

Data Path : S:\HPCHEM1\BNA_G\DATA\BG072015\
 Data File : BG017989.D
 Acq On : 20 Jul 2015 15:16
 Operator : TP/UM
 Sample : G2975-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-4(0-2)

Quant Time: Jul 20 18:42:05 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

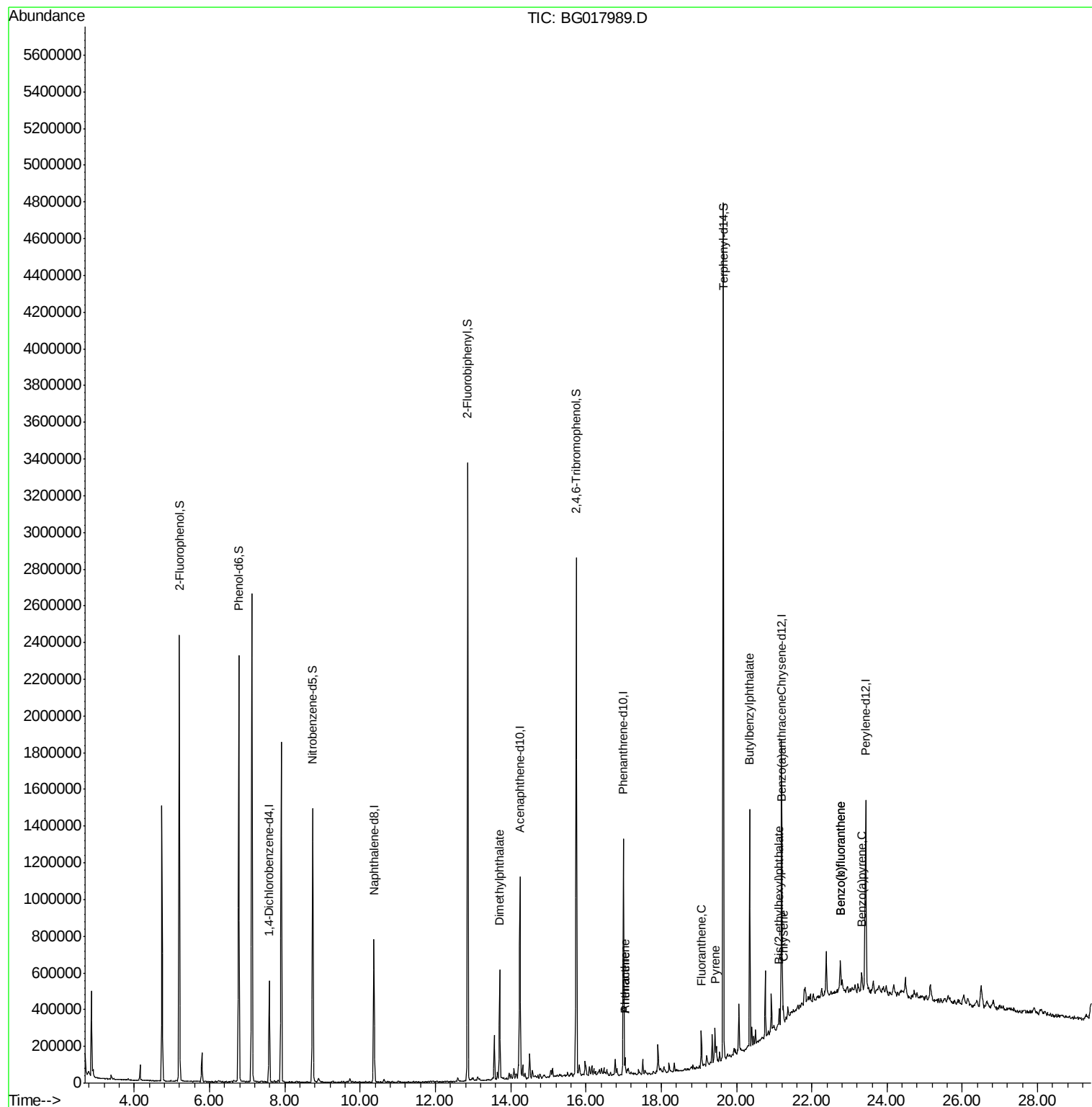
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	155835	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	673419	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	385867	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	733841	20.00	ng	0.00
75) Chrysene-d12	21.20	240	748835	20.00	ng	0.00
86) Perylene-d12	23.43	264	783461	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1076873	120.55	ng	0.00
7) Phenol-d6	6.78	99	1393292	119.05	ng	0.01
23) Nitrobenzene-d5	8.74	82	846456	81.41	ng	0.00
41) 2,4,6-Tribromophenol	15.75	330	524193	134.09	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	1692266	76.00	ng	0.00
78) Terphenyl-d14	19.65	244	1887229	63.48	ng	0.00
Target Compounds						
32) Benzoic acid	9.79	122	178	Below Cal		Qvalue 93
49) Dimethylphthalate	13.71	163	376404	14.04	ng	99
70) Phenanthrene	17.04	178	57493	1.52	ng	97
71) Anthracene	17.04	178	57493	1.56	ng	99
74) Fluoranthene	19.07	202	108977	2.63	ng	97
77) Pyrene	19.43	202	100009	2.39	ng	95
79) Butylbenzylphthalate	20.35	149	403215	21.56	ng	87
80) Benzo(a)anthracene	21.19	228	55607	1.41	ng	96
82) Chrysene	21.24	228	52572	1.40	ng	96
83) Bis(2-ethylhexyl)phthalate	21.13	149	35920	1.39	ng	# 92
87) Benzo(b)fluoranthene	22.76	252	67920	1.58	ng	# 89
88) Benzo(k)fluoranthene	22.76	252	67920	1.59	ng	# 88
89) Benzo(a)pyrene	23.33	252	50489	1.26	ng	# 83

