

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072015\
 Data File : BG017988.D
 Acq On : 20 Jul 2015 14:40
 Operator : TP/UM
 Sample : G2976-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-8(0-2)

Quant Time: Jul 20 17:17:29 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 01:50:30 2015
 Response via : Initial Calibration

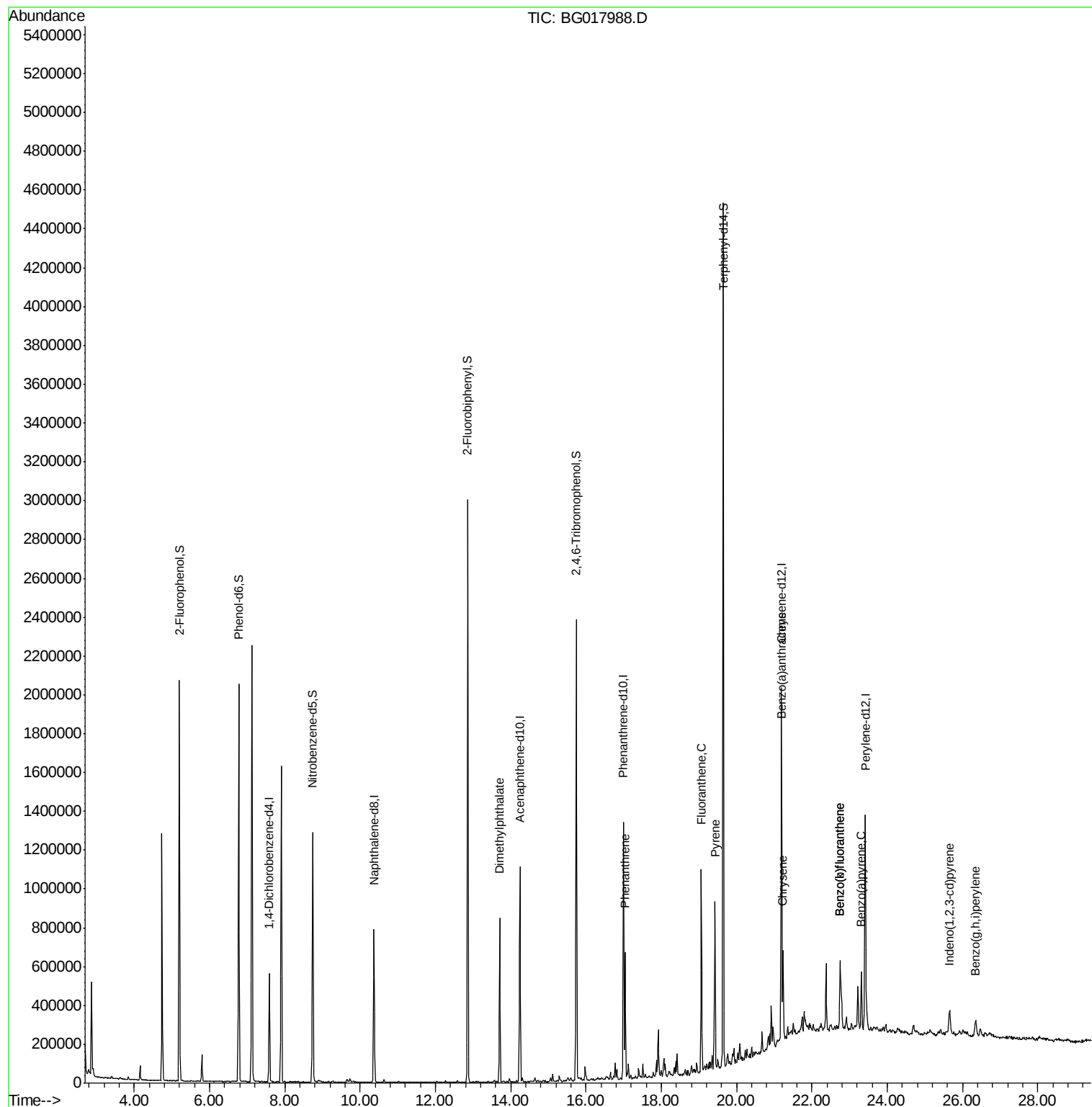
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	156395	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	667012	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	393913	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	741652	20.00	ng	0.00
75) Chrysene-d12	21.20	240	766068	20.00	ng	0.00
86) Perylene-d12	23.42	264	781969	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	934071	104.19	ng	0.00
7) Phenol-d6	6.78	99	1212965	103.27	ng	0.01
23) Nitrobenzene-d5	8.74	82	721164	70.03	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	431946	108.23	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	1493266	65.69	ng	0.00
78) Terphenyl-d14	19.65	244	1747742	57.47	ng	0.00
Target Compounds						
32) Benzoic acid	9.65	122	7885	Below Cal	#	84
49) Dimethylphthalate	13.71	163	525873	19.22	ng	99
53) 2,4-Dinitrophenol	14.19	184	71	Below Cal	#	24
69) Pentachlorophenol	16.61	266	61	Below Cal	#	18
70) Phenanthrene	17.04	178	379915	9.93	ng	97
74) Fluoranthene	19.06	202	585378	13.98	ng	97
77) Pyrene	19.43	202	524181	12.27	ng	97
80) Benzo(a)anthracene	21.19	228	222405	5.50	ng	99
82) Chrysene	21.23	228	251350	6.52	ng	95
85) Indeno(1,2,3-cd)pyrene	25.66	276	127563	2.74	ng	# 89
87) Benzo(b)fluoranthene	22.75	252	400503	9.36	ng	99
88) Benzo(k)fluoranthene	22.75	252	400503	9.37	ng	100
89) Benzo(a)pyrene	23.32	252	214599	5.38	ng	99
91) Benzo(g,h,i)perylene	26.36	276	120253	3.02	ng	99

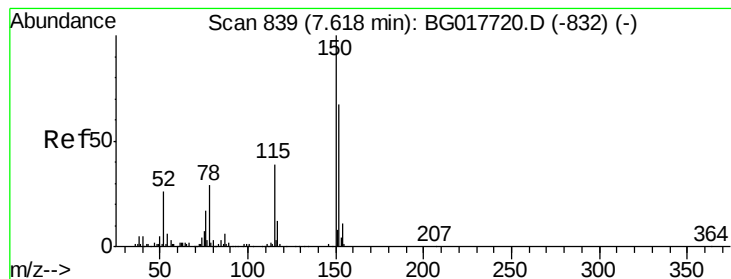
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072015\
Data File : BG017988.D
Acq On : 20 Jul 2015 14:40
Operator : TP/UM
Sample : G2976-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-8(0-2)

Quant Time: Jul 20 17:17:29 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 18 01:50:30 2015
Response via : Initial Calibration



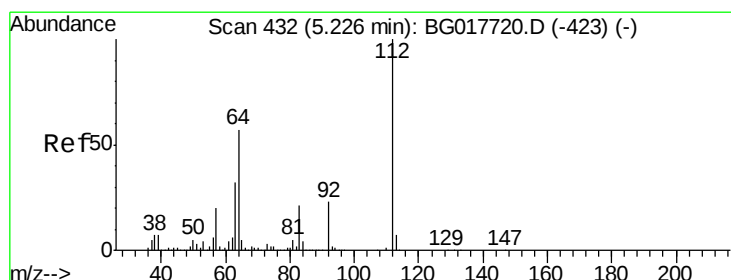
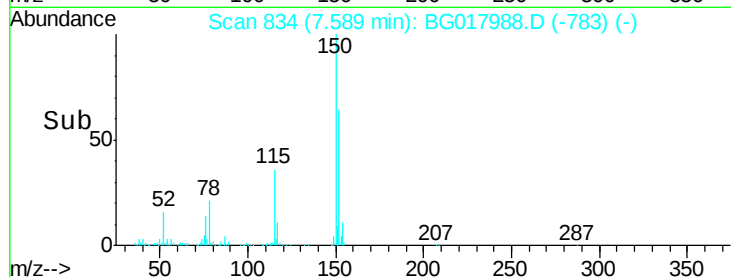
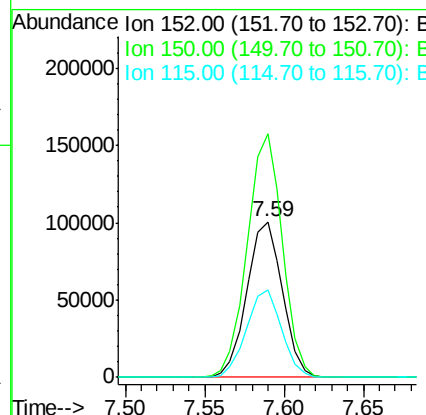
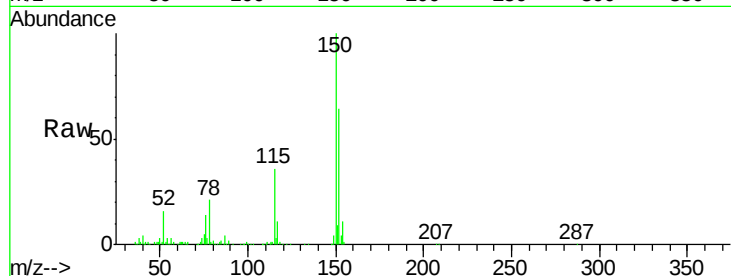


