

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100717\
 Data File : BG029080.D
 Acq On : 8 Oct 2017 12:43
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 09 07:19:25 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 09 07:08:45 2017
 Response via : Initial Calibration

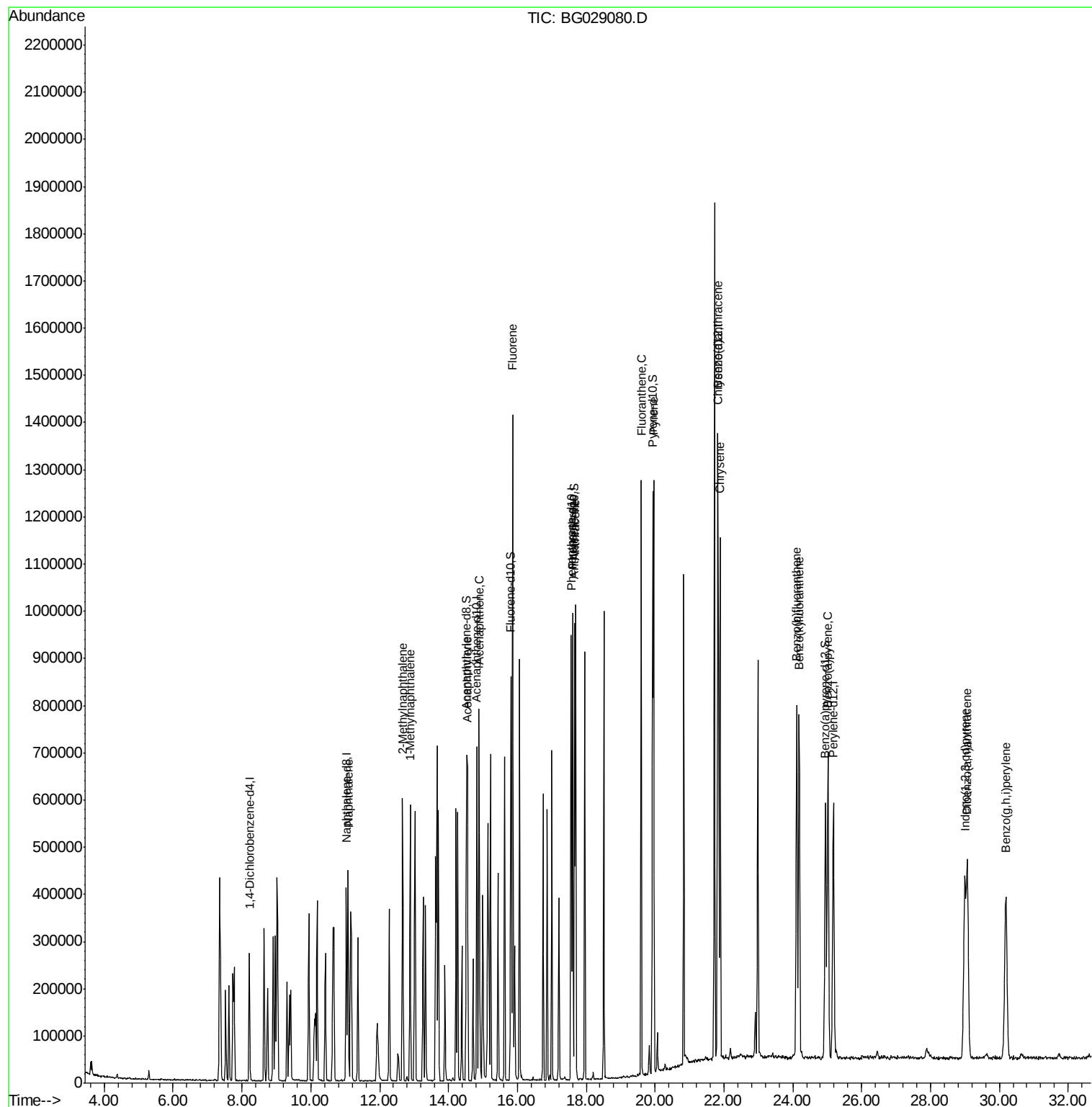
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	80206	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	369288	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.82	164	243544	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	578288	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	577817	20.00	ng/ul	0.00
22) Perylene-d12	25.18	264	584370	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	513648	20.28	ng/ul	0.00
10) Fluorene-d10	15.81	176	377185	20.53	ng/ul	0.00
14) Anthracene-d10	17.66	188	576620	20.59	ng/ul	0.00
18) Pyrene-d10	19.93	212	637798	21.57	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.95	264	581084	20.76	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.08	128	392185	20.400	ng/ul	99
4) 2-Methylnaphthalene	12.67	142	296122	20.294	ng/ul	98
5) 1-Methylnaphthalene	12.89	142	284193	20.408	ng/ul#	95
8) Acenaphthylene	14.55	152	501455	20.563	ng/ul	100
9) Acenaphthene	14.89	153	335163	20.194	ng/ul	95
11) Fluorene	15.86	166	392780	20.221	ng/ul	93
13) Phenanthrene	17.60	178	635798	20.612	ng/ul	97
15) Anthracene	17.69	178	659078	20.885	ng/ul	98
16) Fluoranthene	19.60	202	773412	21.389	ng/ul	97
19) Pyrene	19.96	202	789426	21.917	ng/ul	99
20) Benzo(a)anthracene	21.82	228	754586	22.175	ng/ul	97
21) Chrysene	21.89	228	679190	21.797	ng/ul	99
23) Benzo(b)fluoranthene	24.11	252	725001	20.739	ng/ul	98
24) Benzo(k)fluoranthene	24.18	252	711697	20.859	ng/ul	100
26) Benzo(a)pyrene	25.02	252	708860	20.876	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	29.00	276	794473	20.615	ng/ul	95
28) Dibenzo(a,h)anthracene	29.07	278	667284	20.913	ng/ul	97
29) Benzo(g,h,i)perylene	30.19	276	659039	20.738	ng/ul#	96

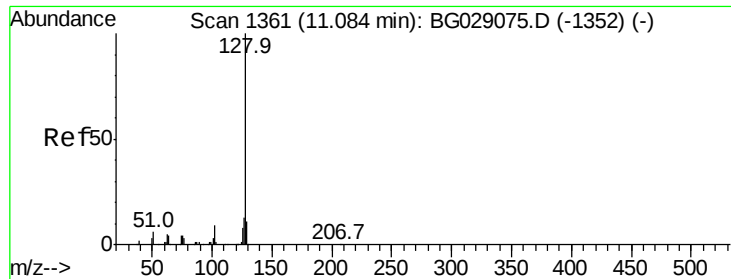
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100717\
Data File : BG029080.D
Acq On : 8 Oct 2017 12:43
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 09 07:19:25 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 09 07:08:45 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 20.400 ng/ul

RT: 11.08 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BG029080.D

Acq: 8 Oct 2017 12:43

Instrument :

BNA_G

ClientSampleId :