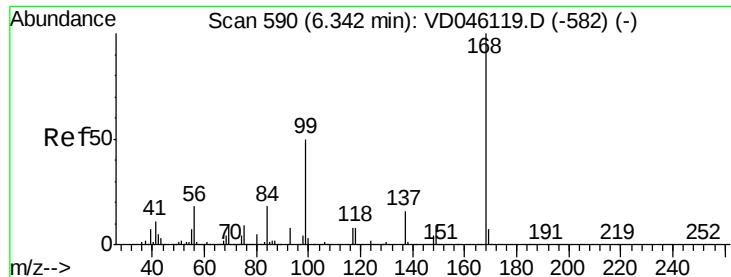
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : S:\HPCHEM1\BNA_G\DATA\BG072015\
Data File : BG017989.D
Acq On : 20 Jul 2015 15:16
Operator : TP/UM
Sample : G2975-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-4(0-2)

Quant Time: Jul 20 18:42:05 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: 7.58 min Scan# 833

Delta R.T. -0.00 min

Lab File: BG017989.D

Acq: 20 Jul 2015 15:16

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-4(0-2)

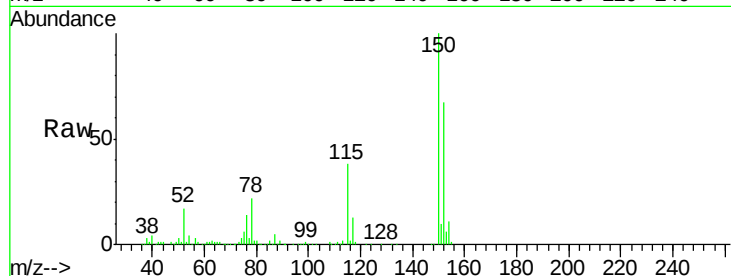
Tgt Ion:152 Resp: 155835

Ion Ratio Lower Upper

152 100

150 148.3 119.1 178.7

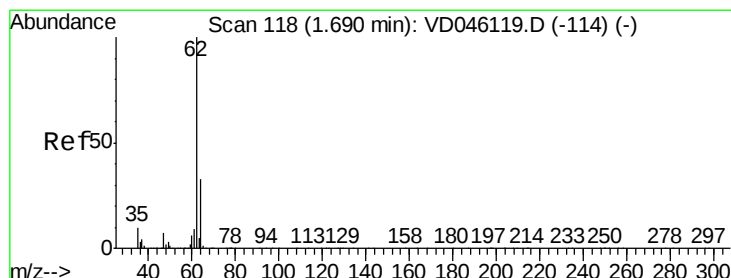
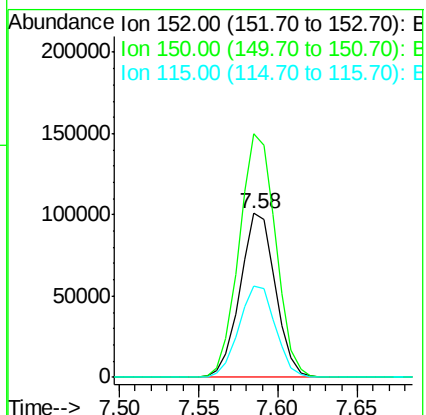
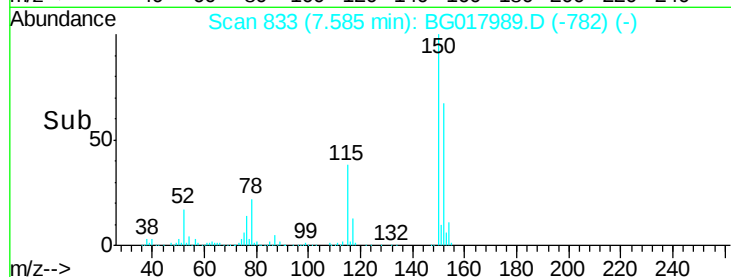
115 55.6 47.0 70.4