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.59 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG017988.D
Acq: 20 Jul 2015 14:40

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-8(0-2)

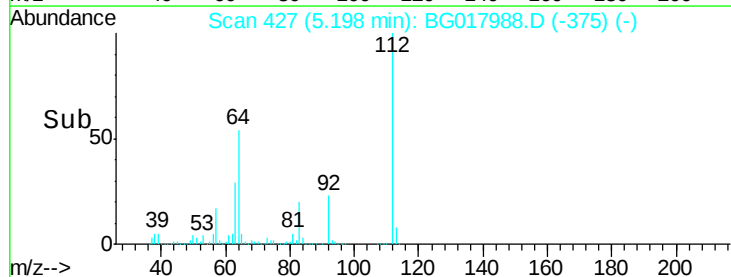
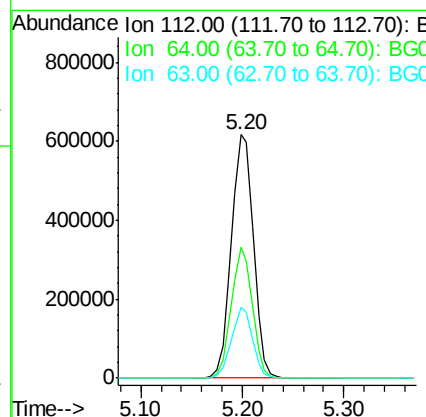
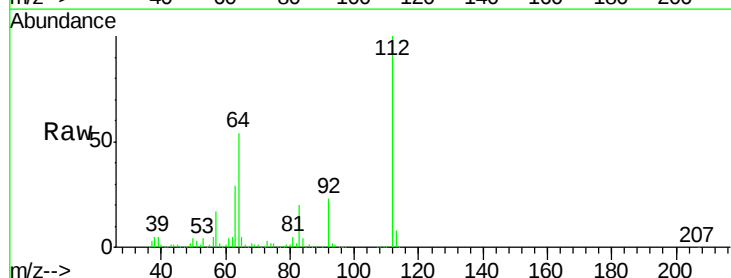
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.8	119.1	178.7
115	56.2	47.0	70.4

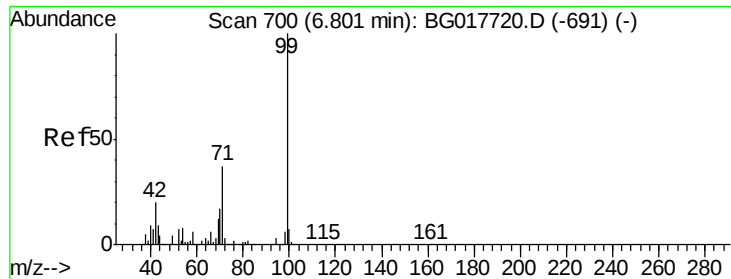


#5

2-Fluorophenol
Concen: 104.19 ng
RT: 5.20 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG017988.D
Acq: 20 Jul 2015 14:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	45.4	68.0
63	29.1	25.3	37.9





#7

Phenol-d6

Concen: 103.27 ng

RT: 6.78 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG017988.D

Acq: 20 Jul 2015 14:40

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-8(0-2)

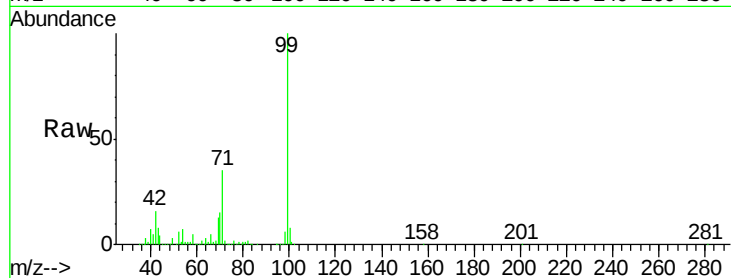
Tgt Ion: 99 Resp: 1212965

Ion Ratio Lower Upper

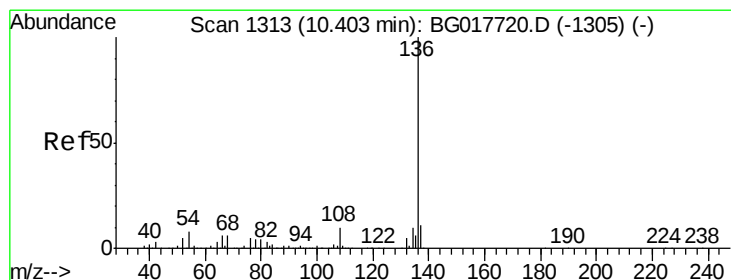
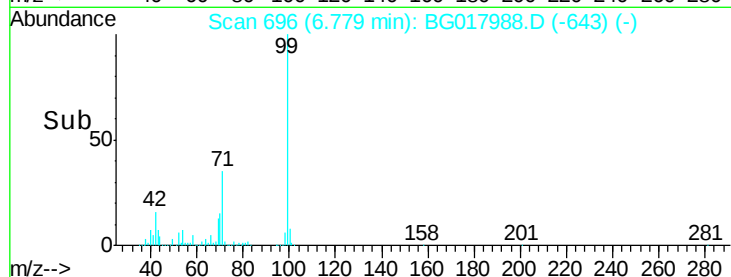
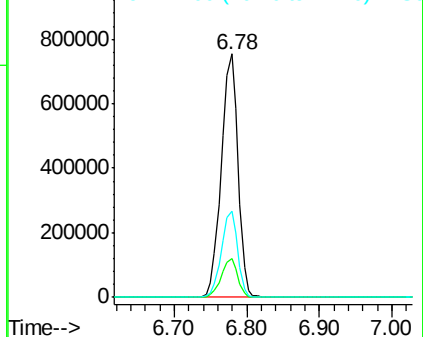
99 100

42 16.0 16.2 24.4#

71 35.4 29.5 44.3



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: 10.37 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BG017988.D

Acq: 20 Jul 2015 14:40

Tgt Ion: 136 Resp: 667012

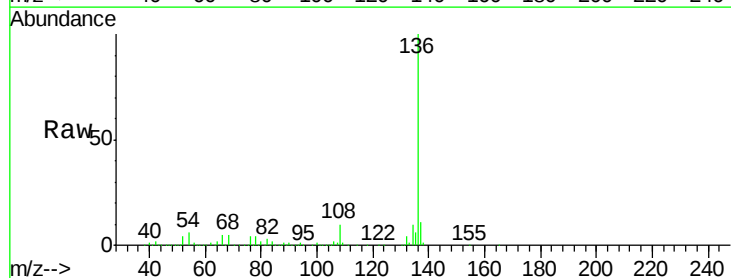
Ion Ratio Lower Upper

136 100

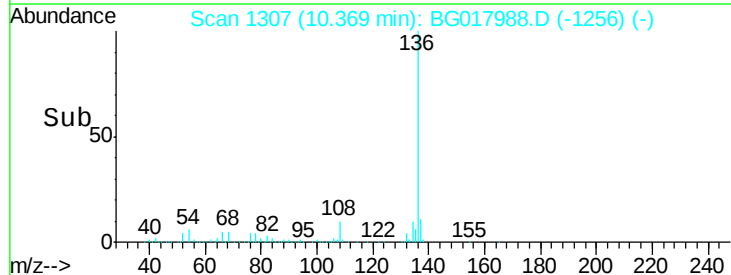
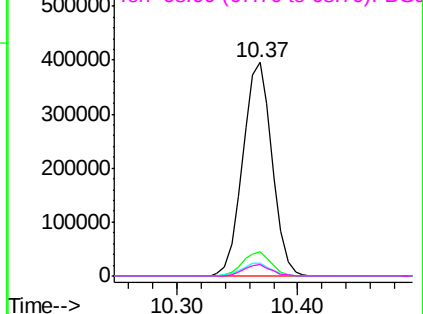
137 11.4 8.8 13.2