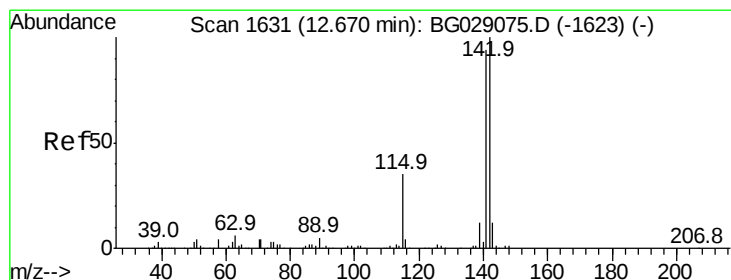
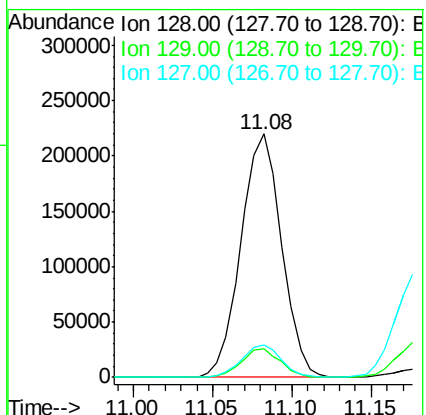
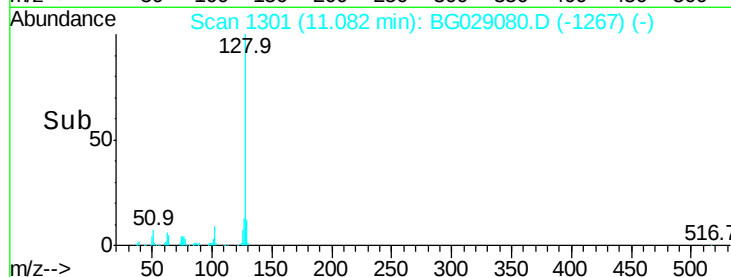
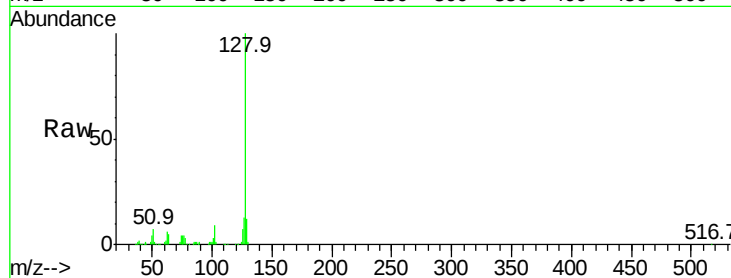
Tot Ion:128 Resp: 392185

Ion Ratio Lower Upper

128 100

129 11.6 8.7 13.1

127 13.4 10.6 16.0



#4

2-Methylnaphthalene

Concen: 20.294 ng/ul

RT: 12.67 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BG029080.D

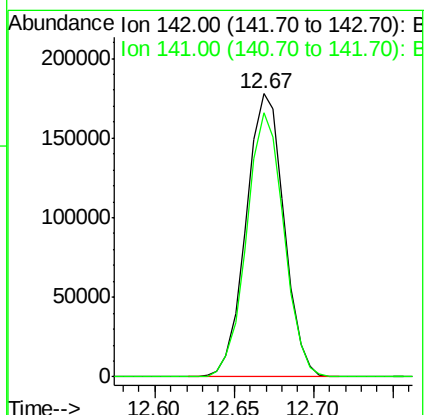
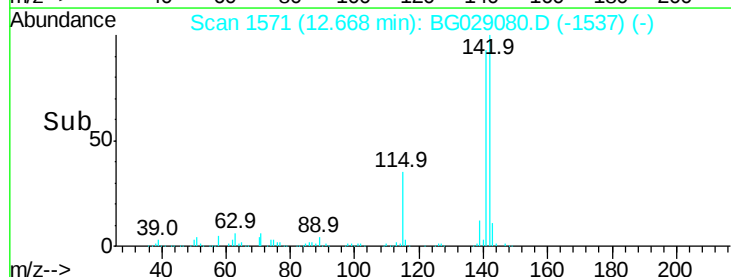
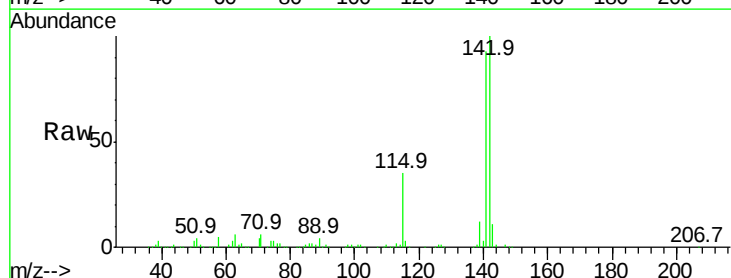
Acq: 8 Oct 2017 12:43

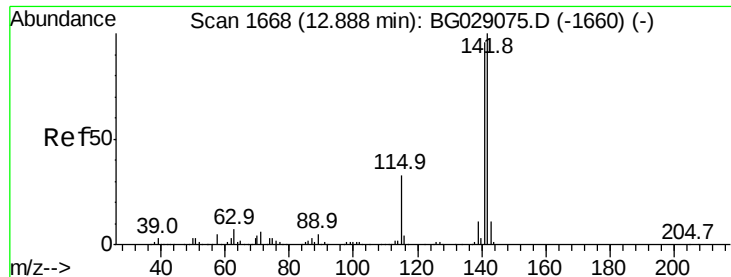
Tgt Ion:142 Resp: 296122

Ion Ratio Lower Upper

142 100

141 93.2 72.7 109.1





#5

1-Methylnaphthalene

Concen: 20.408 ng/ul

RT: 12.89 min Scan# 1608

Delta R.T. -0.00 min

Lab File: BG029080.D

Acq: 8 Oct 2017 12:43

Instrument :

BNA_G

ClientSampleId :