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: Below ng

RT: 5.20 min Scan# 427

Delta R.T. 0.01 min

Lab File: BG017989.D

Acq: 20 Jul 2015 15:16

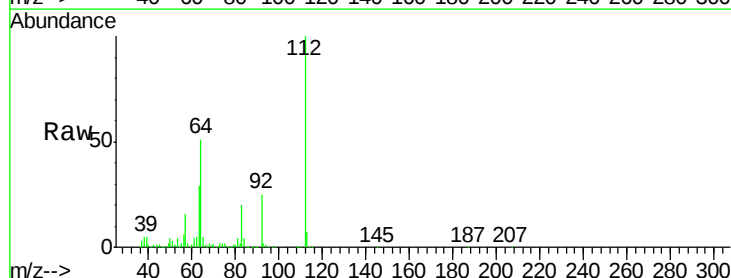
Tgt Ion:112 Resp: 1076873

Ion Ratio Lower Upper

112 100

64 51.4 45.4 68.0

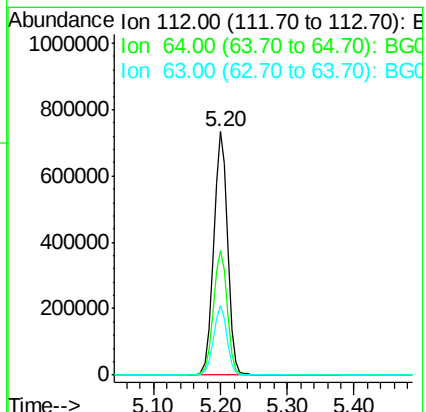
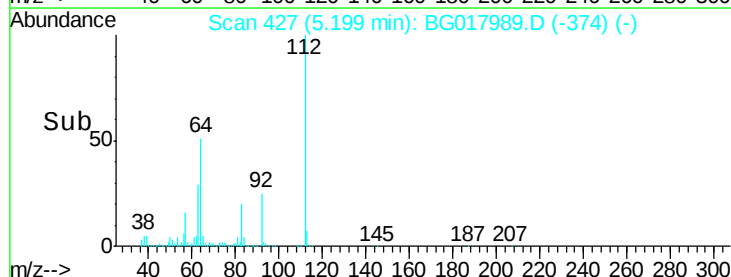
63 28.5 25.3 37.9

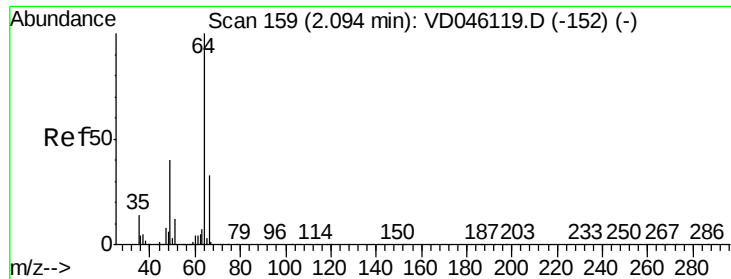


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: Below ng

RT: 6.78 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG017989.D

Acq: 20 Jul 2015 15:16

Instrument :