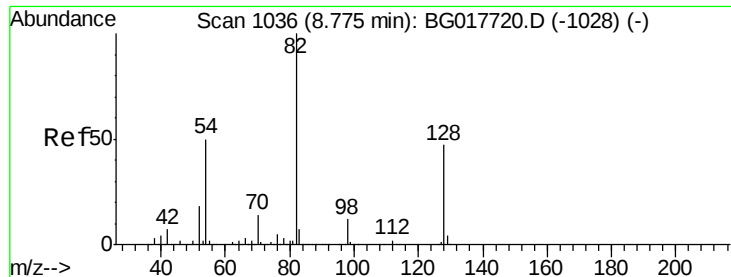
54 5.9 6.6 9.8#

68 5.2 5.1 7.7



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

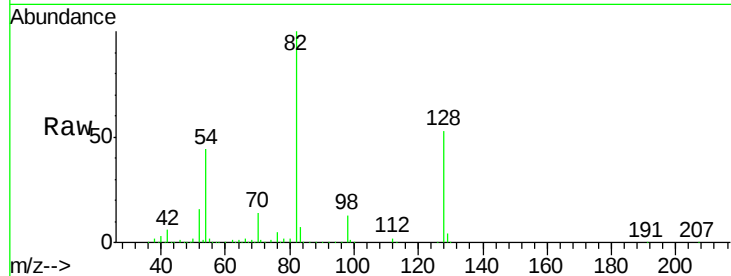




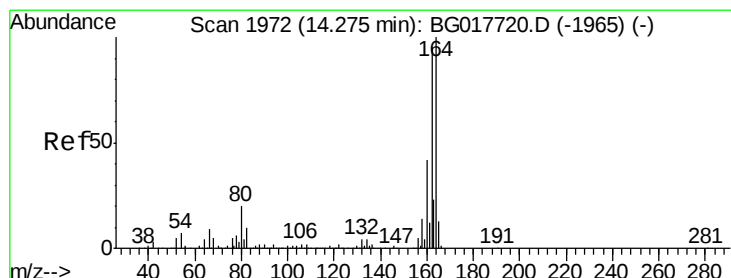
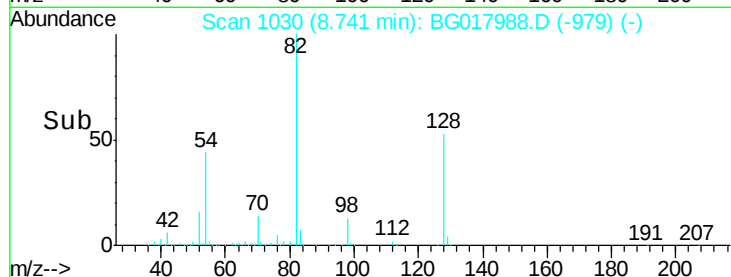
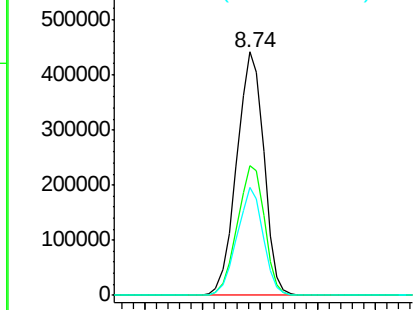
#23
Nitrobenzene-d5
Concen: 70.03 ng
RT: 8.74 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BG017988.D
Acq: 20 Jul 2015 14:40

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-8(0-2)

Tgt Ion: 82 Resp: 721164
Ion Ratio Lower Upper
82 100
128 53.3 37.8 56.6
54 44.2 39.9 59.9

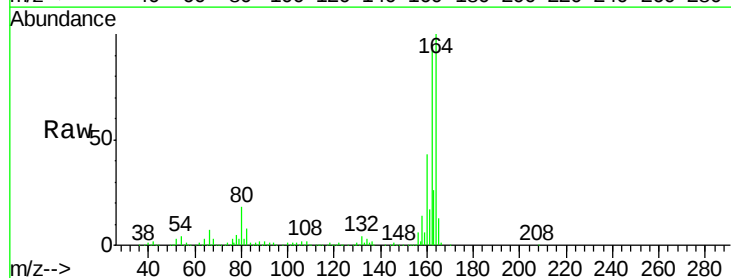


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

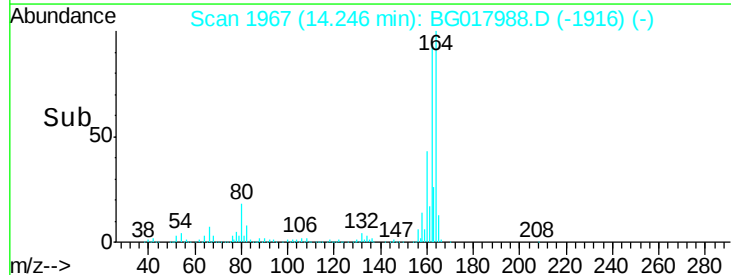
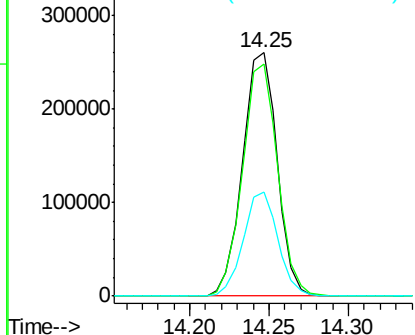


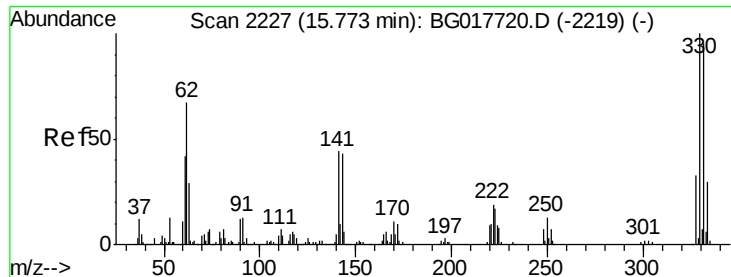
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.25 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BG017988.D
Acq: 20 Jul 2015 14:40

Tgt Ion: 164 Resp: 393913
Ion Ratio Lower Upper
164 100
162 95.2 76.3 114.5
160 42.5 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

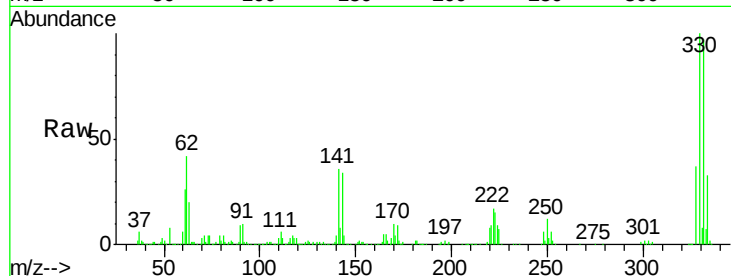




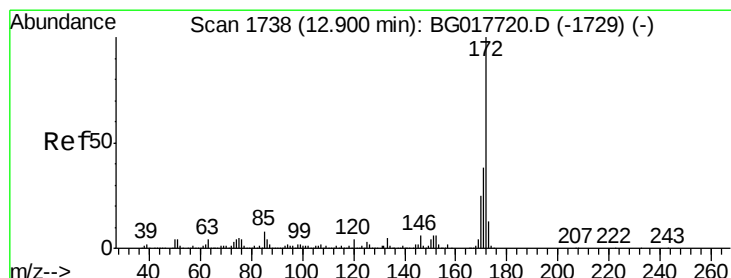
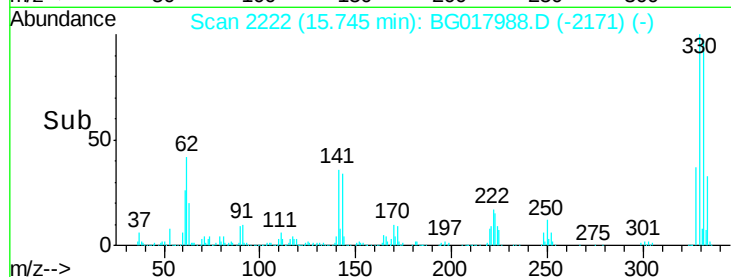
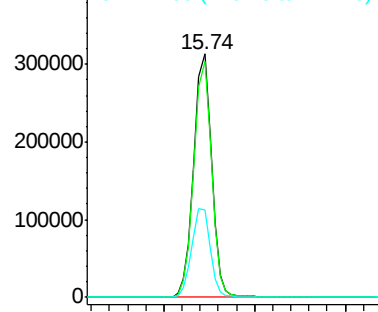
#41
 2,4,6-Tribromophenol
 Concen: 108.23 ng
 RT: 15.74 min Scan# 2222
 Delta R.T. 0.00 min
 Lab File: BG017988.D
 Acq: 20 Jul 2015 14:40

Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-8(0-2)

Tgt Ion:330 Resp: 431946
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.8 115.2
 141 37.8 38.0 57.0#

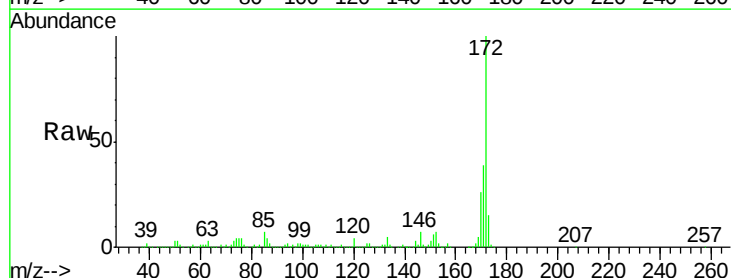


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

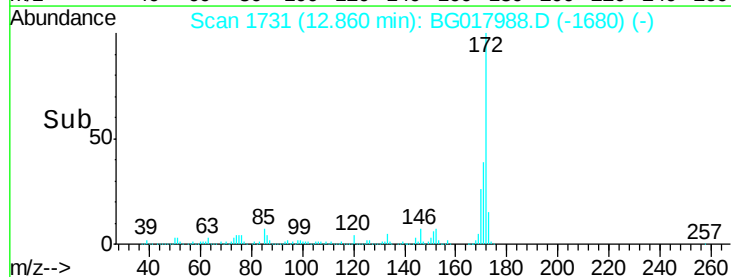
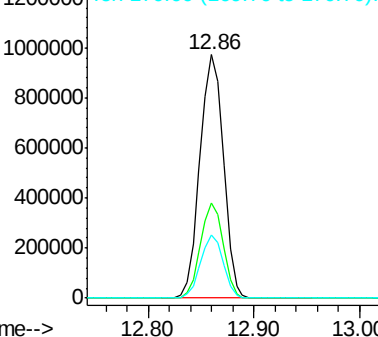


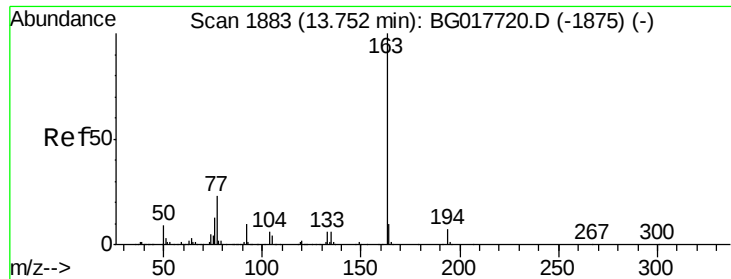
#44
 2-Fluorobiphenyl
 Concen: 65.69 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BG017988.D
 Acq: 20 Jul 2015 14:40

Tgt Ion:172 Resp: 1493266
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.7 46.1
 170 25.8 19.7 29.5



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: 19.22 ng

RT: 13.71 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG017988.D

Acq: 20 Jul 2015 14:40

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-8(0-2)

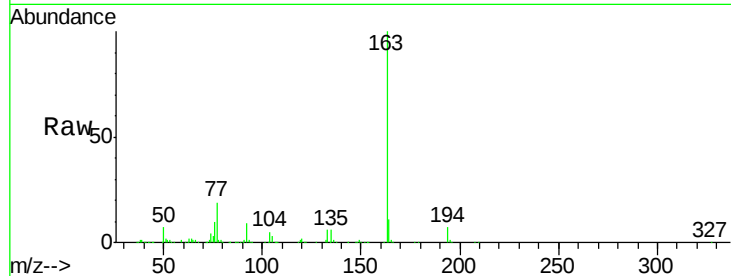
Tgt Ion:163 Resp: 525873

Ion Ratio Lower Upper

163 100

194 6.6 5.8 8.6

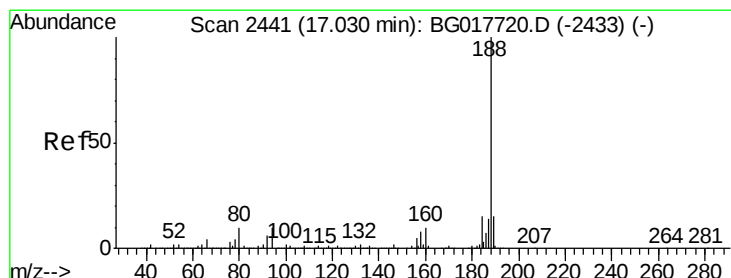
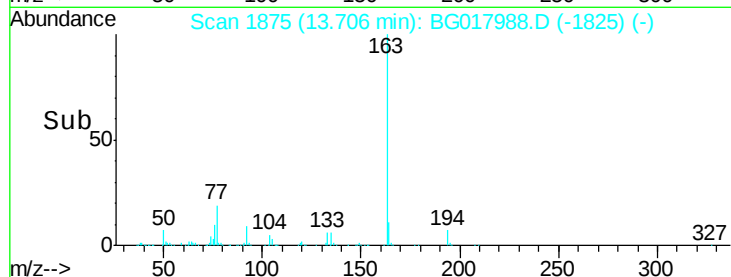
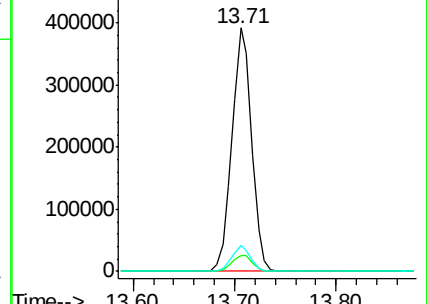
164 10.7 8.3 12.5



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: 17.00 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BG017988.D

Acq: 20 Jul 2015 14:40

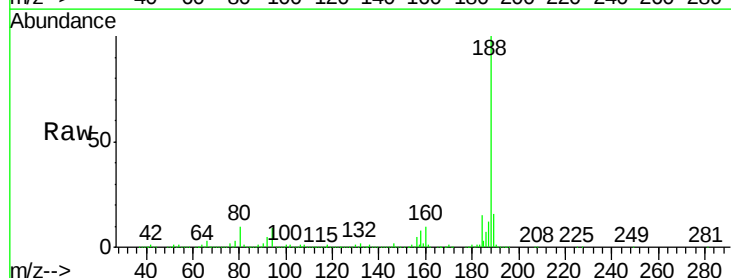
Tgt Ion:188 Resp: 741652

Ion Ratio Lower Upper

188 100

94 9.2 8.2 12.2

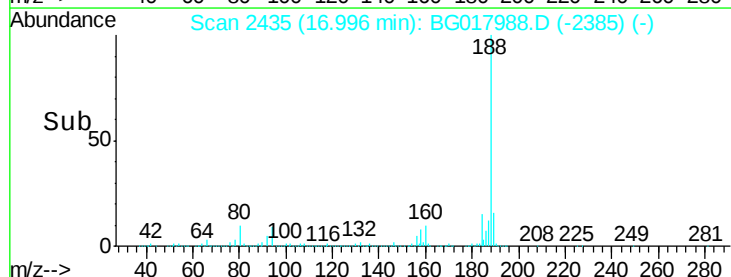
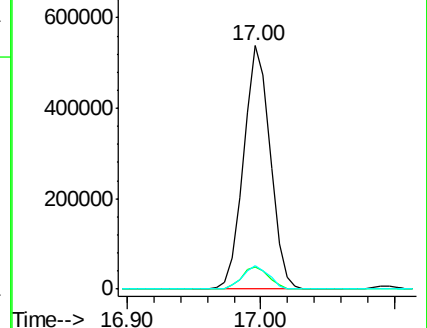
80 9.8 8.2 12.4

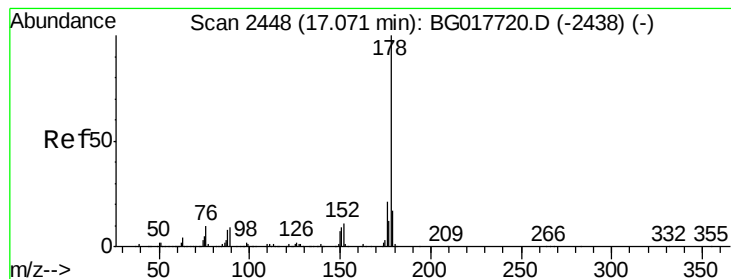


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#70

Phenanthrene

Concen: 9.93 ng

RT: 17.04 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG017988.D

Acq: 20 Jul 2015 14:40

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-8(0-2)

