

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
 Data File : BG016751.D
 Acq On : 28 Apr 2015 4:00
 Operator : TP/IZ
 Sample : G1992-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEC02

Quant Time: Apr 28 05:42:58 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 01:49:03 2015
 Response via : Initial Calibration

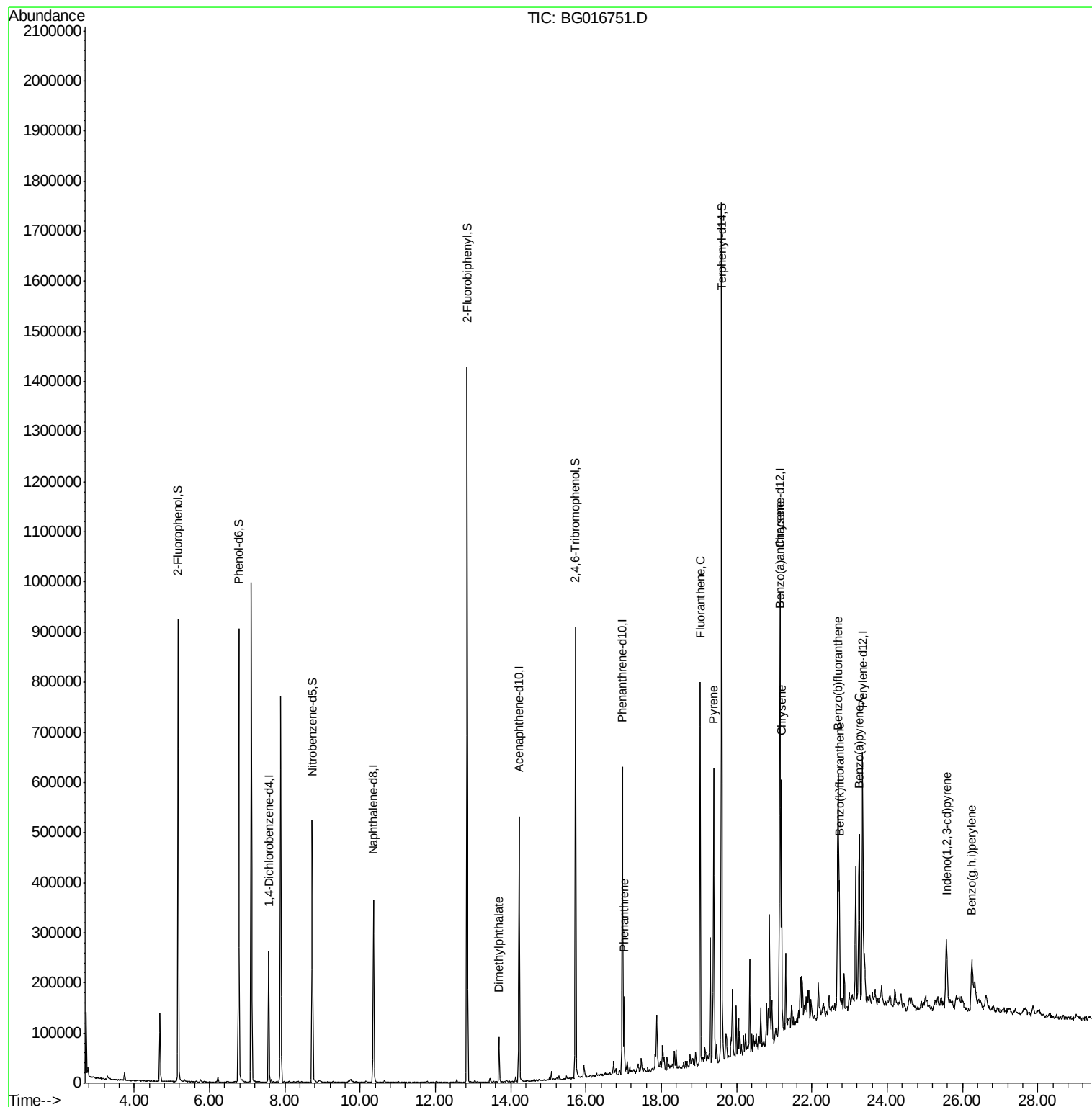
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	72933	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	316617	20.00	ng	0.00
38) Acenaphthene-d10	14.22	164	177985	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	332100	20.00	ng	0.00
75) Chrysene-d12	21.16	240	301830	20.00	ng	0.00
86) Perylene-d12	23.35	264	293478	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	464349	103.32	ng	0.00
7) Phenol-d6	6.78	99	635130	100.73	ng	0.00
23) Nitrobenzene-d5	8.73	82	316045	63.07	ng	0.00
41) 2,4,6-Tribromophenol	15.72	330	135502	102.62	ng	0.00
44) 2-Fluorobiphenyl	12.84	172	692958	62.55	ng	0.00
78) Terphenyl-d14	19.60	244	668827	51.04	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	13.69	163	60347	4.53	ng	98
70) Phenanthrene	17.01	178	89318	4.68	ng	99
74) Fluoranthene	19.03	202	401210	19.85	ng	97
77) Pyrene	19.40	202	346416	16.34	ng	99
80) Benzo(a)anthracene	21.14	228	215358	11.77	ng	99
82) Chrysene	21.20	228	264104	15.05	ng	98
85) Indeno(1,2,3-cd)pyrene	25.58	276	129456	6.77	ng	# 85
87) Benzo(b)fluoranthene	22.69	252	343722	19.28	ng	97
88) Benzo(k)fluoranthene	22.74	252	114674m	6.59	ng	
89) Benzo(a)pyrene	23.26	252	210690	12.54	ng	96
91) Benzo(g,h,i)perylene	26.26	276	128965	7.76	ng	96

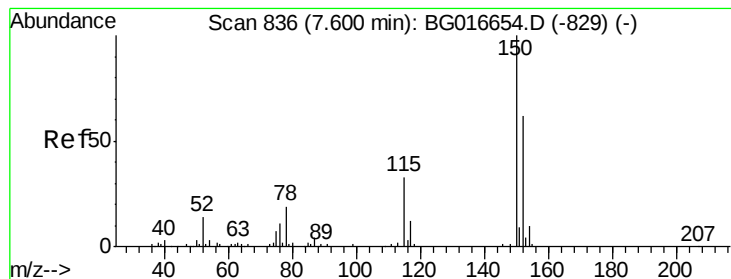
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016751.D
Acq On : 28 Apr 2015 4:00
Operator : TP/IZ
Sample : G1992-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TEC02

Quant Time: Apr 28 05:42:58 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 28 01:49:03 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.57 min Scan# 831

Delta R.T. 0.00 min

Lab File: BG016751.D

Acq: 28 Apr 2015 4:00

Instrument :

BNA_G

ClientSampleId :

TEC02

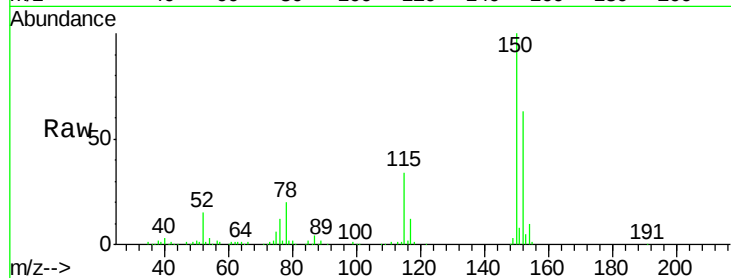
Tot Ion:152 Resp: 72933

Ion Ratio Lower Upper

152 100

150 157.7 129.6 194.4

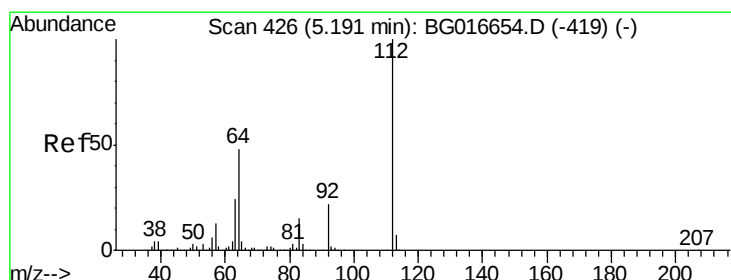
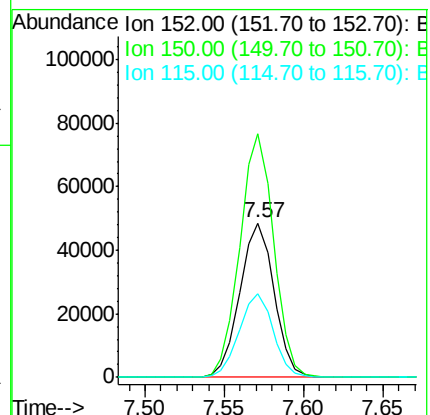
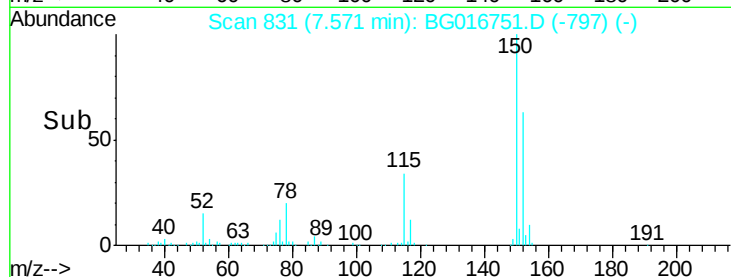
115 53.9 43.0 64.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 103.32 ng