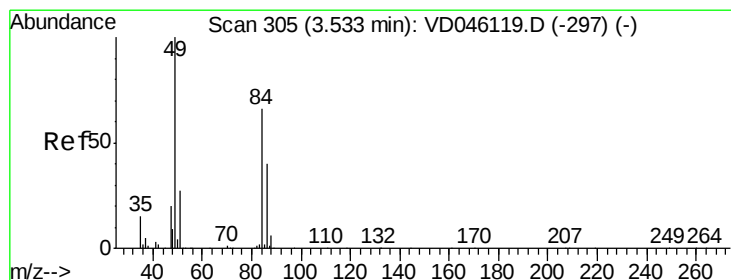
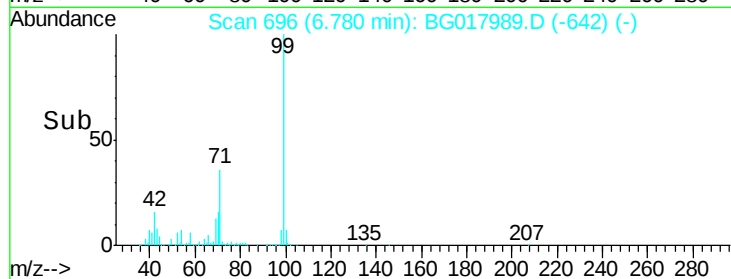
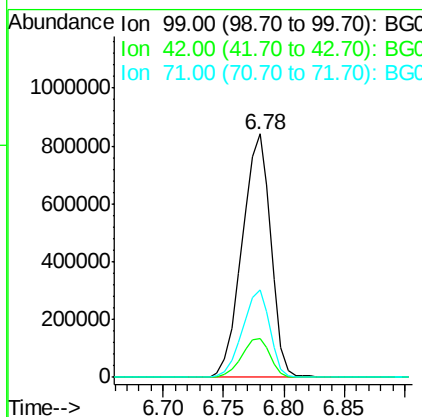
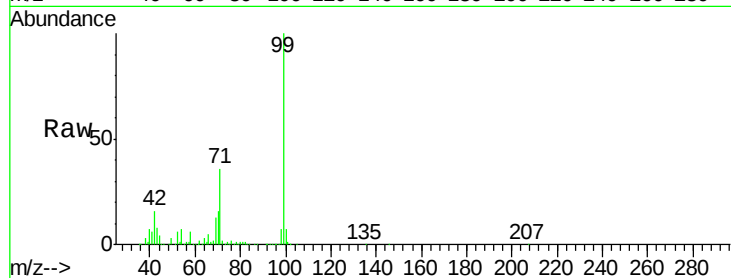
BNA_G

ClientSampleId :

BRIDGE14-4(0-2)

Tgt Ion: 99 Resp: 1393292

Ion	Ratio	Lower	Upper
99	100		
42	16.2	16.2	24.4#
71	35.7	29.5	44.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.36 min Scan# 1306

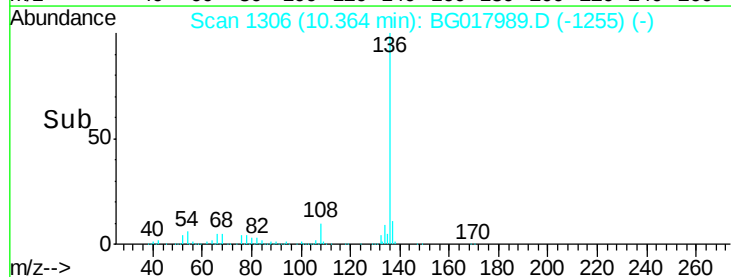
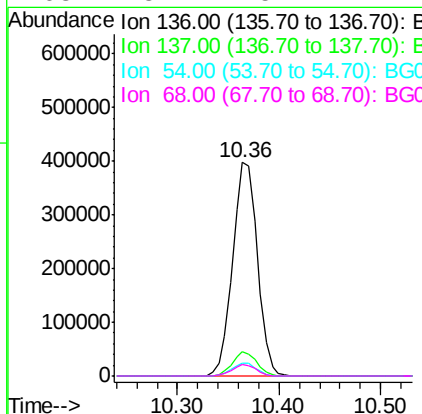
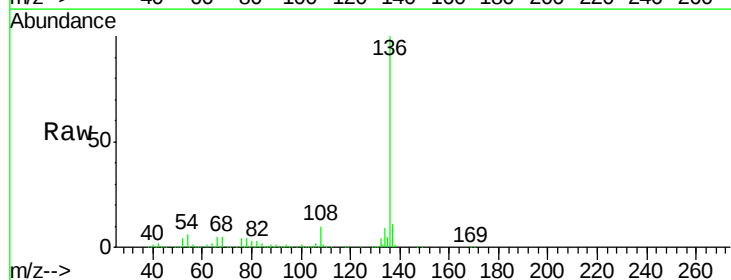
Delta R.T. -0.00 min