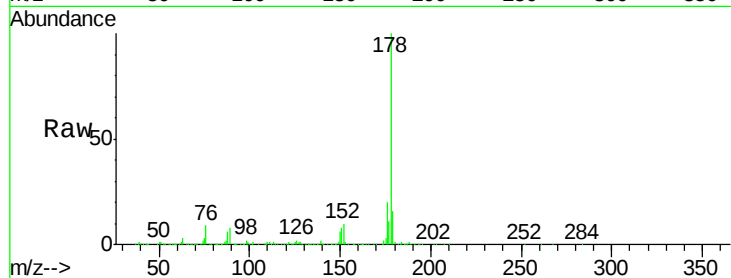
Tgt Ion:178 Resp: 379915

Ion Ratio Lower Upper

178 100

176 19.5 16.5 24.7

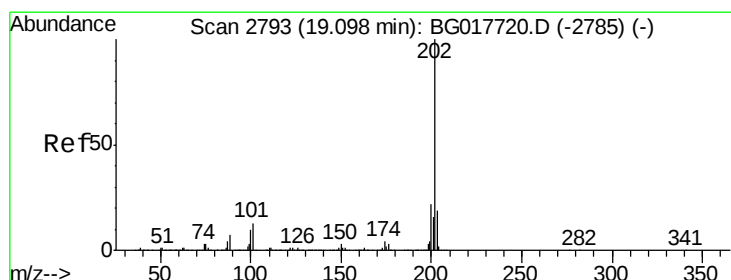
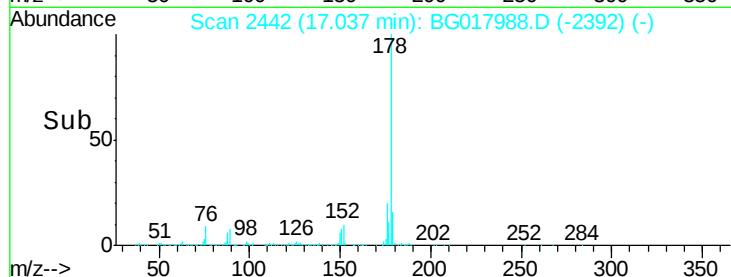
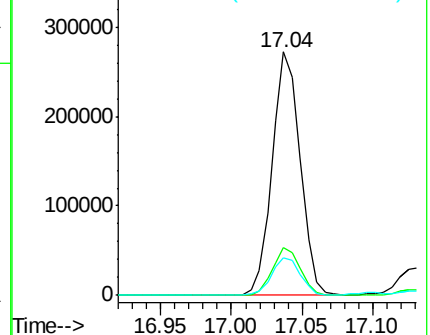
179 15.6 13.5 20.3



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: 13.98 ng

RT: 19.06 min Scan# 2787

Delta R.T. 0.00 min

Lab File: BG017988.D

Acq: 20 Jul 2015 14:40

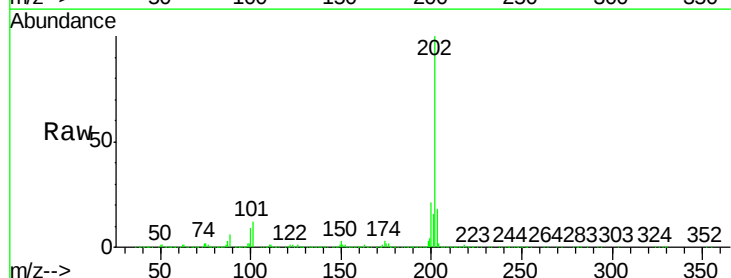
Tgt Ion:202 Resp: 585378

Ion Ratio Lower Upper

202 100

101 11.5 0.0 33.3

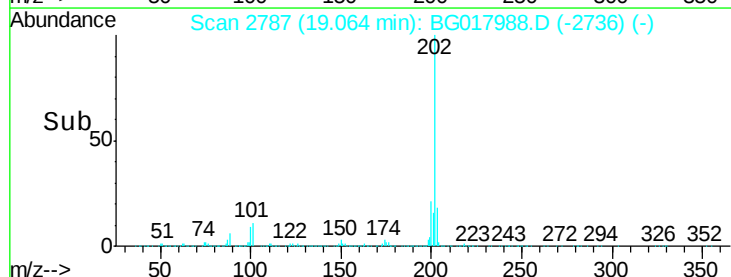
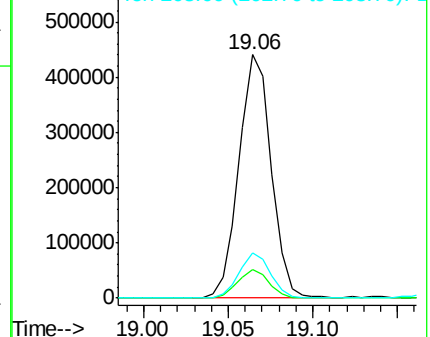
203 18.4 0.0 39.5

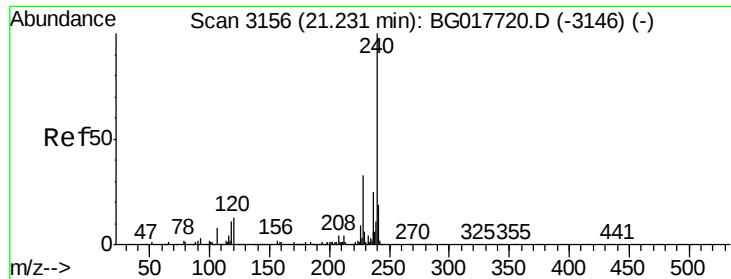


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.20 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG017988.D

Acq: 20 Jul 2015 14:40

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-8(0-2)

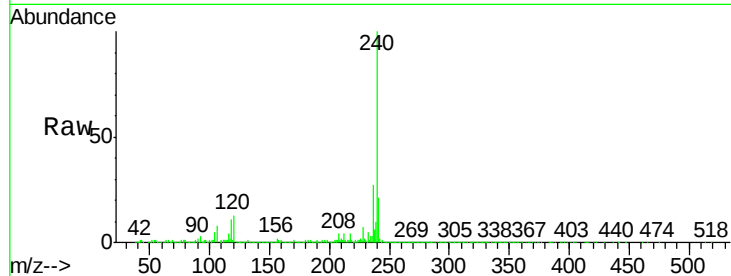
Tgt Ion:240 Resp: 766068

Ion Ratio Lower Upper

240 100

120 12.6 10.8 16.2

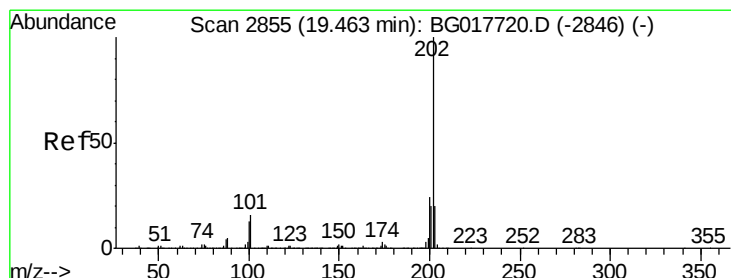
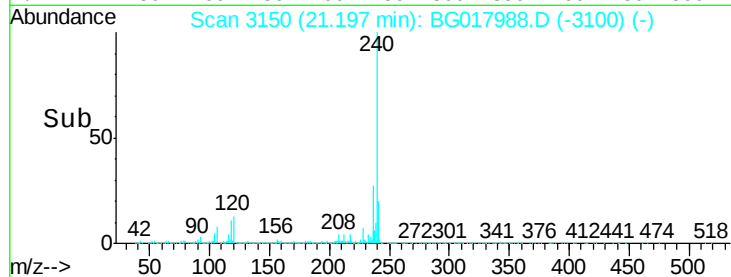
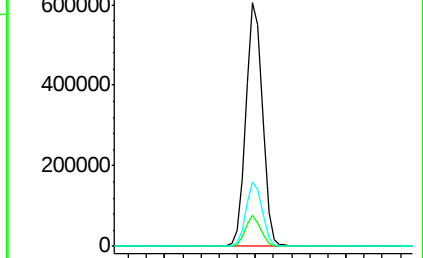
236 26.6 20.0 30.0