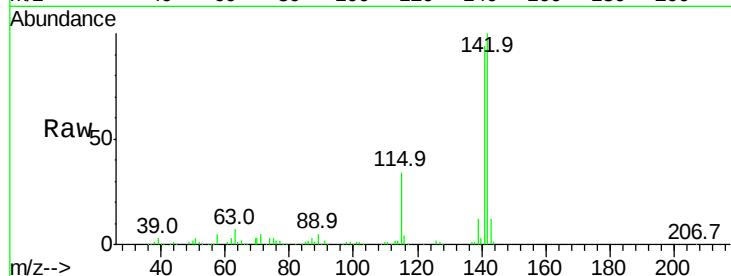
Tot Ion:142 Resp: 284193

Ion Ratio Lower Upper

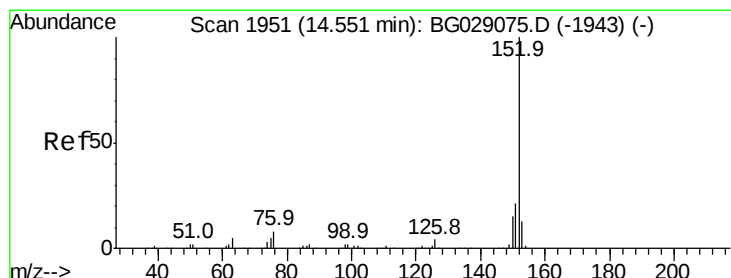
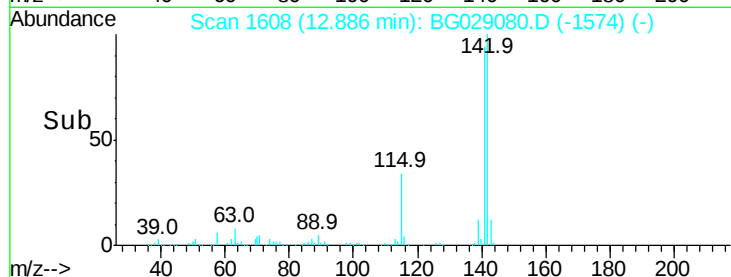
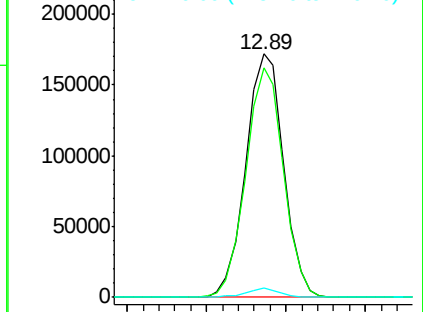
142 100

141 94.1 79.3 118.9

116 3.8 4.2 6.2#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E



#8

Acenaphthylene

Concen: 20.563 ng/ul

RT: 14.55 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BG029080.D

Acq: 8 Oct 2017 12:43

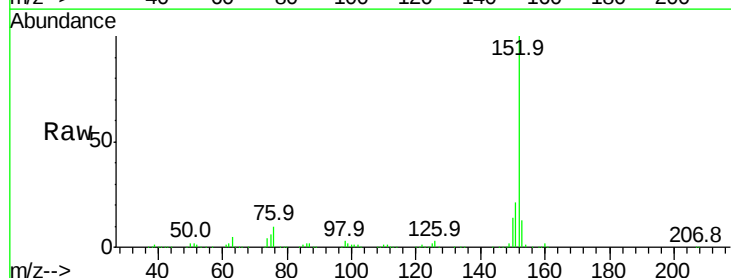
Tgt Ion:152 Resp: 501455

Ion Ratio Lower Upper

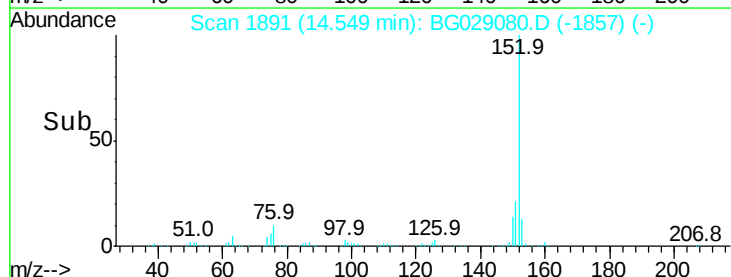
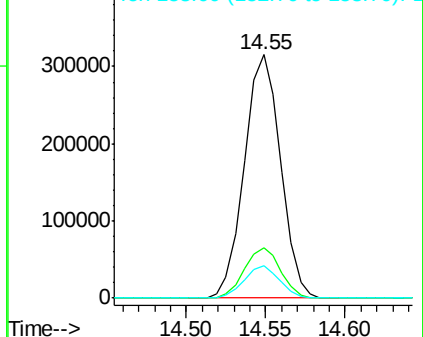
152 100

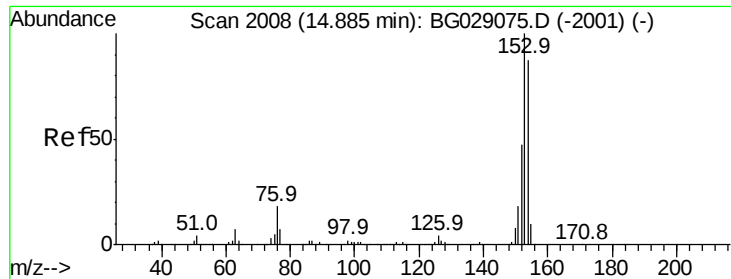
151 20.8 16.7 25.1

153 13.1 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#9

Acenaphthene

Concen: 20.194 ng/ul

RT: 14.89 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BG029080.D

Acq: 8 Oct 2017 12:43

Instrument :

BNA_G

ClientSampled :

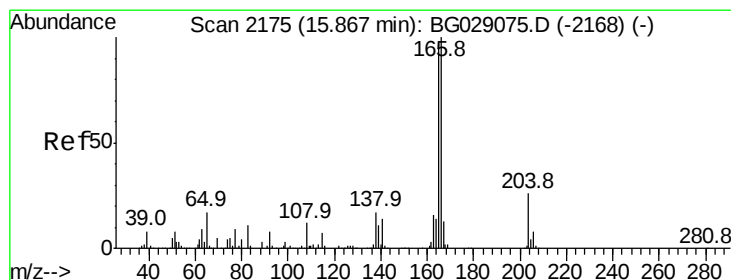
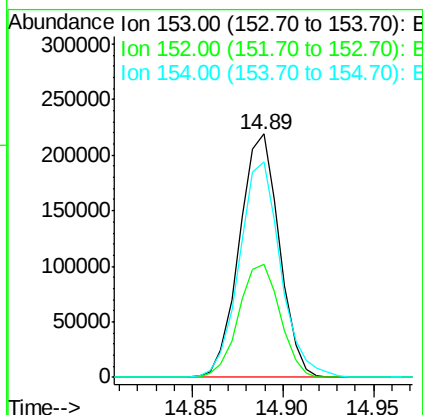
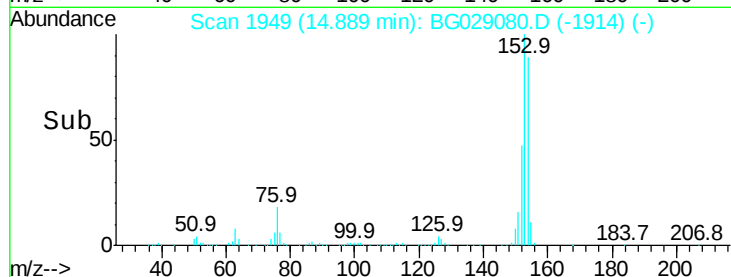
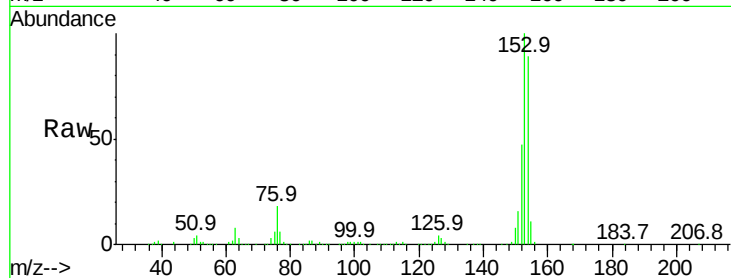
Tot Ion:153 Resp: 335163