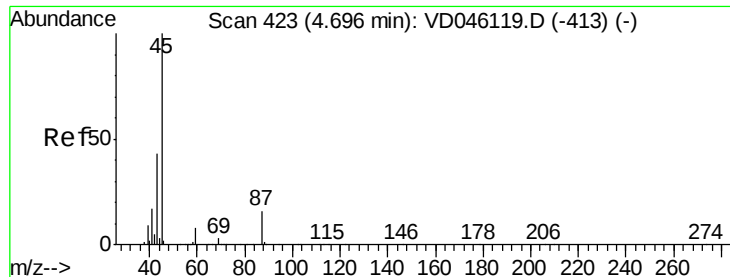
Lab File: BG017989.D

Acq: 20 Jul 2015 15:16

Tgt Ion: 136 Resp: 673419

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.3	6.6	9.8#
68	5.2	5.1	7.7

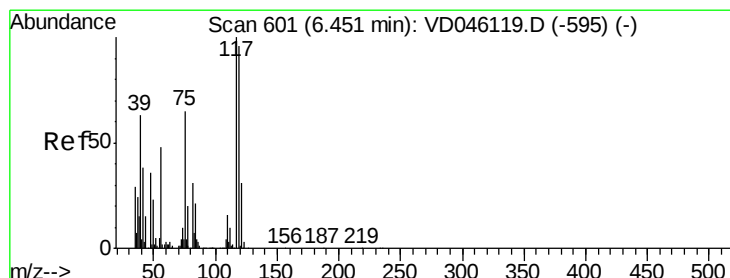
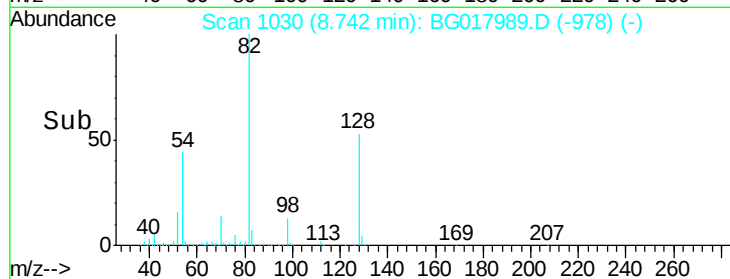
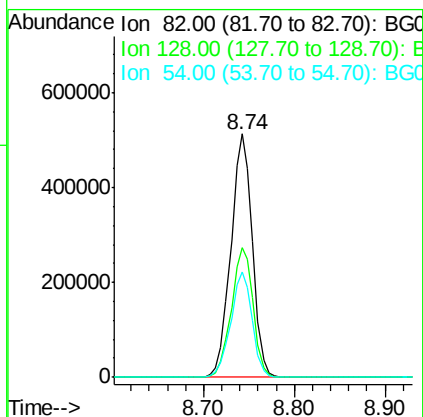
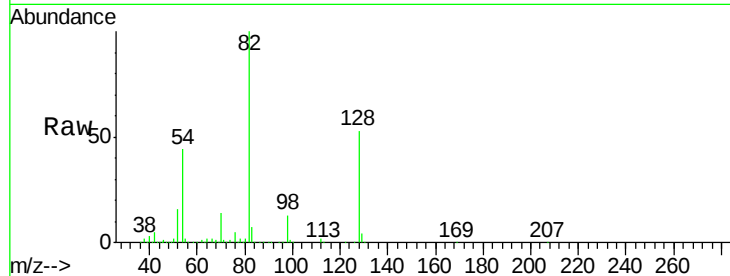




#23
 Nitrobenzene-d5
 Concen: Below ng
 RT: 8.74 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BG017989.D
 Acq: 20 Jul 2015 15:16