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: 12.27 ng

RT: 19.43 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG017988.D

Acq: 20 Jul 2015 14:40

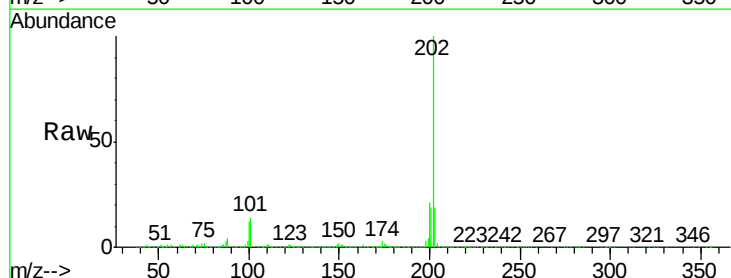
Tgt Ion:202 Resp: 524181

Ion Ratio Lower Upper

202 100

200 21.3 18.8 28.2

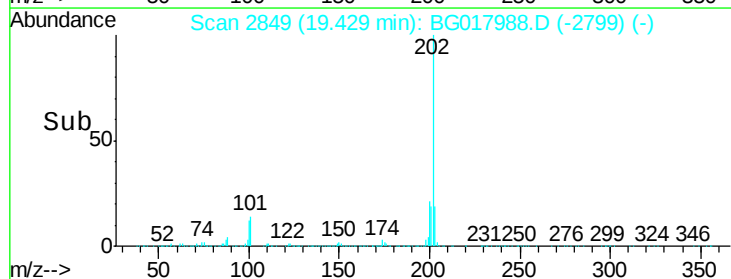
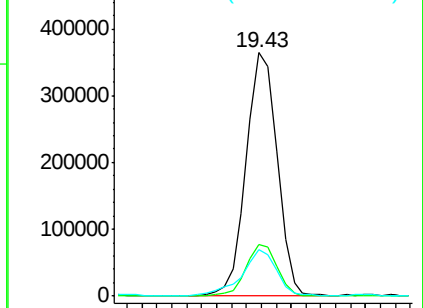
203 19.2 15.9 23.9

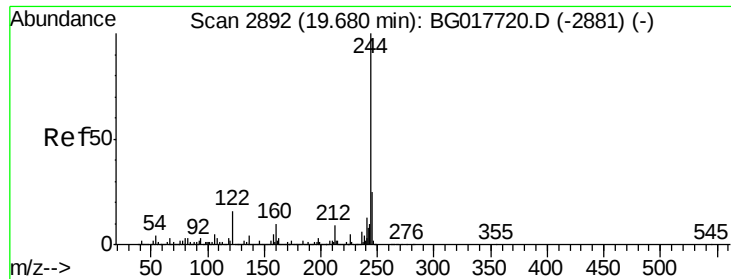


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 57.47 ng

RT: 19.65 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG017988.D

Acq: 20 Jul 2015 14:40

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-8(0-2)

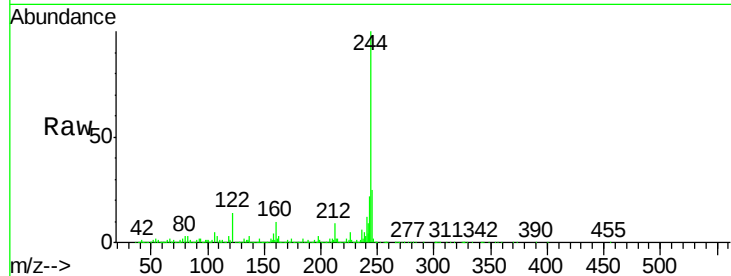
Tgt Ion:244 Resp: 1747742

Ion Ratio Lower Upper

244 100

212 8.9 7.2 10.8

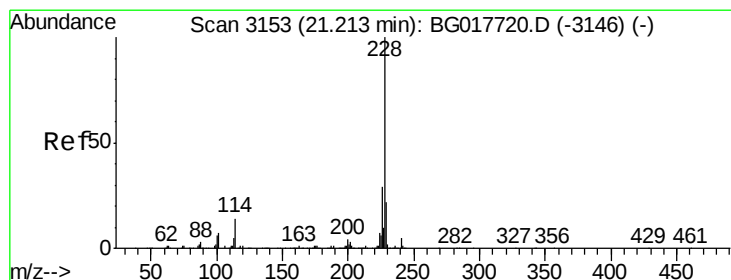
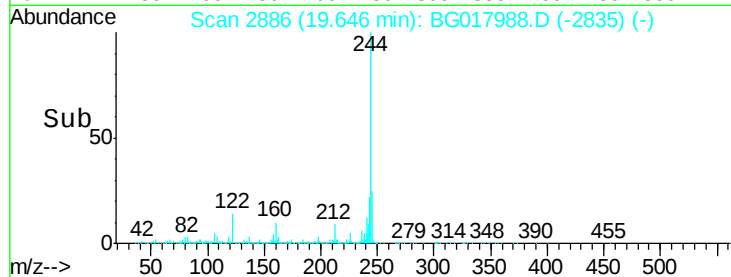
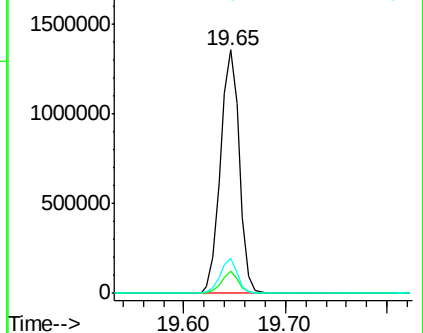
122 14.1 12.8 19.2



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: 5.50 ng

RT: 21.19 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG017988.D

Acq: 20 Jul 2015 14:40

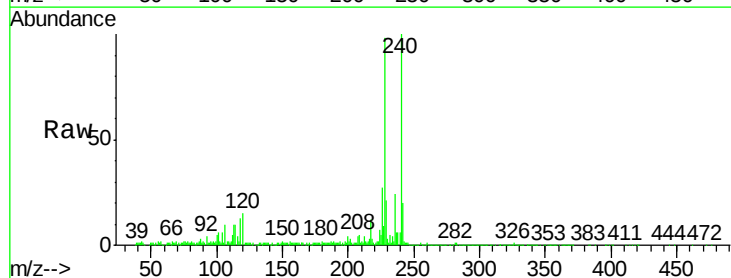
Tgt Ion:228 Resp: 222405

Ion Ratio Lower Upper

228 100

226 27.6 23.1 34.7

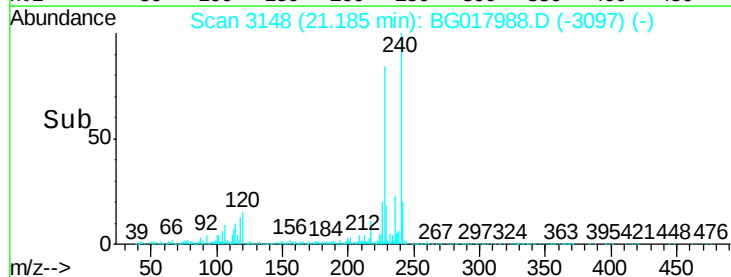
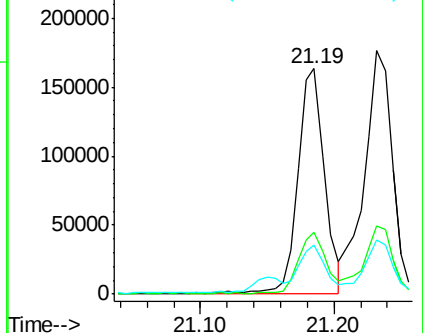
229 21.8 17.4 26.0

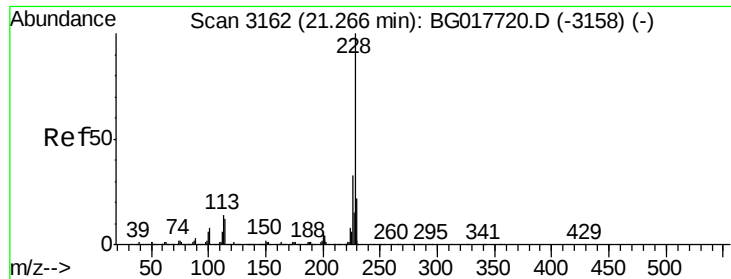


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 6.52 ng

RT: 21.23 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG017988.D

Acq: 20 Jul 2015 14:40

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-8(0-2)

