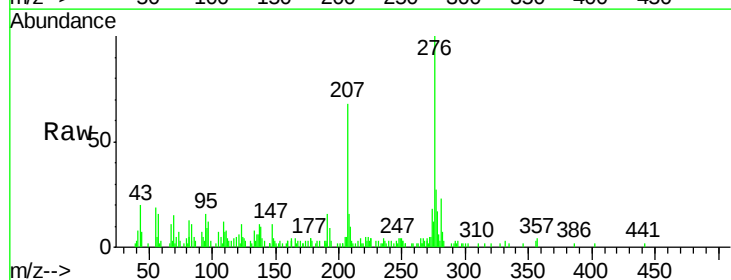
Delta R.T. -0.01 min

Lab File: BG029173.D

Acq: 11 Oct 2017 19:59

Tgt Ion:276 Resp: 47072

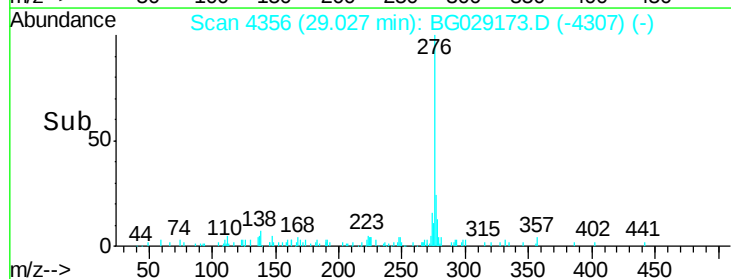
Ion	Ratio	Lower	Upper
276	100		
138	9.8	9.5	14.3
277	26.5	18.1	27.1

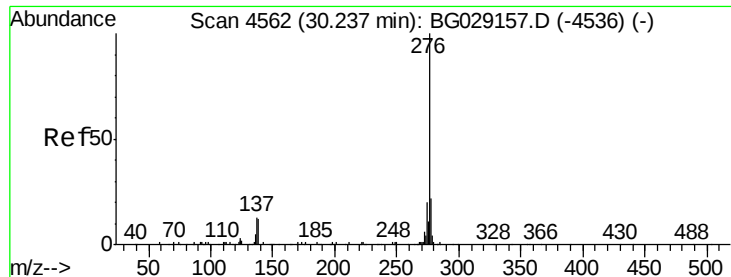


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#30

Benzo(a,h,i)perylene

Concen: 2.81 ng/ul

RT: 30.22 min Scan# 4559

Delta R.T. -0.02 min

Lab File: BG029173.D

Acq: 11 Oct 2017 19:59

Instrument :

BNA_G

ClientSampleId :

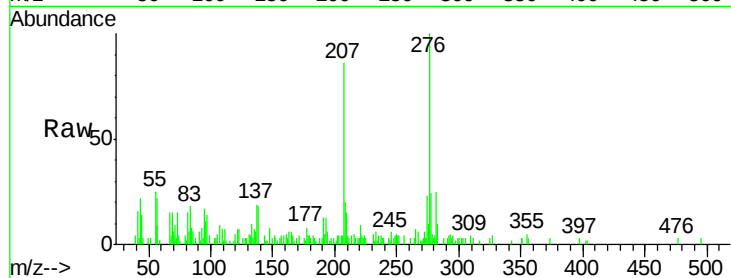
Tot Ion:276 Resp: 40349

Ion Ratio Lower Upper

276 100

138 17.8 9.3 13.9#

277 24.1 17.9 26.9



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