RT: 5.17 min Scan# 422

Delta R.T. 0.01 min

Lab File: BG016751.D

Acq: 28 Apr 2015 4:00

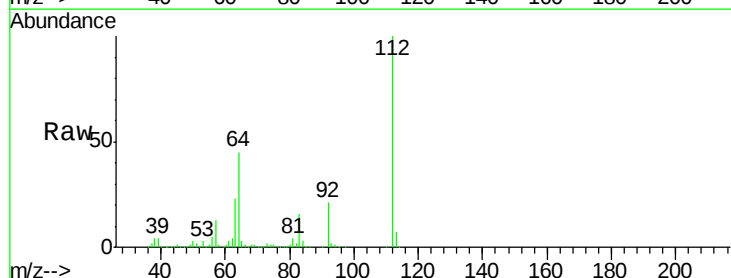
Tgt Ion:112 Resp: 464349

Ion Ratio Lower Upper

112 100

64 45.0 38.3 57.5

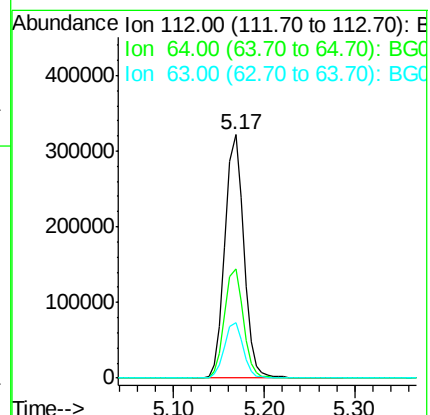
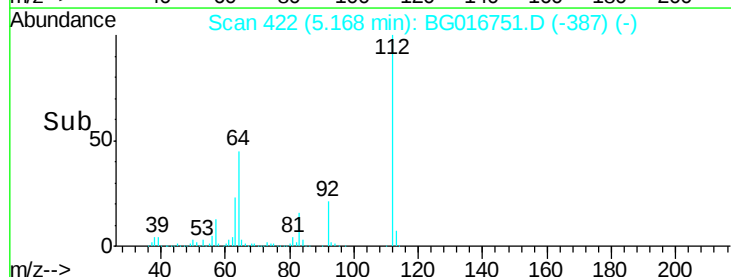
63 22.6 18.9 28.3

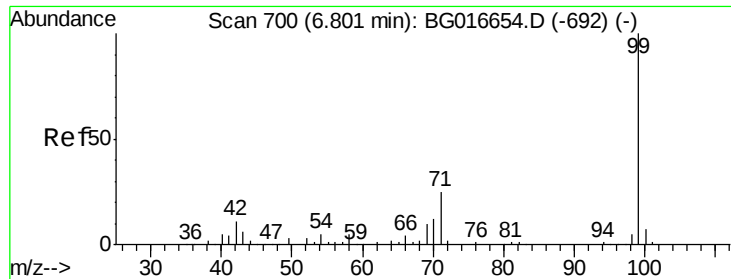


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 100.73 ng

RT: 6.78 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG016751.D

Acq: 28 Apr 2015 4:00

Instrument :

BNA_G

ClientSampleId :

TEC02

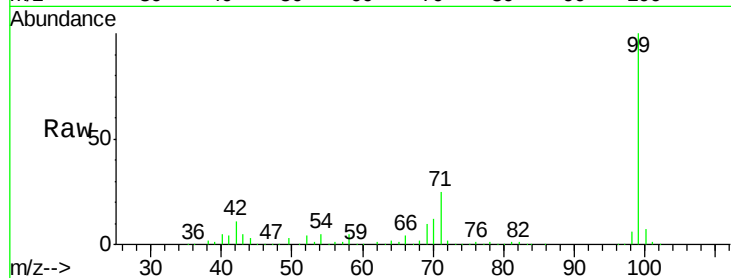
Tot Ion: 99 Resp: 635130

Ion Ratio Lower Upper

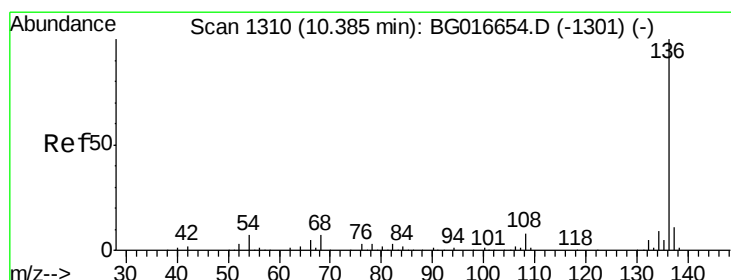
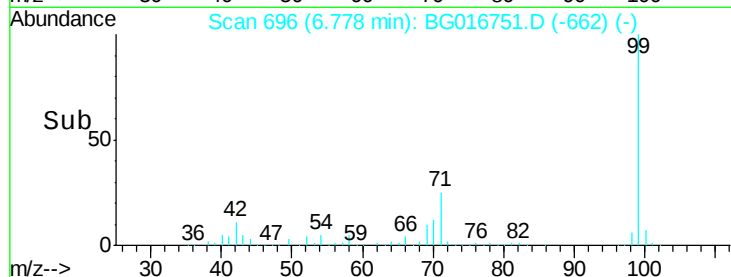
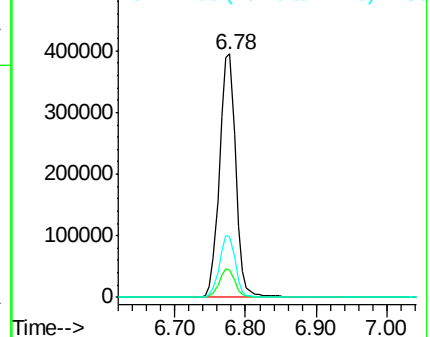
99 100

42 11.1 8.8 13.2

71 25.0 19.9 29.9



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.36 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BG016751.D

Acq: 28 Apr 2015 4:00

Tgt Ion: 136 Resp: 316617

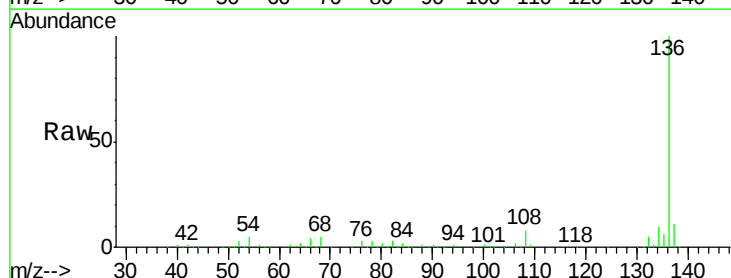
Ion Ratio Lower Upper

136 100

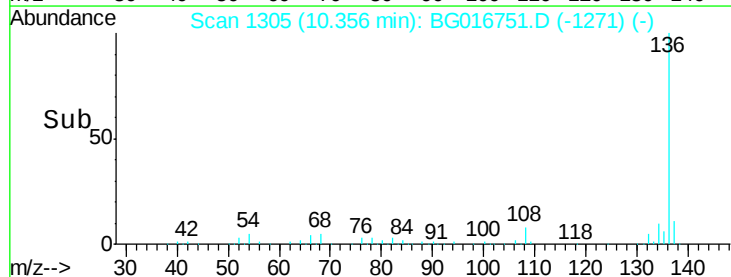
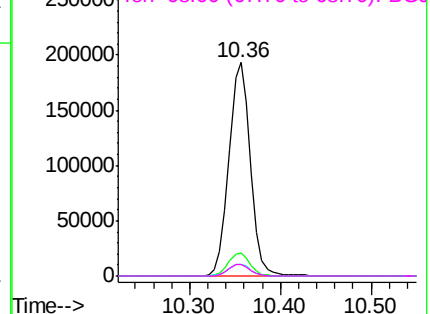
137 11.0 8.5 12.7