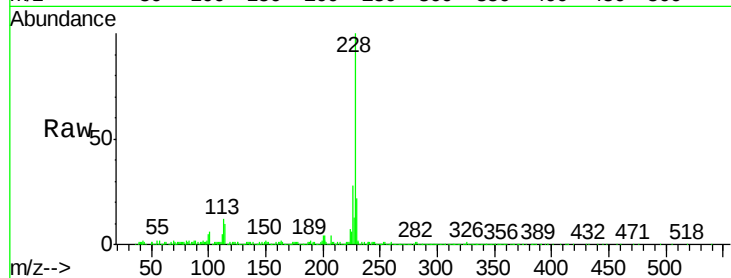
Tgt Ion:228 Resp: 251350

Ion Ratio Lower Upper

228 100

226 28.0 26.1 39.1

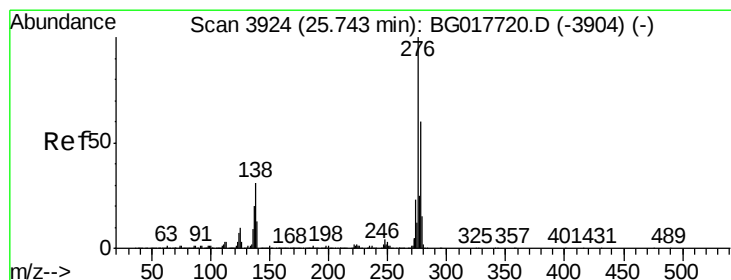
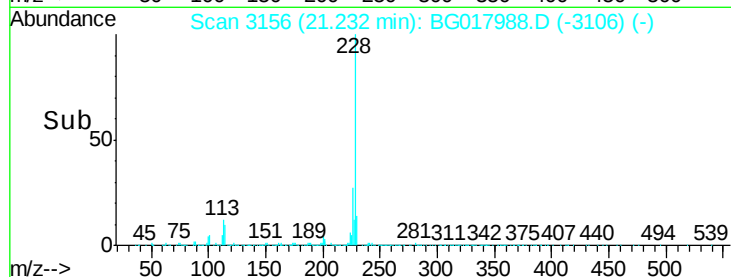
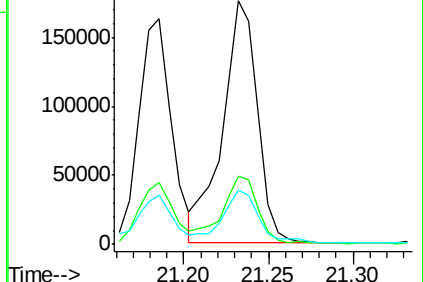
229 22.2 17.7 26.5



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: 2.74 ng

RT: 25.66 min Scan# 3910

Delta R.T. -0.00 min

Lab File: BG017988.D

Acq: 20 Jul 2015 14:40

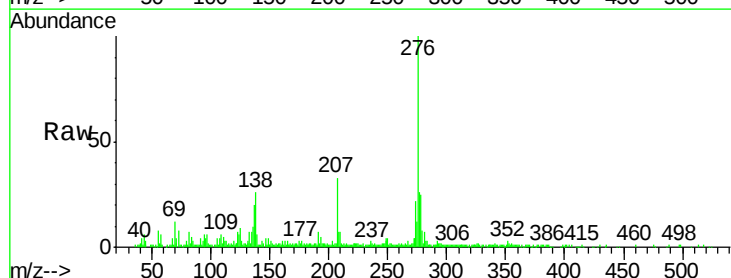
Tgt Ion:276 Resp: 127563

Ion Ratio Lower Upper

276 100

138 23.6 25.4 38.0#

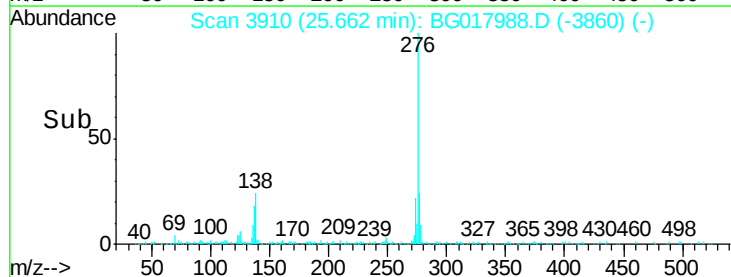
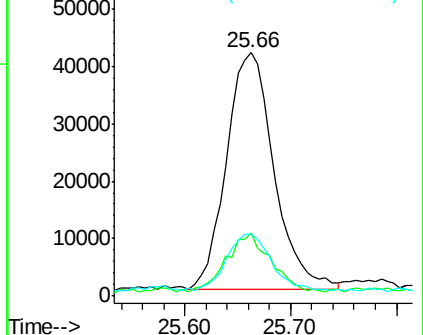
277 23.1 21.0 31.4

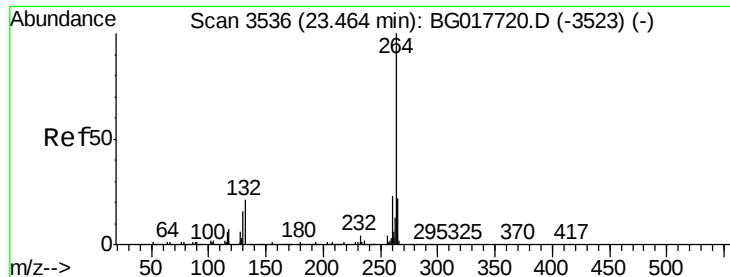


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



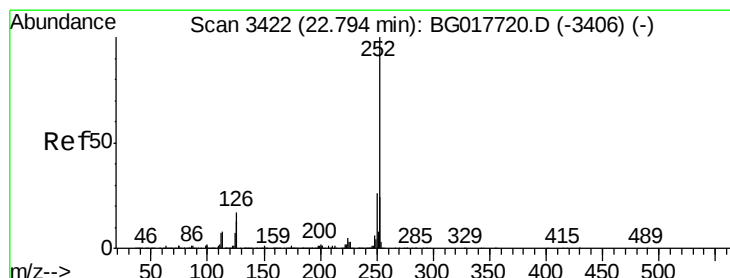
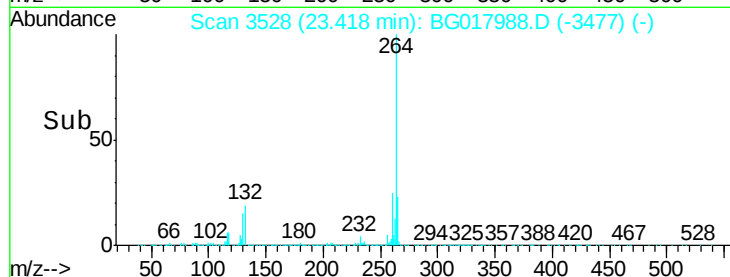
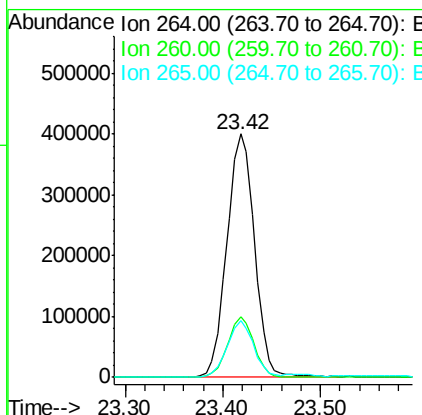
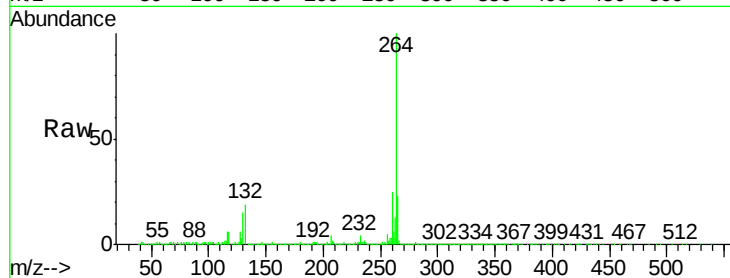


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.42 min Scan# 3528
Delta R.T. 0.00 min
Lab File: BG017988.D
Acq: 20 Jul 2015 14:40

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-8(0-2)

Tgt Ion: 264 Resp: 781969

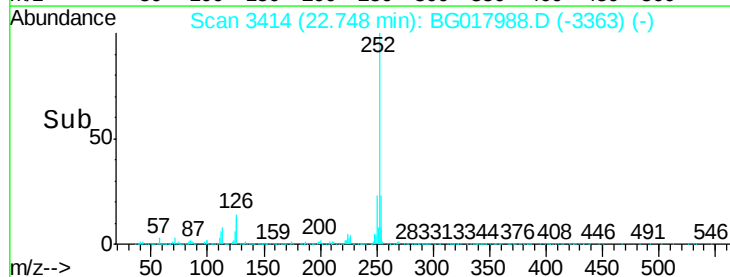
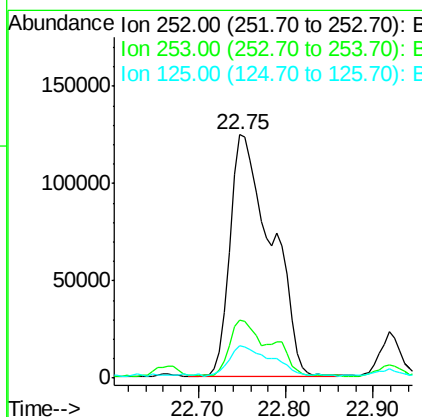
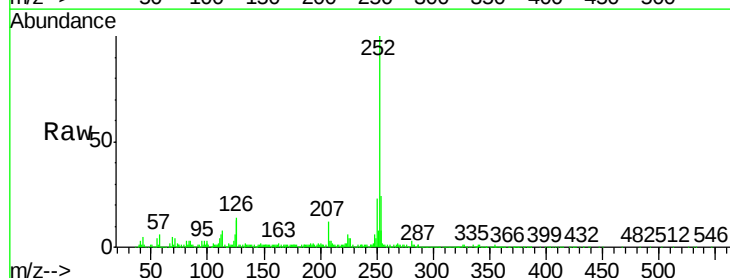
Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	27.8
265	23.4	18.2	27.2