Ion Ratio Lower Upper

153 100

152 46.6 39.0 58.6

154 88.6 66.8 100.2



#11

Fluorene

Concen: 20.221 ng/ul

RT: 15.86 min Scan# 2115

Delta R.T. -0.00 min

Lab File: BG029080.D

Acq: 8 Oct 2017 12:43

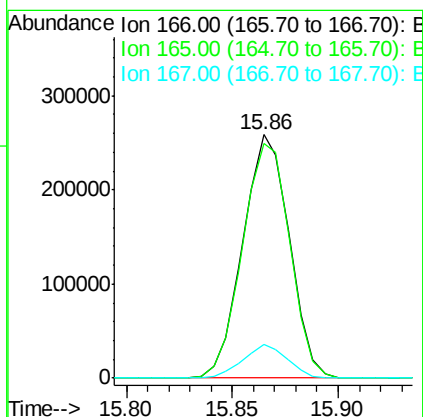
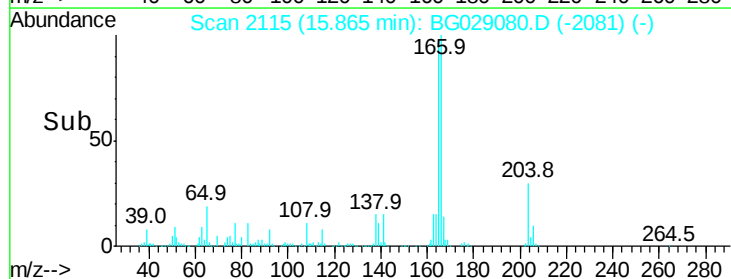
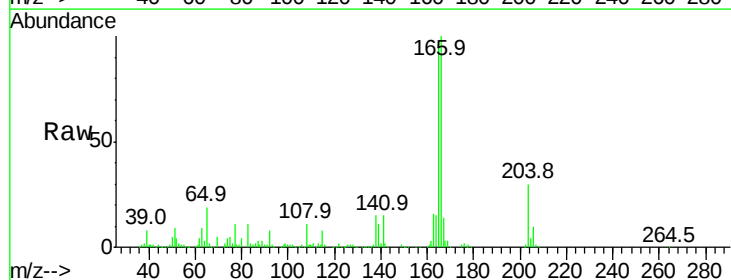
Tgt Ion:166 Resp: 392780

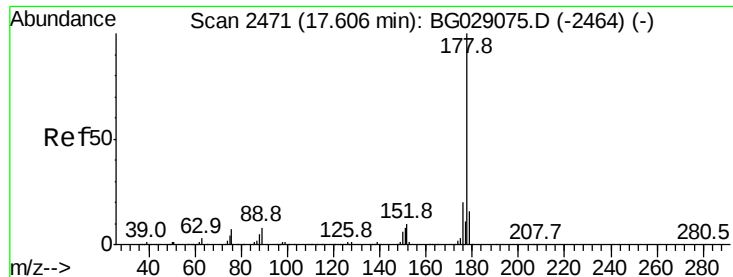
Ion Ratio Lower Upper

166 100

165 96.6 83.8 125.8

167 13.9 11.5 17.3

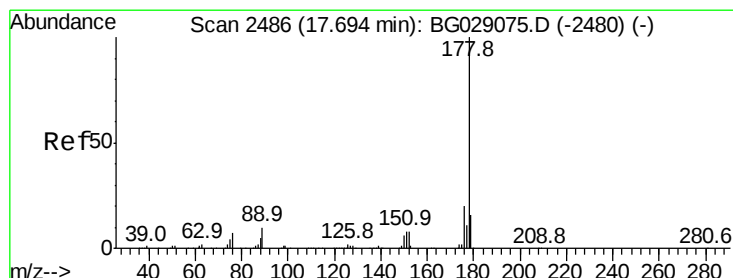
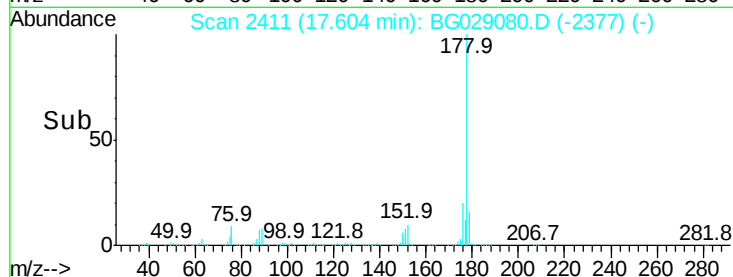
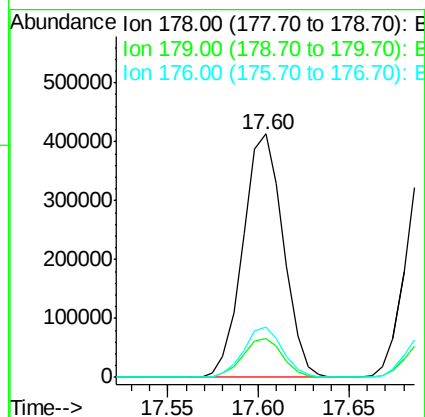
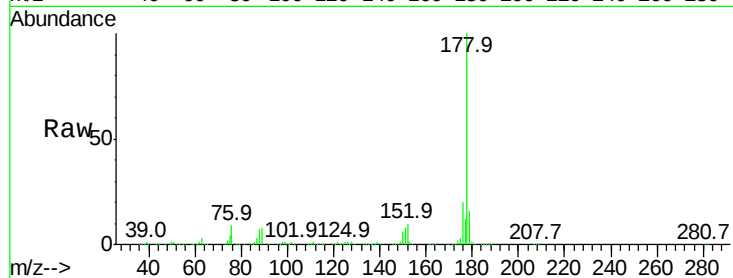




#13
Phenanthrene
Concen: 20.612 ng/ul
RT: 17.60 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BG029080.D
Acq: 8 Oct 2017 12:43