54 5.3 5.4 8.2#

68 5.5 5.2 7.8



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

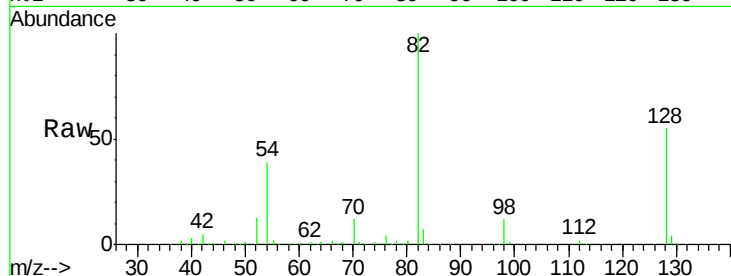




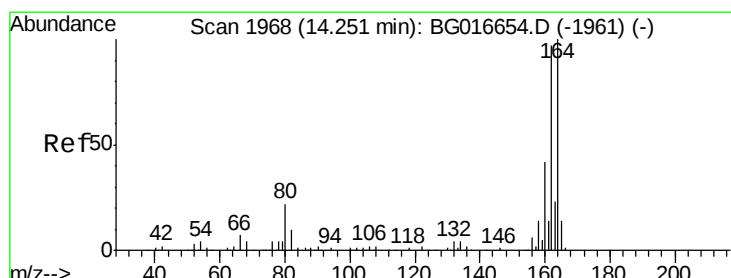
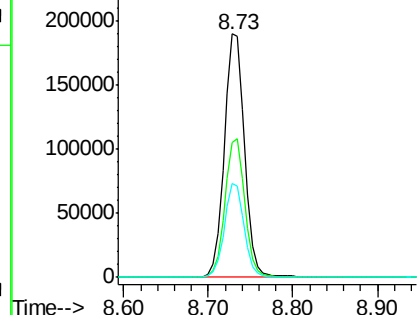
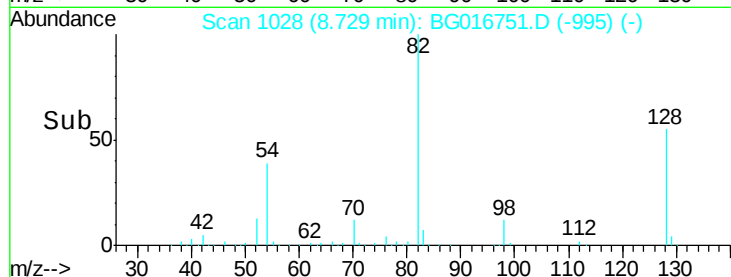
#23
Nitrobenzene-d5
Concen: 63.07 ng
RT: 8.73 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG016751.D
Acq: 28 Apr 2015 4:00

Instrument :
BNA_G
ClientSampleId :
TEC02

Tot Ion: 82 Resp: 316045
Ion Ratio Lower Upper
82 100
128 55.2 44.7 67.1
54 38.5 30.9 46.3

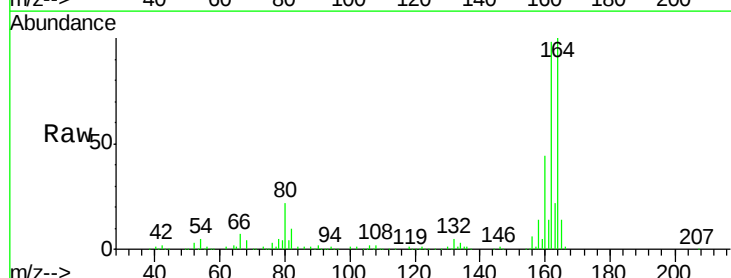


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

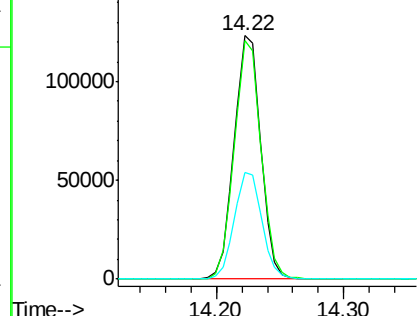
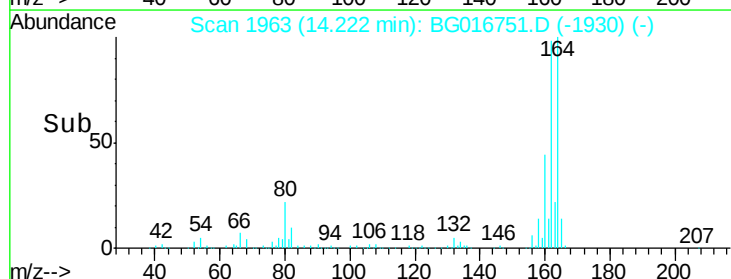


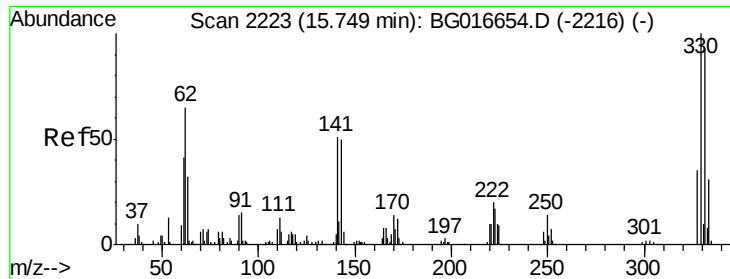
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.22 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG016751.D
Acq: 28 Apr 2015 4:00

Tgt Ion:164 Resp: 177985
Ion Ratio Lower Upper
164 100
162 97.9 77.3 115.9
160 43.8 33.7 50.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

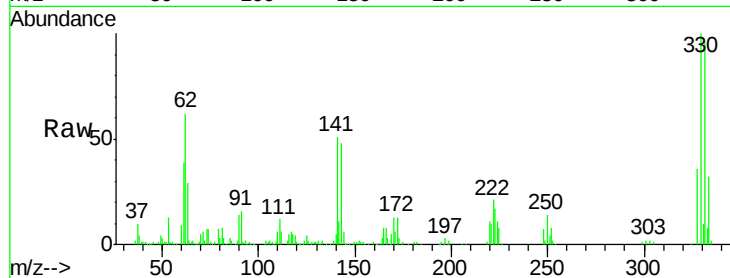




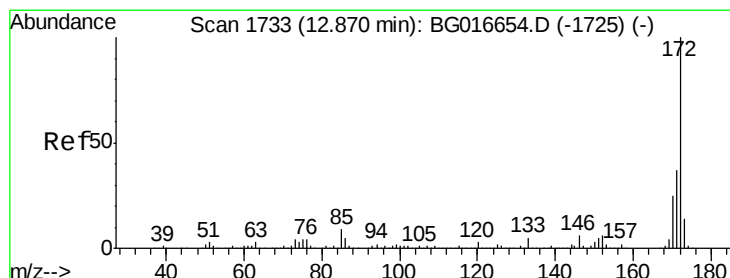
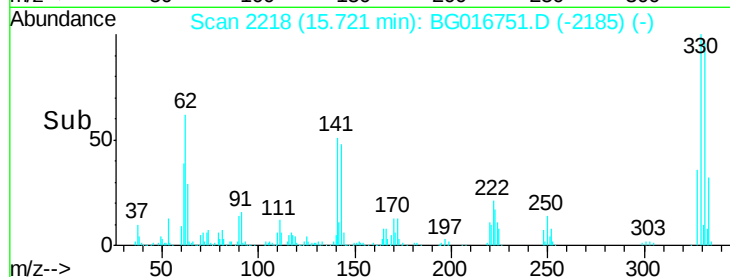
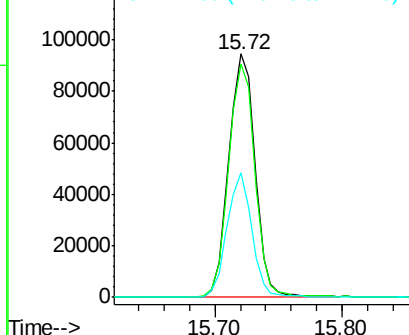
#41
 2,4,6-Tribromophenol
 Concen: 102.62 ng
 RT: 15.72 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: BG016751.D
 Acq: 28 Apr 2015 4:00