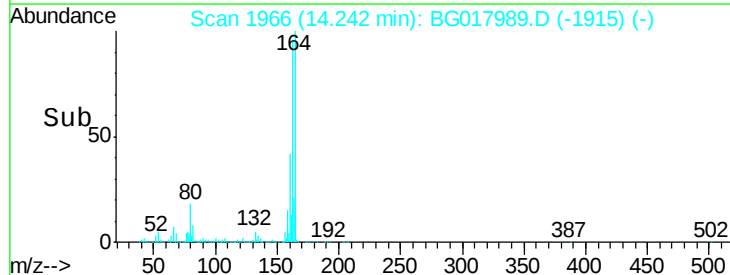
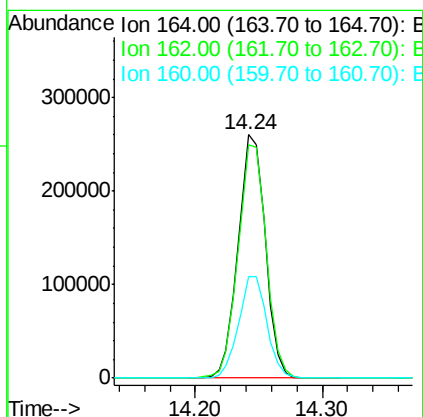
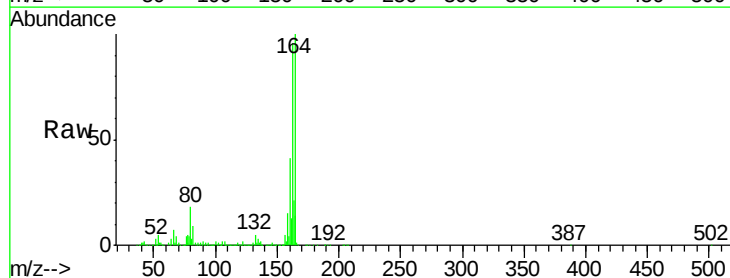
Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-4(0-2)

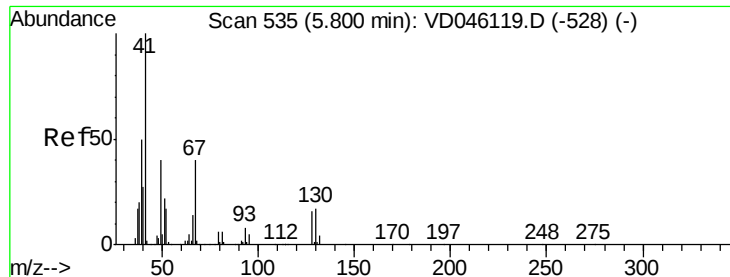
Tgt Ion: 82 Resp: 846456
 Ion Ratio Lower Upper
 82 100
 128 53.4 37.8 56.6
 54 43.5 39.9 59.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.24 min Scan# 1966
 Delta R.T. -0.00 min
 Lab File: BG017989.D
 Acq: 20 Jul 2015 15:16

Tgt Ion: 164 Resp: 385867
 Ion Ratio Lower Upper
 164 100
 162 95.9 76.3 114.5
 160 41.5 33.7 50.5

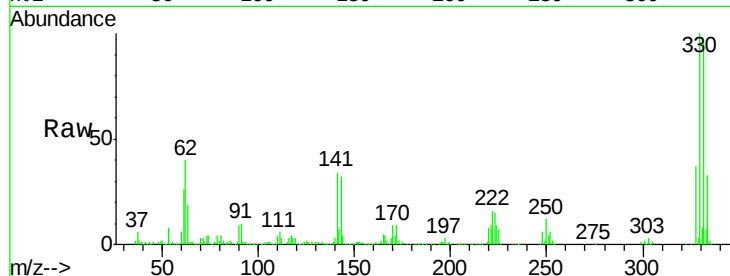




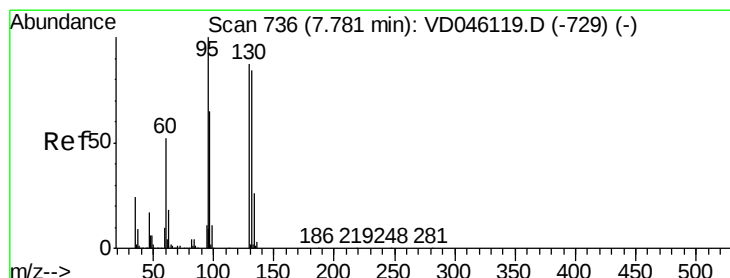
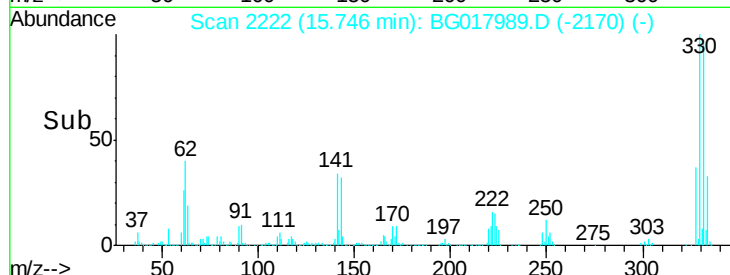
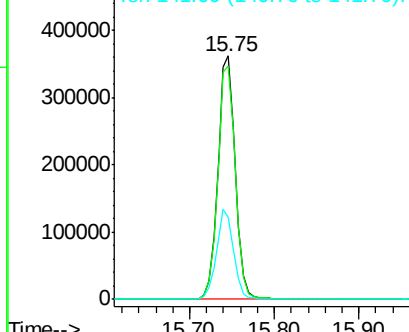
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 15.75 min Scan# 2222
 Delta R.T. 0.00 min
 Lab File: BG017989.D
 Acq: 20 Jul 2015 15:16

Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-4(0-2)

Tgt Ion:330 Resp: 524193
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.8 115.2
 141 36.6 38.0 57.0#

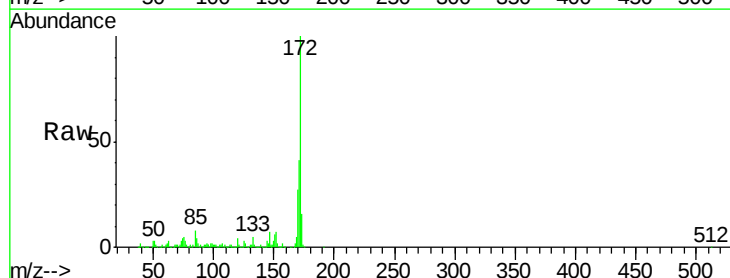


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

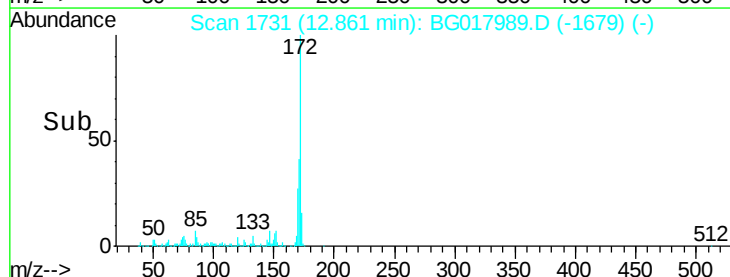
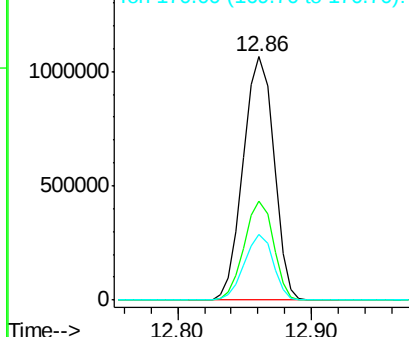


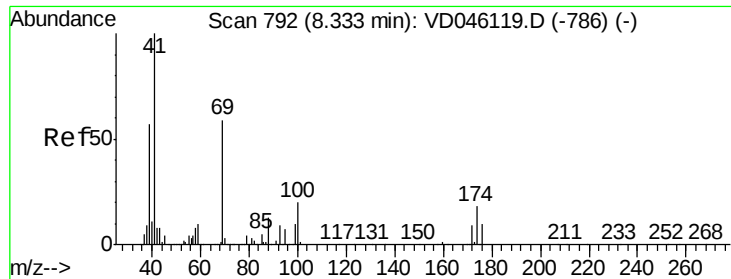
#44
 2-Fluorobiphenyl
 Concen: Below ng
 RT: 12.86 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BG017989.D
 Acq: 20 Jul 2015 15:16

Tgt Ion:172 Resp: 1692266
 Ion Ratio Lower Upper
 172 100
 171 40.8 30.7 46.1
 170 26.8 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: 14.04 ng

RT: 13.71 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG017989.D

Acq: 20 Jul 2015 15:16

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-4(0-2)