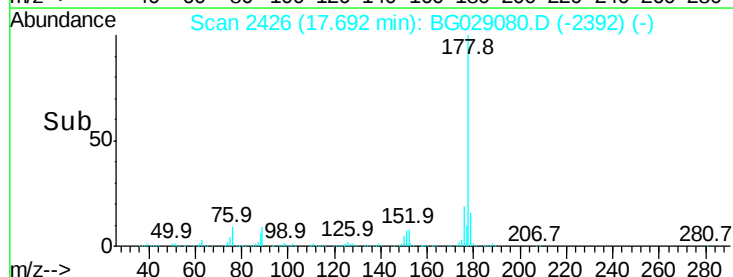
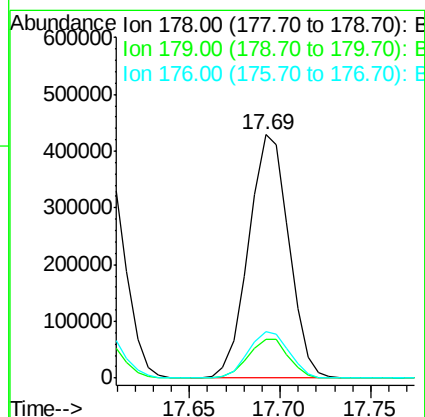
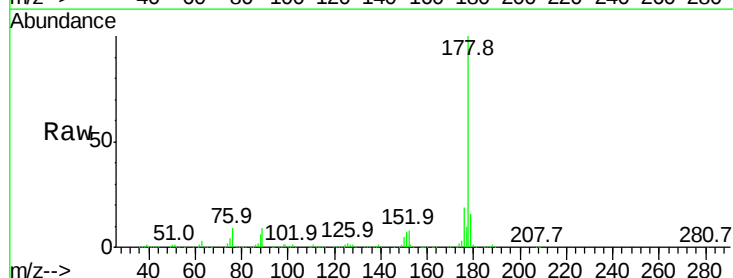
Instrument :
BNA_G
ClientSampleId :

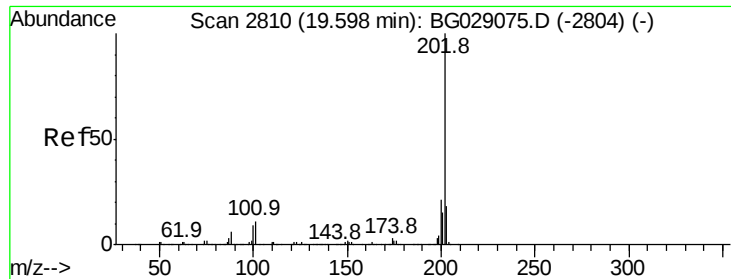
Tot Ion:178 Resp: 635798
Ion Ratio Lower Upper
178 100
179 16.0 12.3 18.5
176 20.4 15.1 22.7



#15
Anthracene
Concen: 20.885 ng/ul
RT: 17.69 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG029080.D
Acq: 8 Oct 2017 12:43

Tgt Ion:178 Resp: 659078
Ion Ratio Lower Upper
178 100
179 16.1 11.8 17.8
176 19.3 15.2 22.8

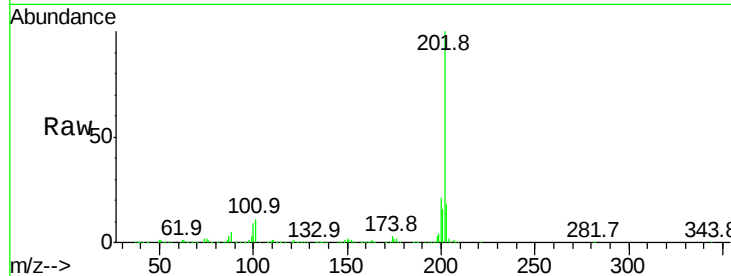




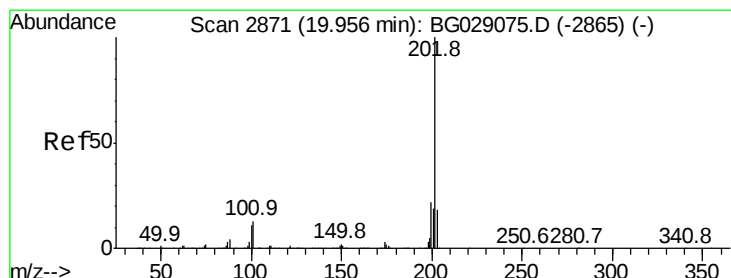
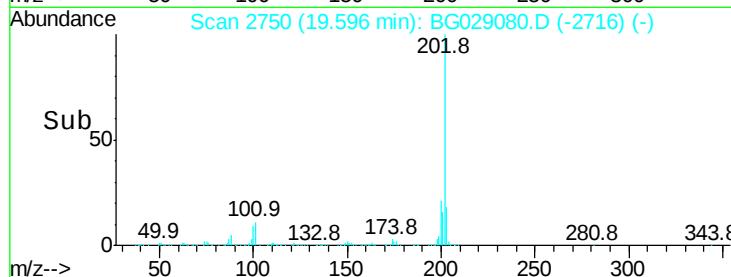
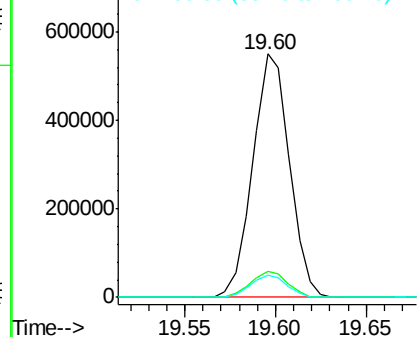
#16
Fluoranthene
Concen: 21.389 ng/ul
RT: 19.60 min Scan# 2750
Delta R.T. -0.00 min
Lab File: BG029080.D
Acq: 8 Oct 2017 12:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.9	14.9
100	9.0	7.4	11.0

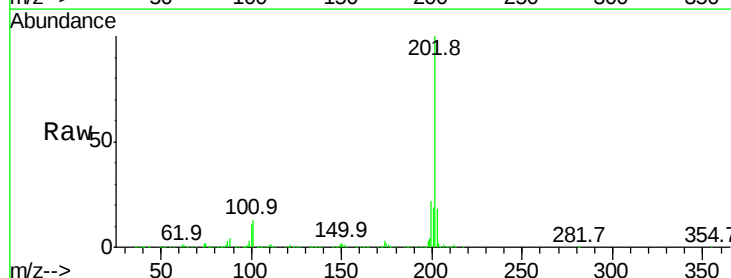


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

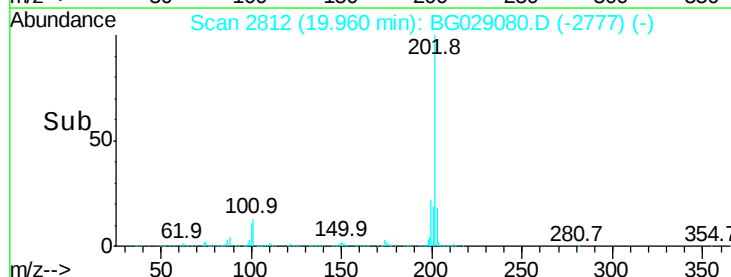
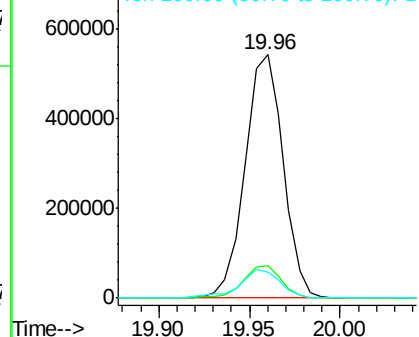