Instrument :
 BNA_G
 ClientSampleId :
 TEC02

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.2	114.4
141	48.9	43.0	64.6

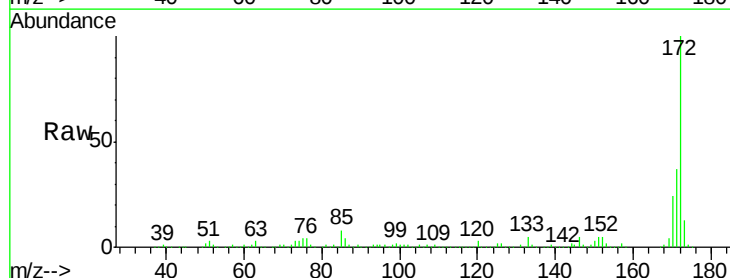


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

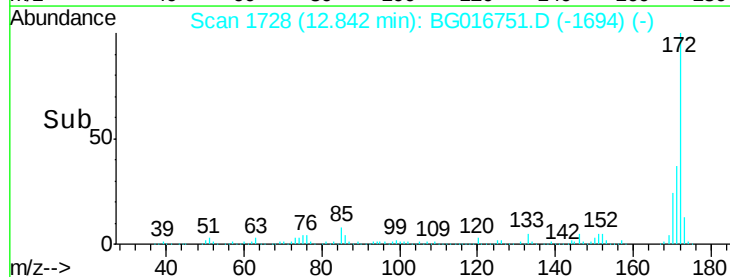
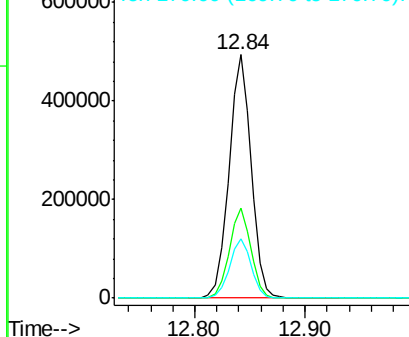


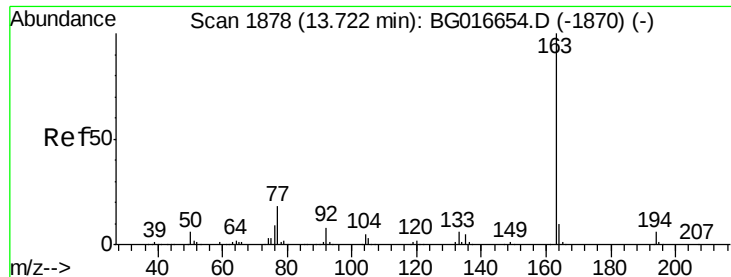
#44
 2-Fluorobiphenyl
 Concen: 62.55 ng
 RT: 12.84 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BG016751.D
 Acq: 28 Apr 2015 4:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.9	44.9
170	24.3	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 4.53 ng

RT: 13.69 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BG016751.D

Acq: 28 Apr 2015 4:00

Instrument :

BNA_G

ClientSampleId :

TEC02

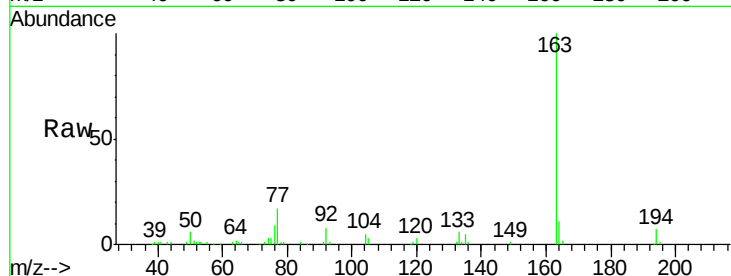
Tot Ion:163 Resp: 60347

Ion Ratio Lower Upper

163 100

194 6.7 5.0 7.4

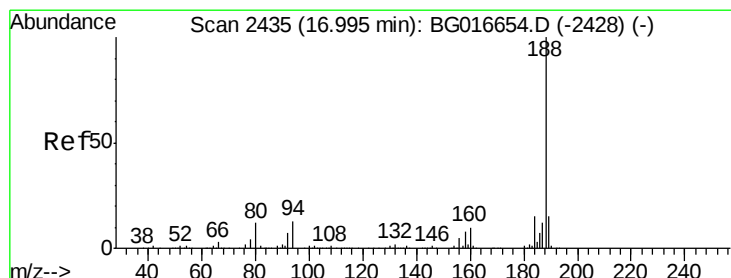
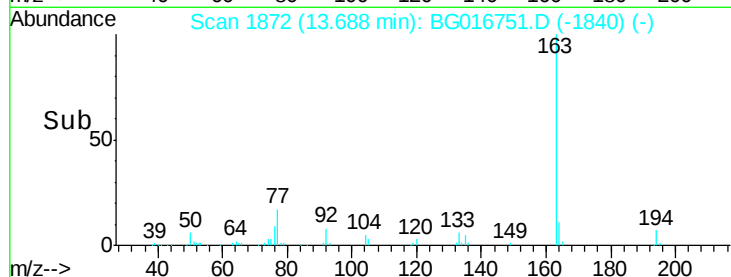
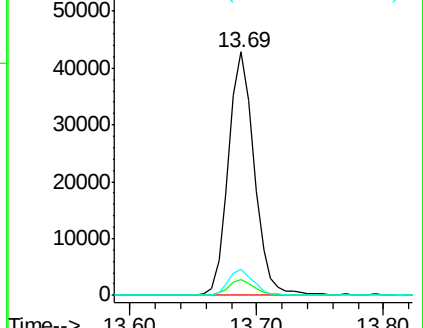
164 10.7 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.97 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG016751.D

Acq: 28 Apr 2015 4:00

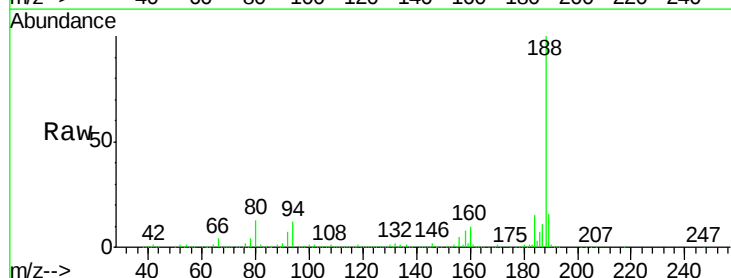
Tgt Ion:188 Resp: 332100

Ion Ratio Lower Upper

188 100

94 12.1 10.7 16.1

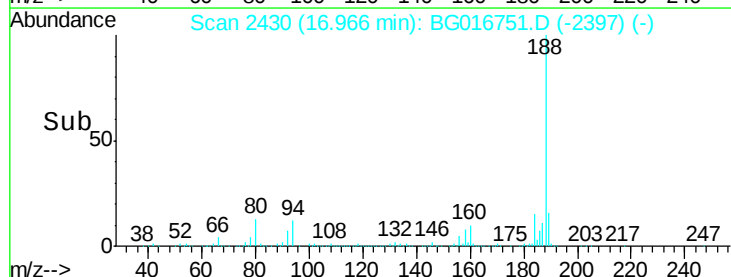
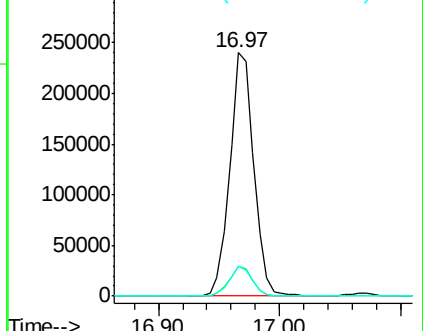
80 12.5 9.9 14.9

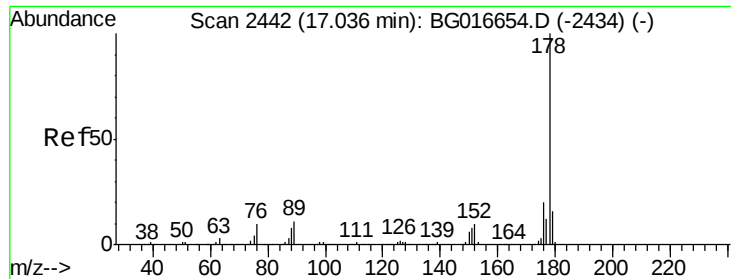


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#70

Phenanthrene

Concen: 4.68 ng

RT: 17.01 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG016751.D

Acq: 28 Apr 2015 4:00

Instrument :

BNA_G

ClientSampleId :