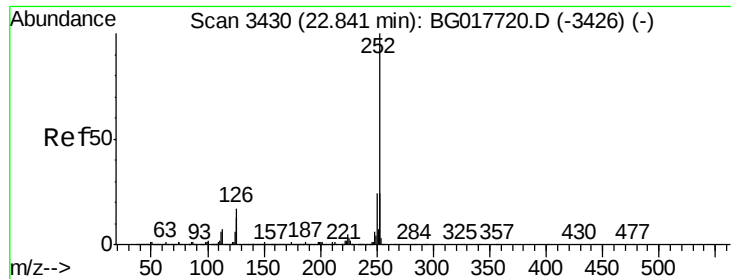


#87
Benzo(b)fluoranthene
Concen: 9.36 ng
RT: 22.75 min Scan# 3414
Delta R.T. 0.00 min
Lab File: BG017988.D
Acq: 20 Jul 2015 14:40

Tgt Ion: 252 Resp: 400503

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.7	29.5
125	13.3	10.6	15.8

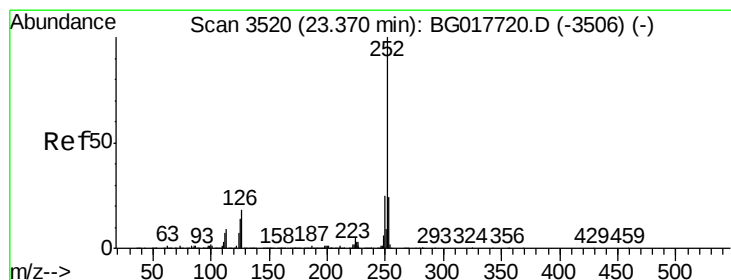
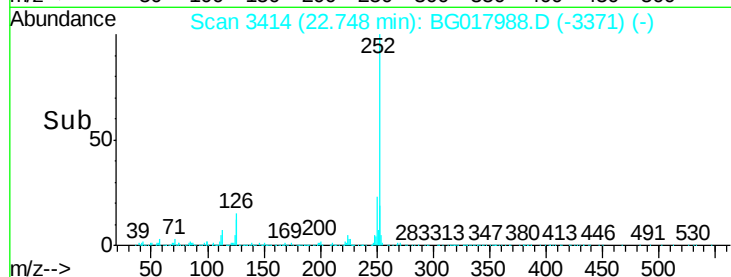
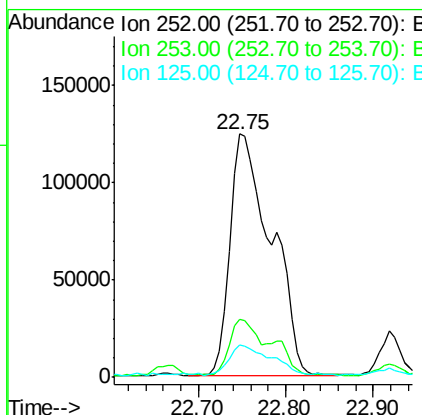
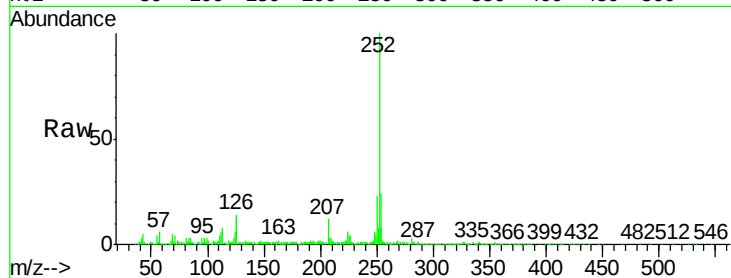




#88
Benzo(k)fluoranthene
Concen: 9.37 ng
RT: 22.75 min Scan# 3414
Delta R.T. -0.05 min
Lab File: BG017988.D
Acq: 20 Jul 2015 14:40

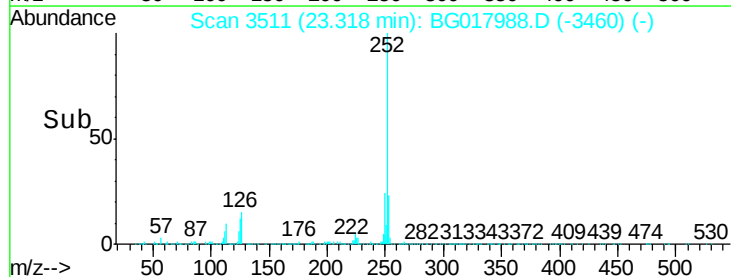
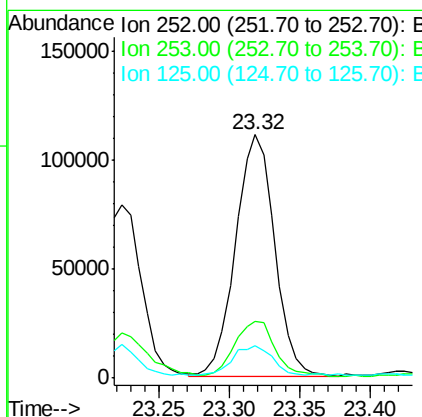
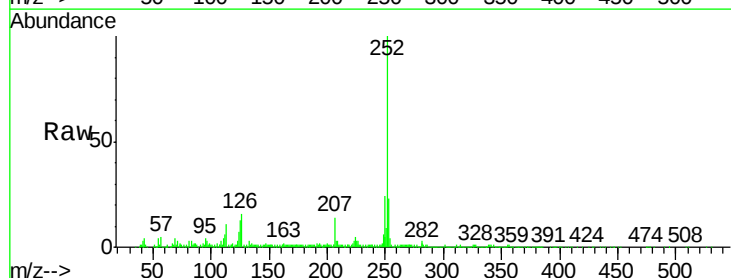
Instrument :
BNA_G
ClientSampleId :
BRIDGE14-8(0-2)

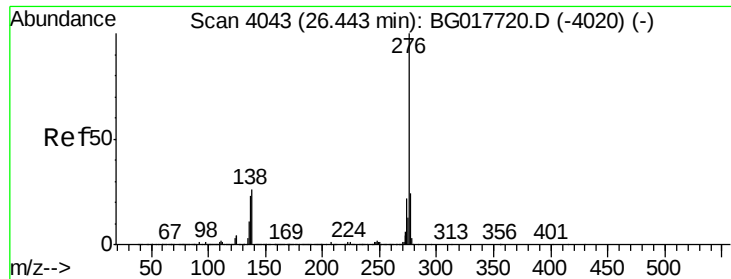
Tgt Ion:252 Resp: 400503
Ion Ratio Lower Upper
252 100
253 23.7 19.0 28.6
125 13.3 10.3 15.5



#89
Benzo(a)pyrene
Concen: 5.38 ng
RT: 23.32 min Scan# 3511
Delta R.T. 0.00 min
Lab File: BG017988.D
Acq: 20 Jul 2015 14:40

Tgt Ion:252 Resp: 214599
Ion Ratio Lower Upper
252 100
253 23.5 19.0 28.6
125 13.3 11.1 16.7





#91

Benzo(g,h,i)perylene

Concen: 3.02 ng

RT: 26.36 min Scan# 4028

Delta R.T. 0.00 min

Lab File: BG017988.D

Acq: 20 Jul 2015 14:40

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-8(0-2)

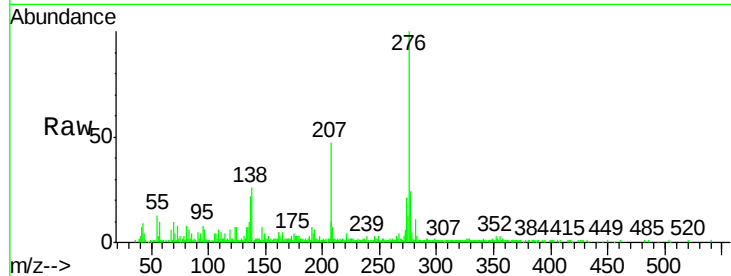
Tgt Ion: 276 Resp: 120253

Ion Ratio Lower Upper

276 100

277 24.4 18.9 28.3

138 25.8 20.8 31.2



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