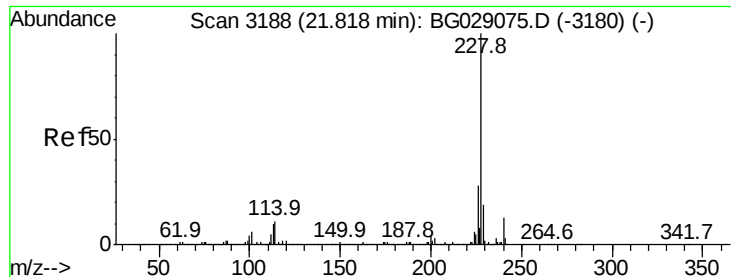
#19
Pyrene
Concen: 21.917 ng/ul
RT: 19.96 min Scan# 2812
Delta R.T. 0.00 min
Lab File: BG029080.D
Acq: 8 Oct 2017 12:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	11.0	16.4
100	10.8	8.1	12.1



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

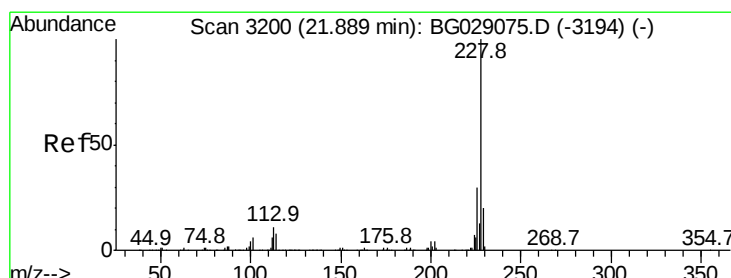
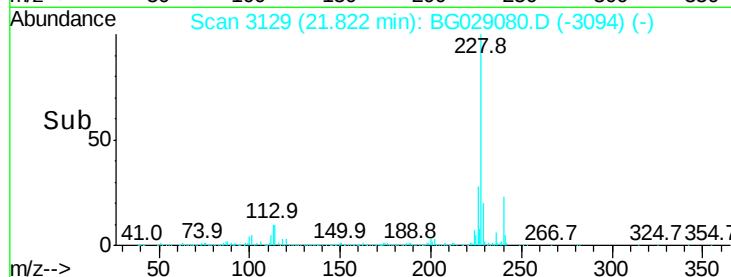
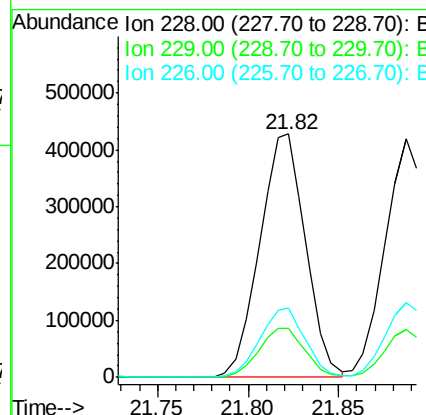
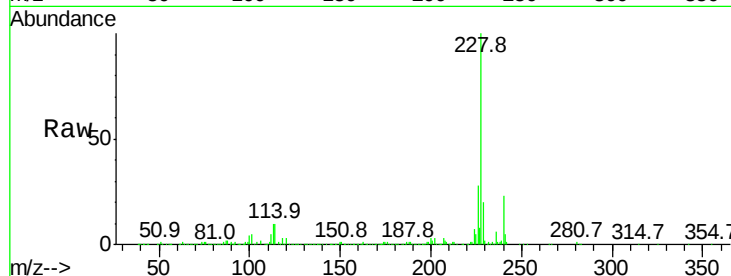




#20
Benzo(a)anthracene
Concen: 22.175 ng/ul
RT: 21.82 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BG029080.D
Acq: 8 Oct 2017 12:43

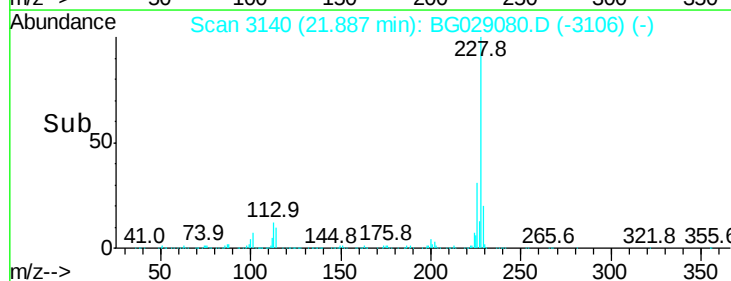
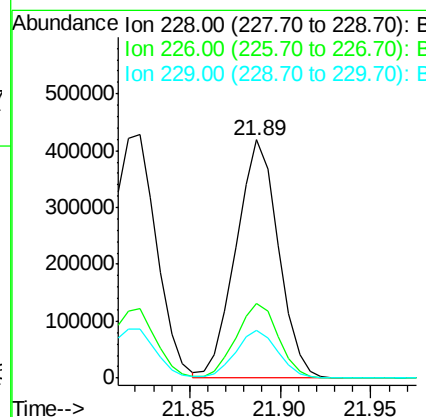
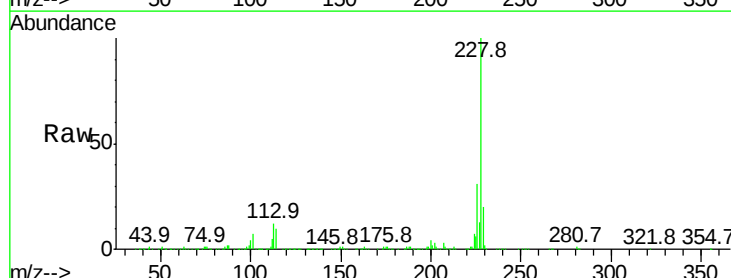
Instrument :
BNA_G
ClientSampleId :

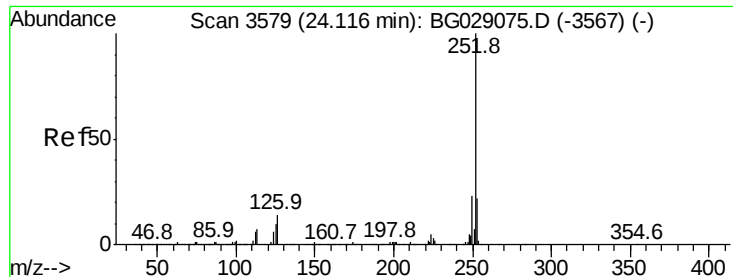
Tot Ion:228 Resp: 754586
Ion Ratio Lower Upper
228 100
229 20.2 15.7 23.5
226 28.5 21.1 31.7



#21
Chrysene
Concen: 21.797 ng/ul
RT: 21.89 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG029080.D
Acq: 8 Oct 2017 12:43

Tgt Ion:228 Resp: 679190
Ion Ratio Lower Upper
228 100
226 31.5 24.5 36.7
229 20.2 15.8 23.8





#23

Benzo(b)fluoranthene

Concen: 20.739 ng/ul

RT: 24.11 min Scan# 3519

Delta R.T. -0.00 min

Lab File: BG029080.D

Acq: 8 Oct 2017 12:43

Instrument :

BNA_G

ClientSampleId :