TEC02

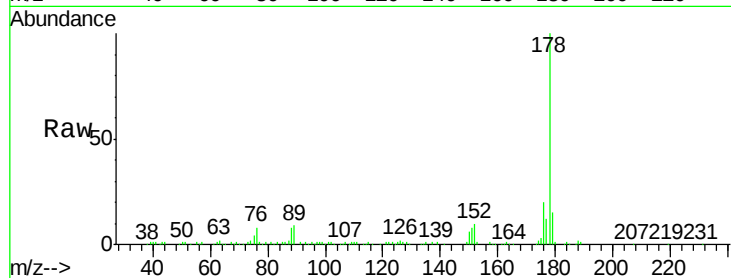
Tot Ion:178 Resp: 89318

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.6

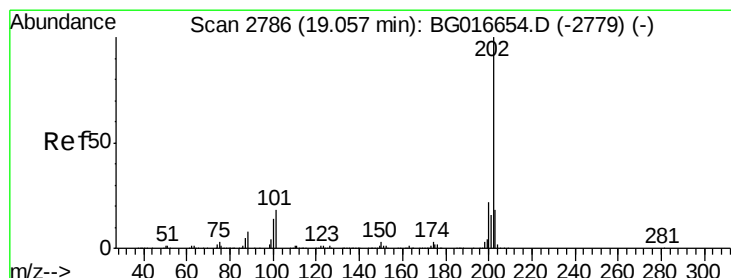
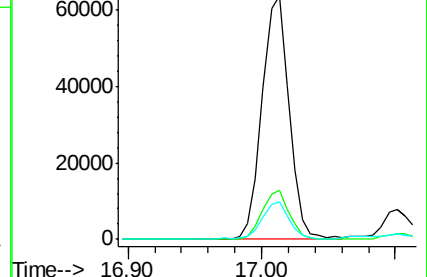
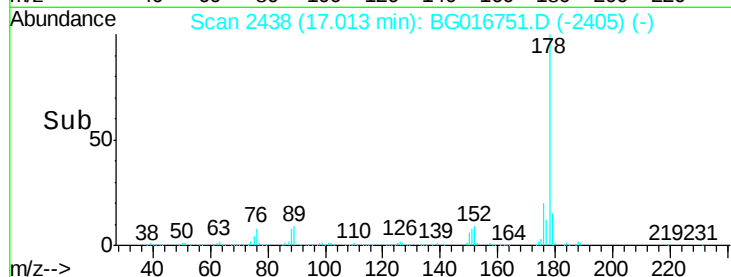
179 15.4 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 19.85 ng

RT: 19.03 min Scan# 2782

Delta R.T. 0.00 min

Lab File: BG016751.D

Acq: 28 Apr 2015 4:00

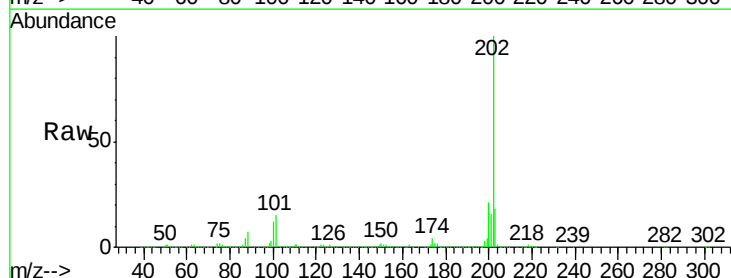
Tgt Ion:202 Resp: 401210

Ion Ratio Lower Upper

202 100

101 15.3 0.0 38.1

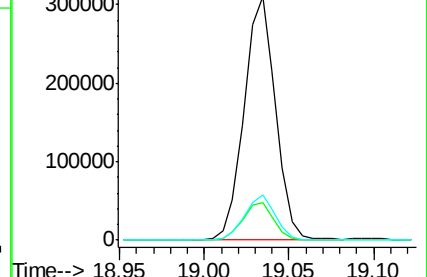
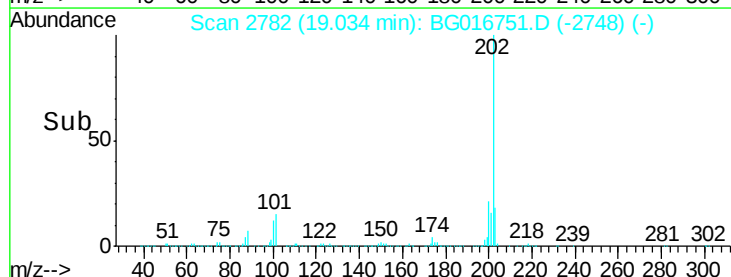
203 18.4 0.0 38.4

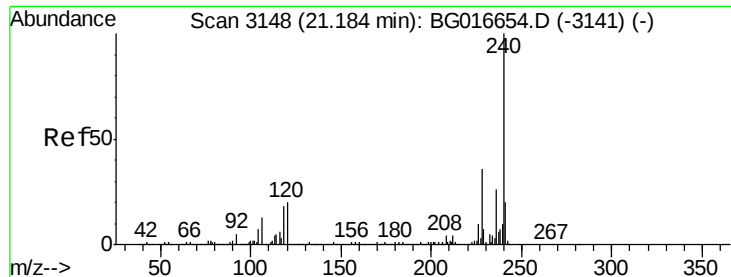


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG016751.D

Acq: 28 Apr 2015 4:00

Instrument :

BNA_G

ClientSampleId :

TEC02

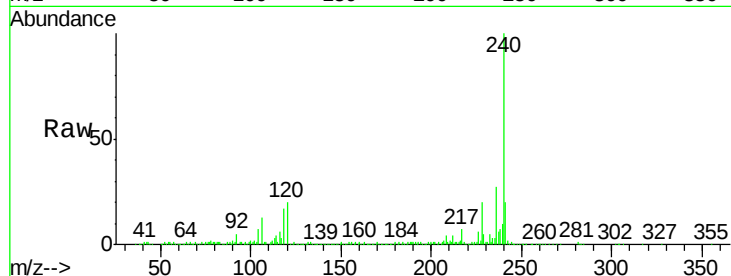
Tot Ion:240 Resp: 301830

Ion Ratio Lower Upper

240 100

120 20.5 16.3 24.5

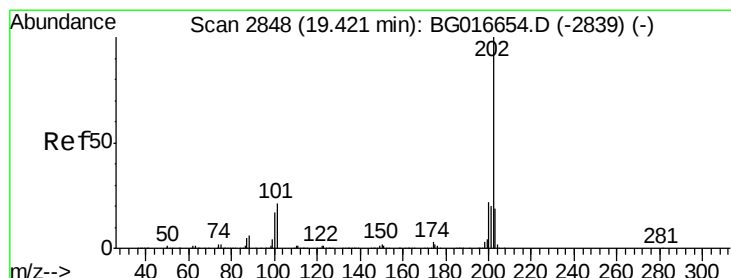
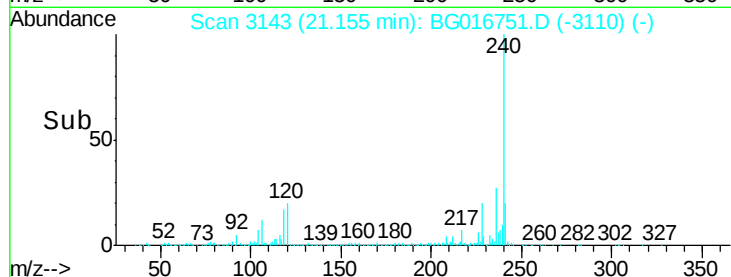
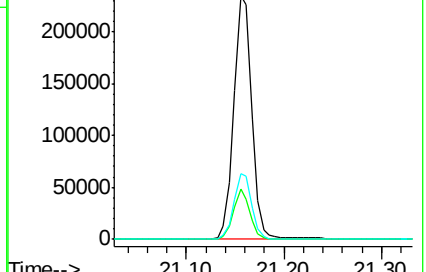
236 26.9 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 16.34 ng