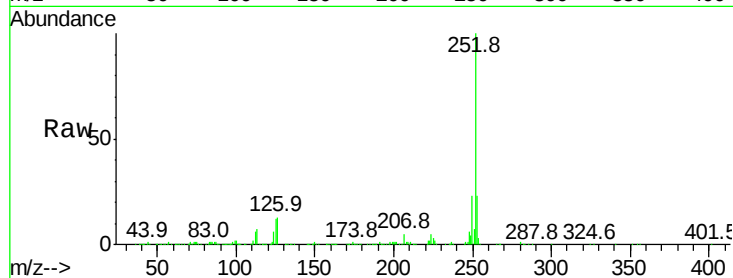
Tot Ion:252 Resp: 725001

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

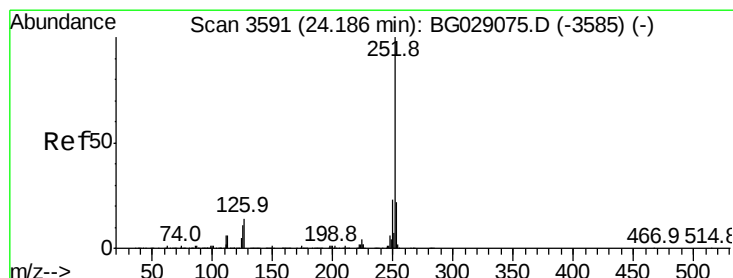
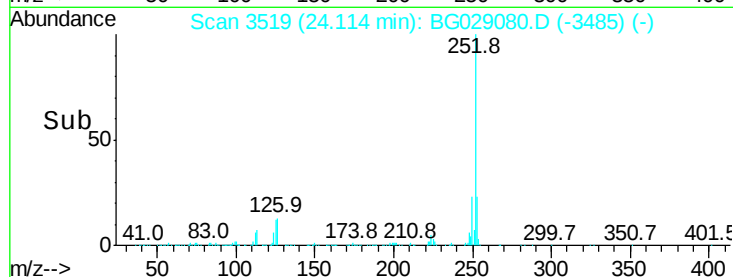
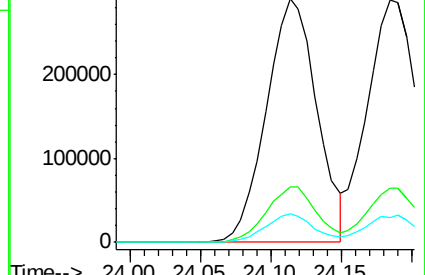
125 11.8 8.0 12.0



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



#24

Benzo(k)fluoranthene

Concen: 20.859 ng/ul

RT: 24.18 min Scan# 3531

Delta R.T. -0.00 min

Lab File: BG029080.D

Acq: 8 Oct 2017 12:43

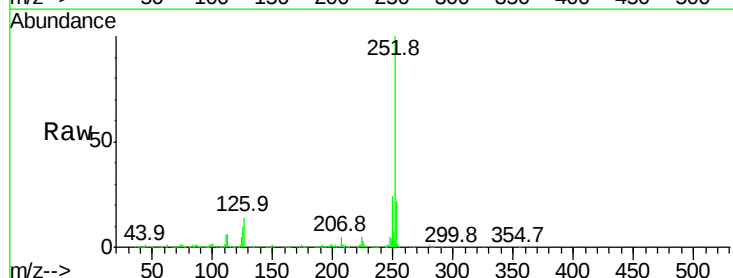
Tgt Ion:252 Resp: 711697

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

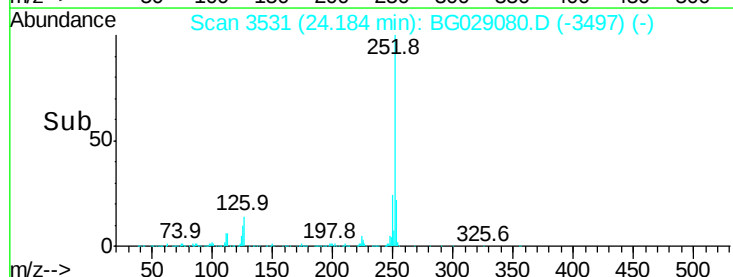
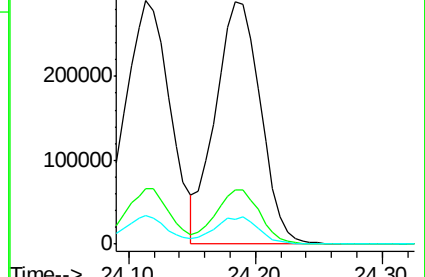
125 10.4 8.1 12.1

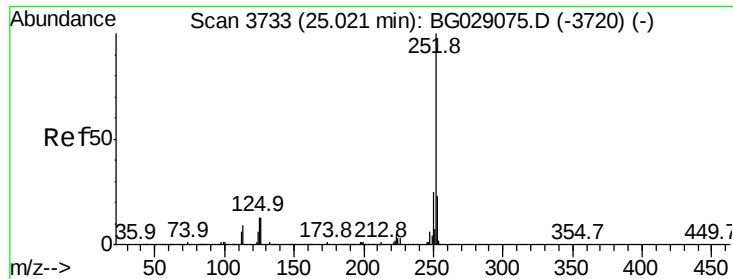


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 20.876 ng/ul

RT: 25.02 min Scan# 3674

Delta R.T. 0.00 min

Lab File: BG029080.D

Acq: 8 Oct 2017 12:43

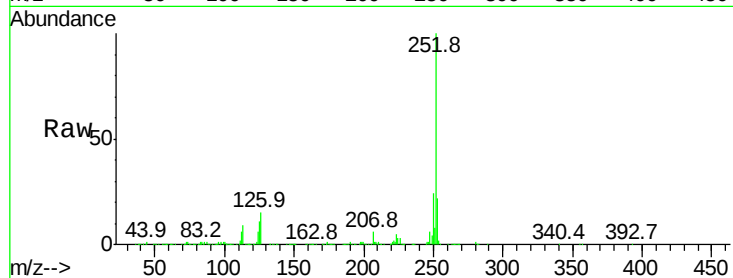
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 708860

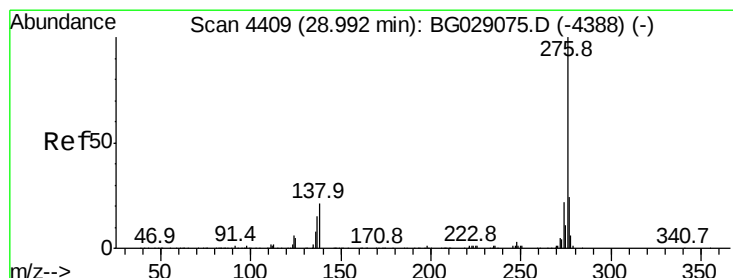
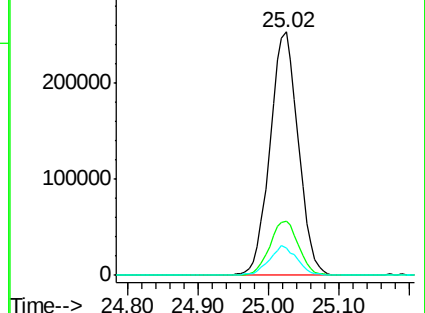
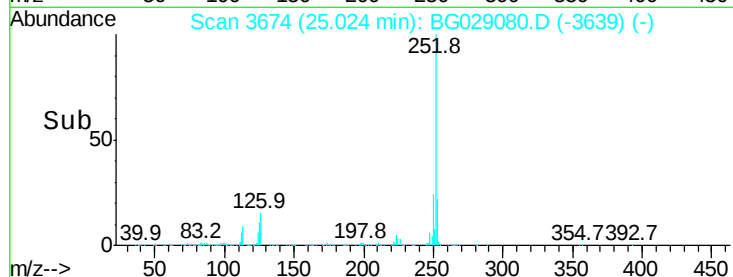
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	11.0	8.2	12.4