RT: 19.40 min Scan# 2844

Delta R.T. 0.00 min

Lab File: BG016751.D

Acq: 28 Apr 2015 4:00

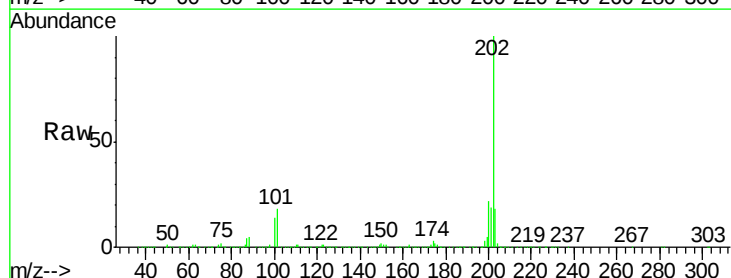
Tgt Ion:202 Resp: 346416

Ion Ratio Lower Upper

202 100

200 21.8 18.0 27.0

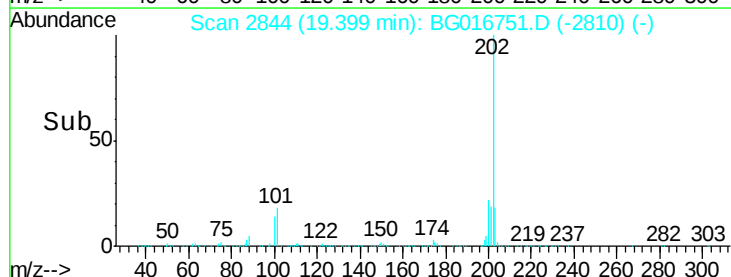
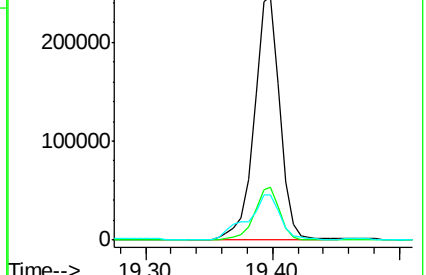
203 18.4 14.9 22.3

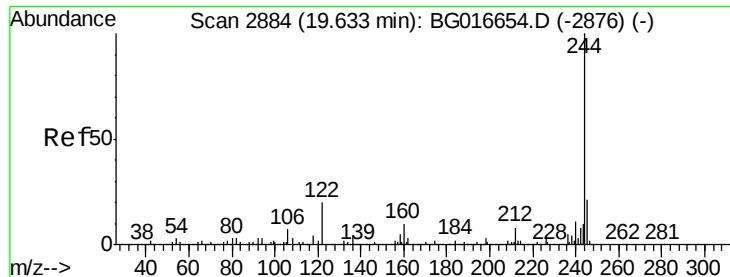


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 51.04 ng

RT: 19.60 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG016751.D

Acq: 28 Apr 2015 4:00

Instrument :

BNA_G

ClientSampleId :

TEC02

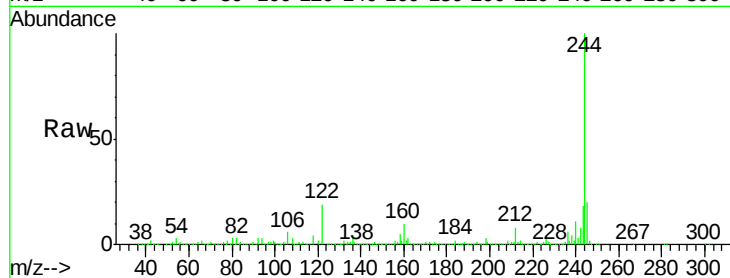
Tot Ion:244 Resp: 668827

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

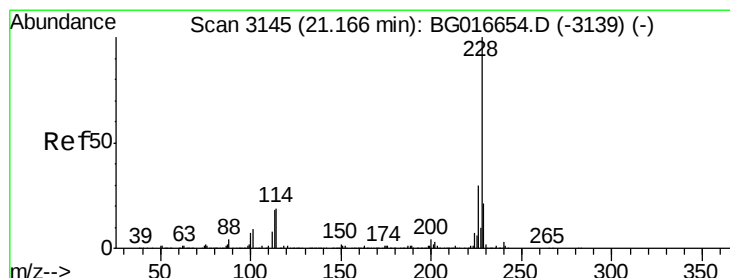
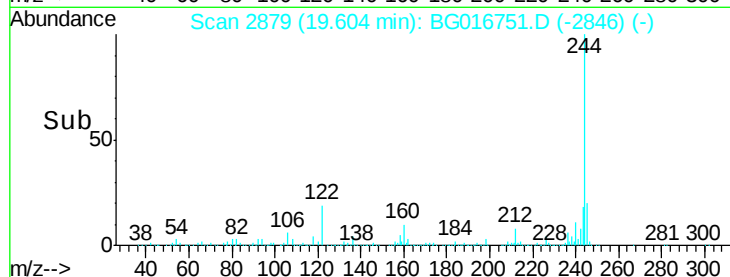
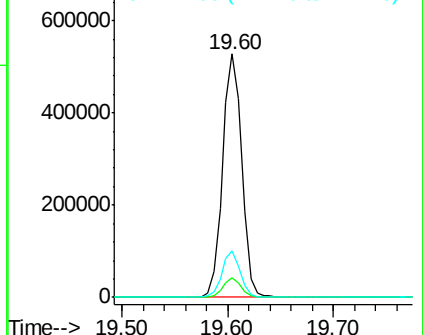
122 19.0 15.9 23.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 11.77 ng

RT: 21.14 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG016751.D

Acq: 28 Apr 2015 4:00

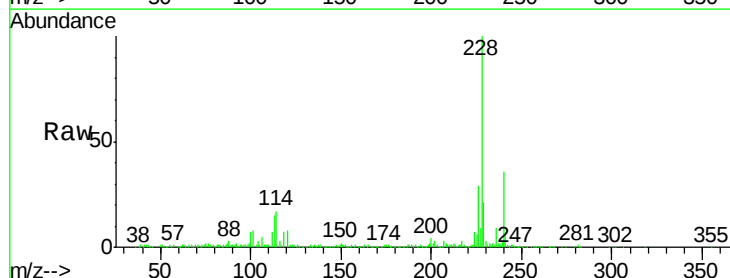
Tgt Ion:228 Resp: 215358

Ion Ratio Lower Upper

228 100

226 28.7 23.8 35.6

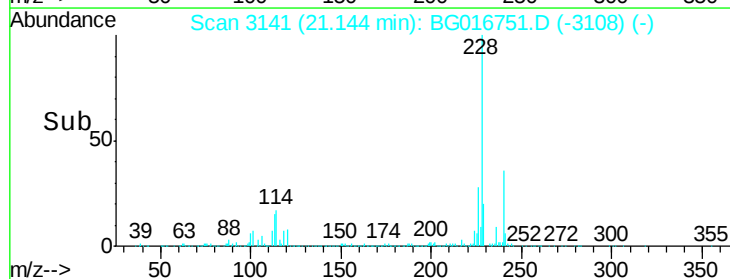
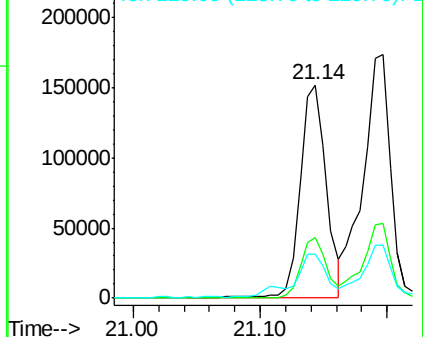
229 20.8 17.0 25.4

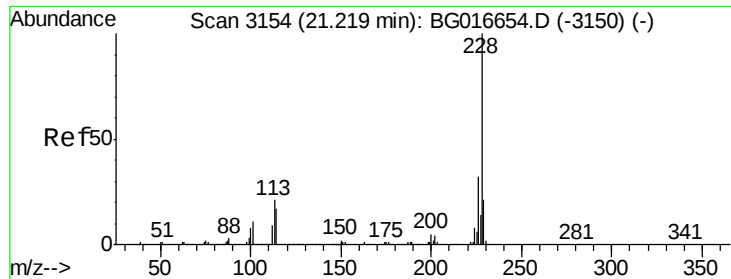


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 15.05 ng

RT: 21.20 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG016751.D

Acq: 28 Apr 2015 4:00

Instrument :

BNA_G

ClientSampleId :