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



#27

Indeno(1,2,3-cd)pyrene

Concen: 20.615 ng/ul

RT: 29.00 min Scan# 4350

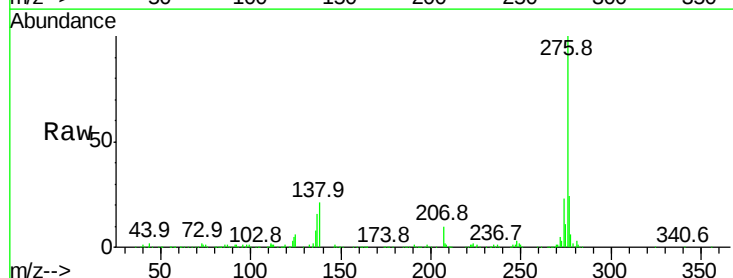
Delta R.T. 0.00 min

Lab File: BG029080.D

Acq: 8 Oct 2017 12:43

Tgt Ion:276 Resp: 794473

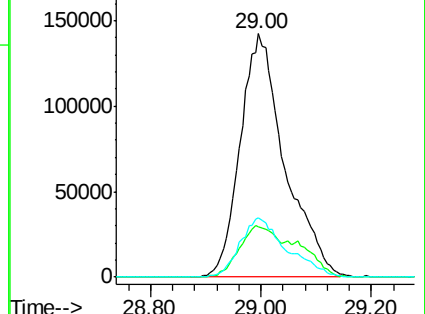
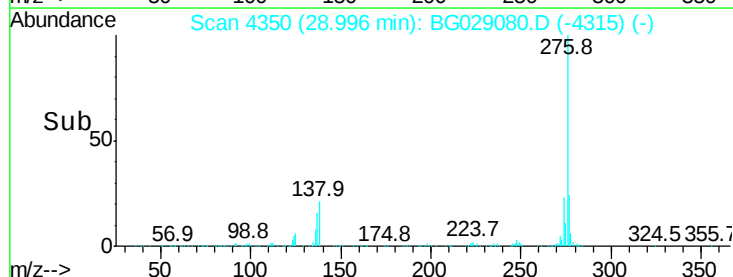
Ion	Ratio	Lower	Upper
276	100		
138	20.9	14.4	21.6
277	24.5	18.0	27.0

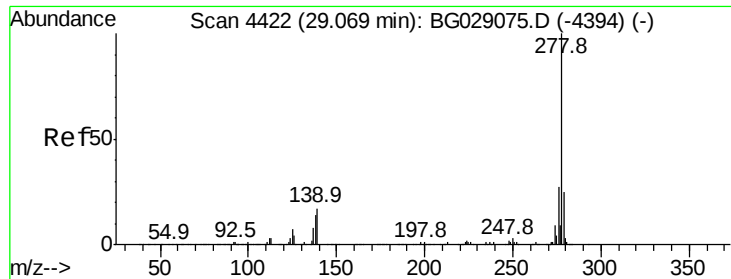


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

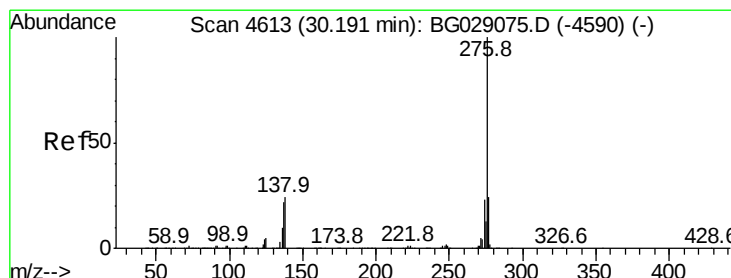
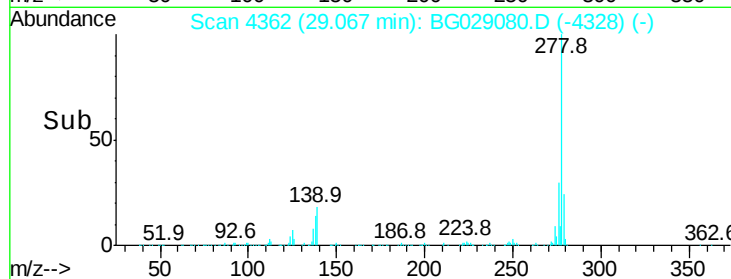
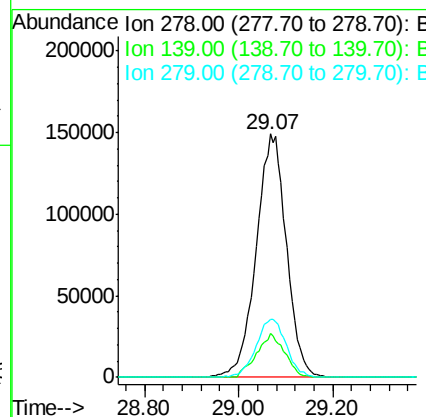
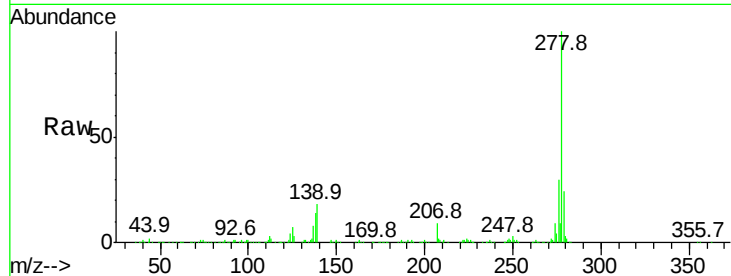




#28
Dibenzo(a,h)anthracene
Concen: 20.913 ng/ul
RT: 29.07 min Scan# 4362
Delta R.T. -0.00 min
Lab File: BG029080.D
Acq: 8 Oct 2017 12:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.9	12.2	18.4
279	24.1	19.2	28.8



#29
Benzo(g,h,i)perylene
Concen: 20.738 ng/ul
RT: 30.19 min Scan# 4554
Delta R.T. 0.00 min
Lab File: BG029080.D
Acq: 8 Oct 2017 12:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.3	15.3	22.9#
277	23.5	19.0	28.4