TEC02

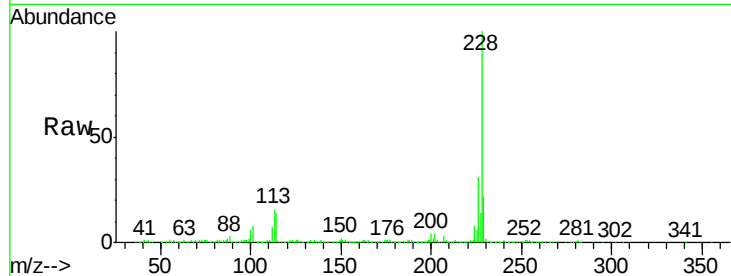
Tot Ion:228 Resp: 264104

Ion Ratio Lower Upper

228 100

226 30.7 25.4 38.0

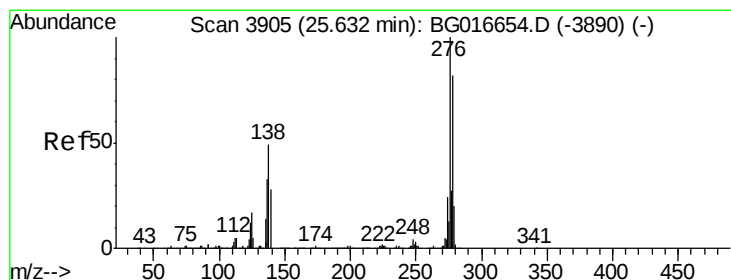
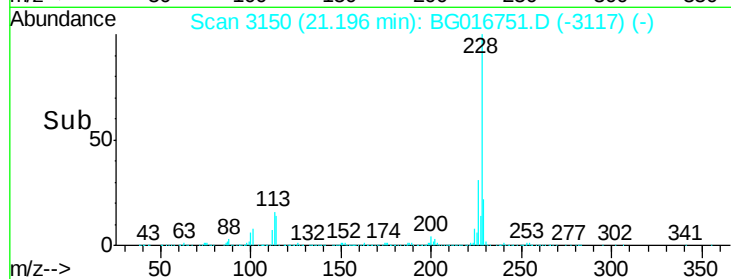
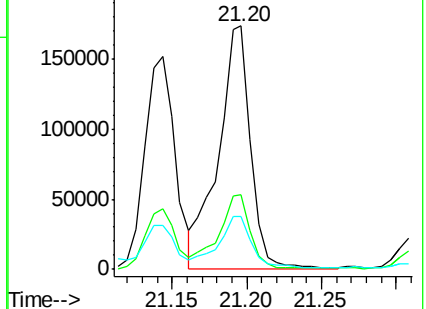
229 22.0 16.5 24.7



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

Indeno(1,2,3-cd)pyrene

Concen: 6.77 ng

RT: 25.58 min Scan# 3896

Delta R.T. -0.00 min

Lab File: BG016751.D

Acq: 28 Apr 2015 4:00

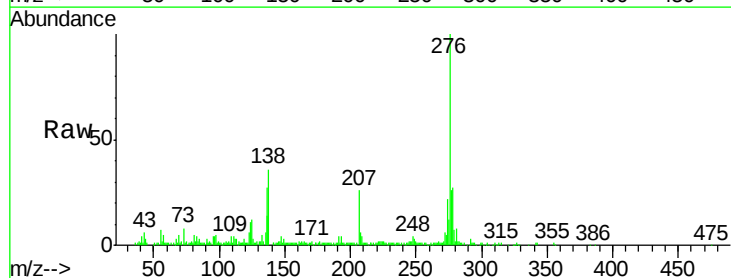
Tgt Ion:276 Resp: 129456

Ion Ratio Lower Upper

276 100

138 35.7 38.2 57.2#

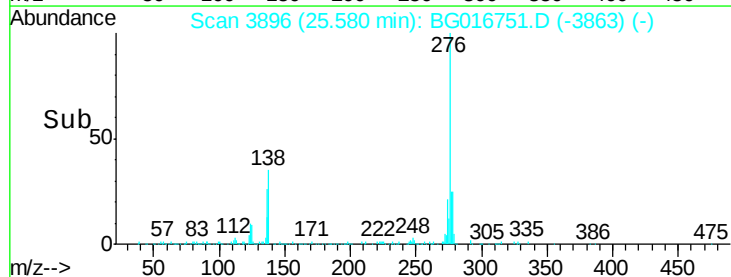
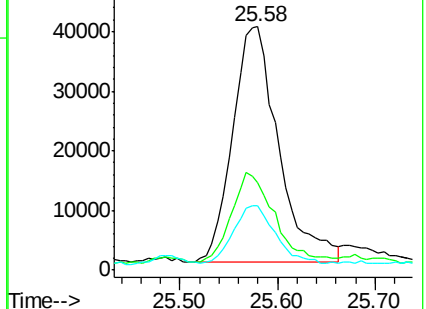
277 22.2 21.4 32.2

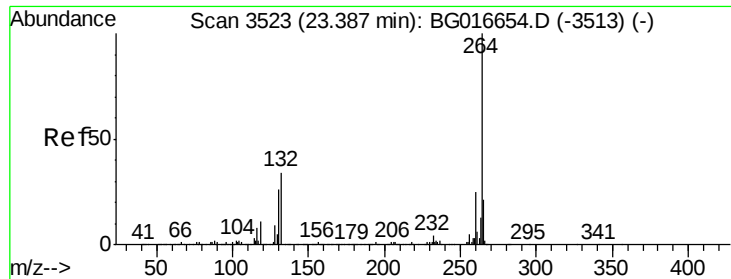


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

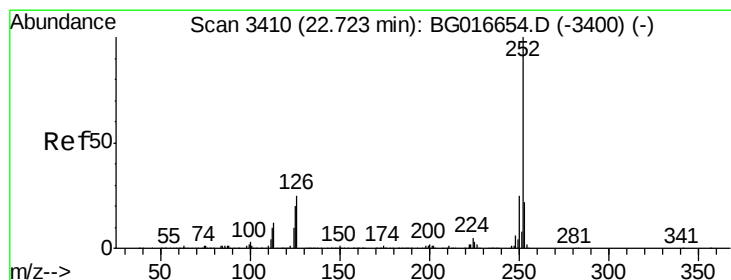
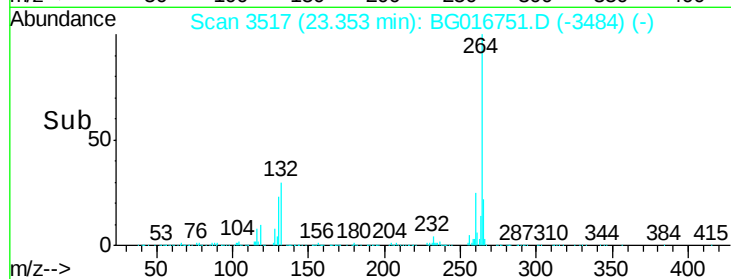
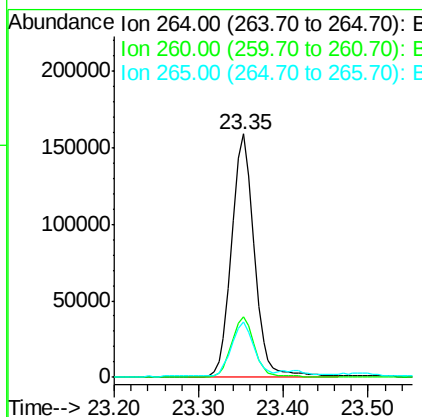
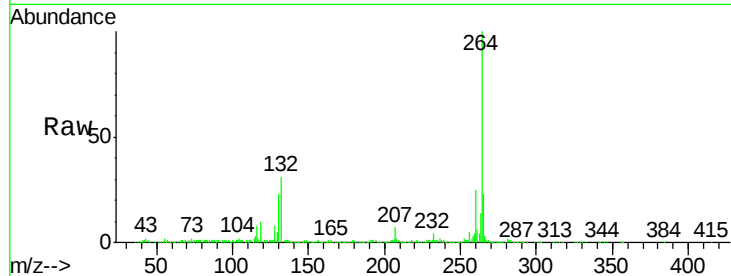




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 3517
Delta R.T. -0.00 min
Lab File: BG016751.D
Acq: 28 Apr 2015 4:00

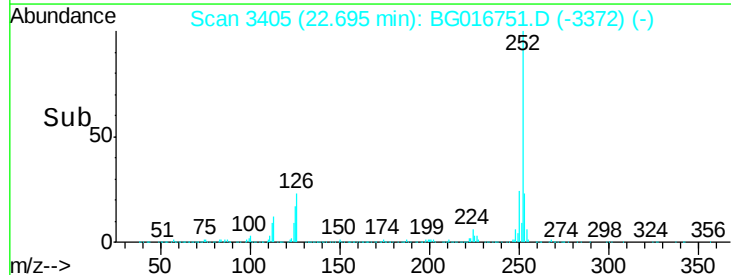
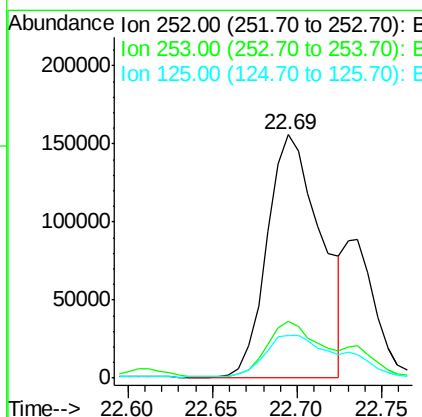
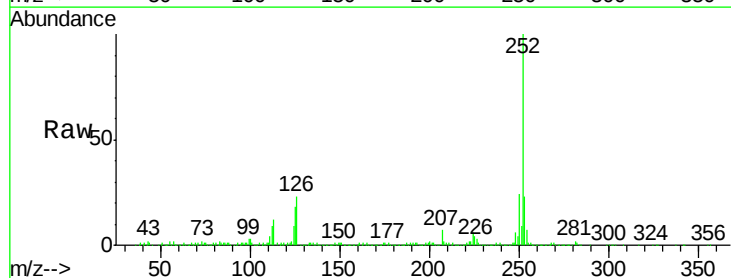
Instrument :
BNA_G
ClientSampleId :
TEC02

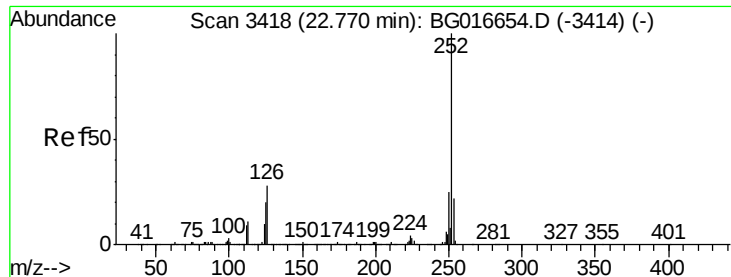
Tot Ion:264 Resp: 293478
Ion Ratio Lower Upper
264 100
260 24.8 20.0 30.0
265 22.6 16.8 25.2



#87
Benzo(b)fluoranthene
Concen: 19.28 ng
RT: 22.69 min Scan# 3405
Delta R.T. -0.00 min
Lab File: BG016751.D
Acq: 28 Apr 2015 4:00

Tgt Ion:252 Resp: 343722
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 17.7 15.8 23.8





#88

Benzo(k)fluoranthene

Concen: 6.59 ng/mL

RT: 22.74 min Scan# 3412

Delta R.T. -0.00 min

Lab File: BG016751.D

Acq: 28 Apr 2015 4:00

Instrument :

BNA_G

ClientSampleId :

TEC02

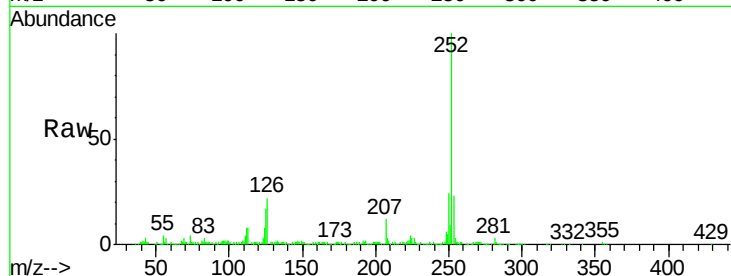
Tot Ion:252 Resp: 114674

Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

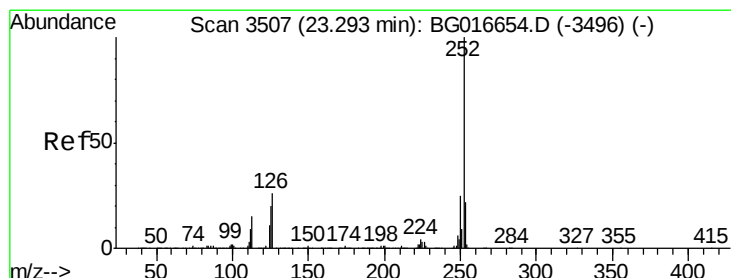
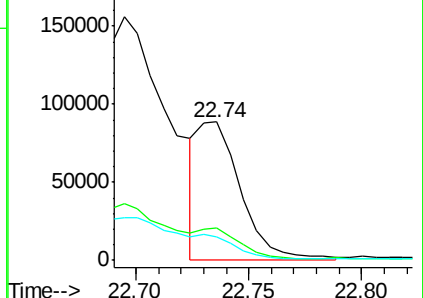
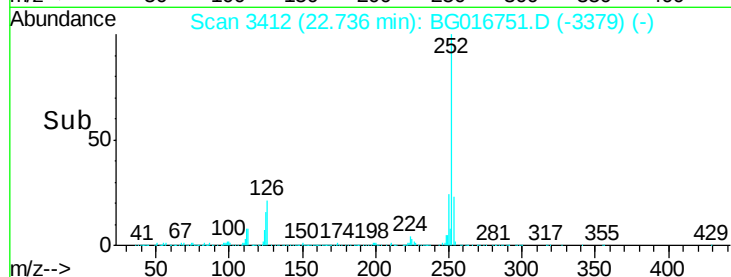
125 17.1 15.5 23.3



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



#89

Benzo(a)pyrene

Concen: 12.54 ng/mL

RT: 23.26 min Scan# 3501

Delta R.T. -0.00 min

Lab File: BG016751.D

Acq: 28 Apr 2015 4:00

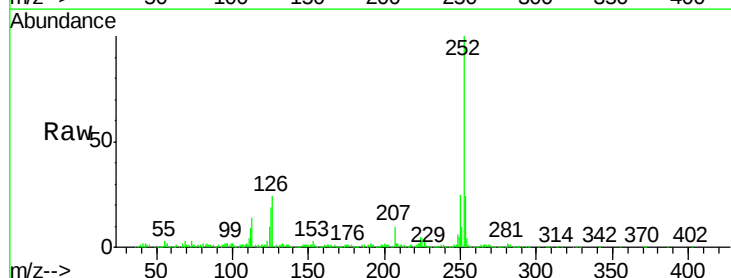
Tgt Ion:252 Resp: 210690

Ion Ratio Lower Upper

252 100

253 23.9 17.2 25.8

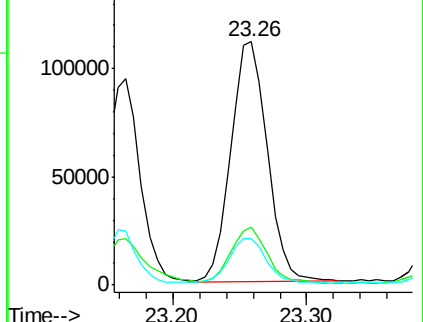
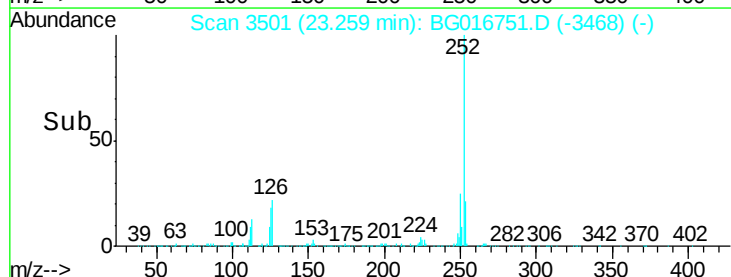
125 19.0 16.3 24.5

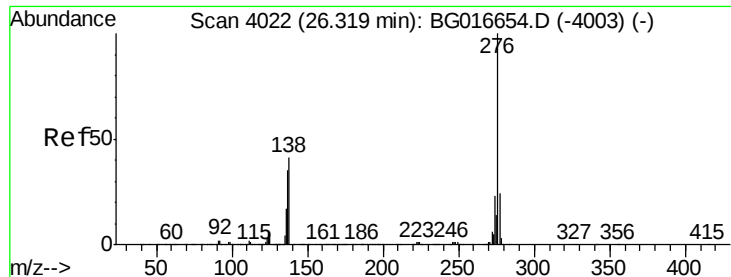


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

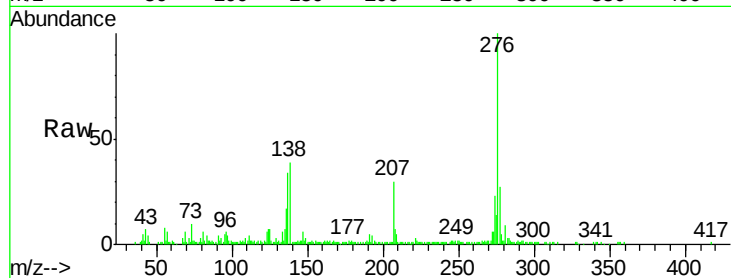




#91
 Benzo(a,h,i)perylene
 Concen: 7.76 ng
 RT: 26.26 min Scan# 4011
 Delta R.T. -0.01 min
 Lab File: BG016751.D
 Acq: 28 Apr 2015 4:00

Instrument :
 BNA_G
 ClientSampleId :
 TEC02

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.7	19.3	28.9
138	38.9	32.8	49.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