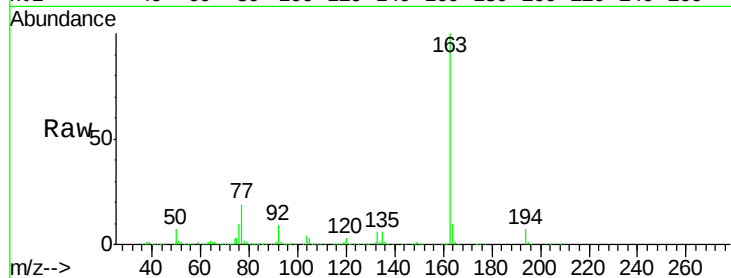
Tgt Ion:163 Resp: 376404

Ion Ratio Lower Upper

163 100

194 6.5 5.8 8.6

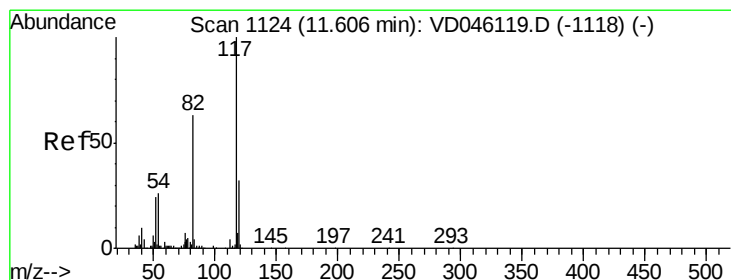
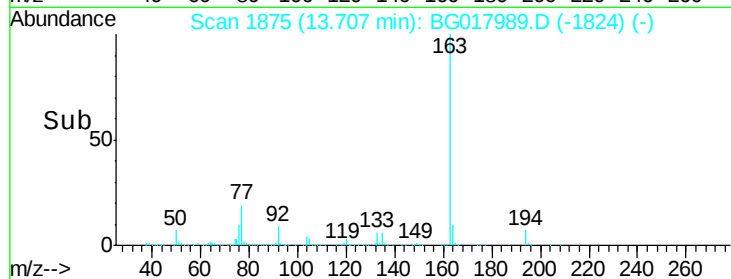
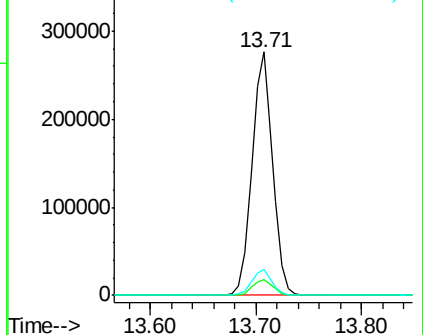
164 10.4 8.3 12.5



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: BG017989.D

Acq: 20 Jul 2015 15:16

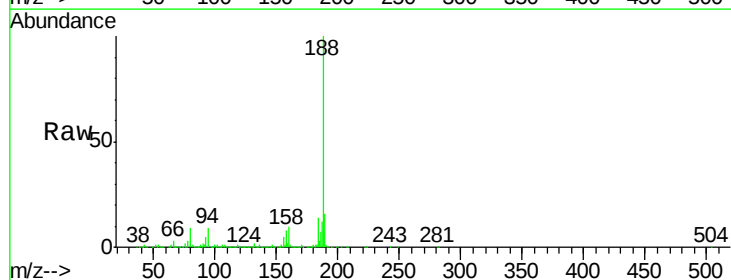
Tgt Ion:188 Resp: 733841

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.2

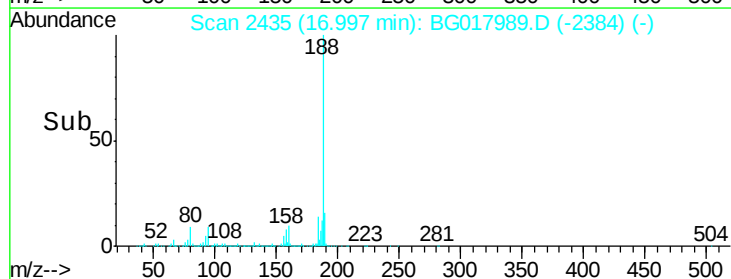
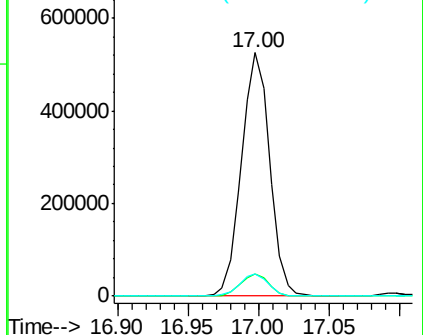
80 9.2 8.2 12.4

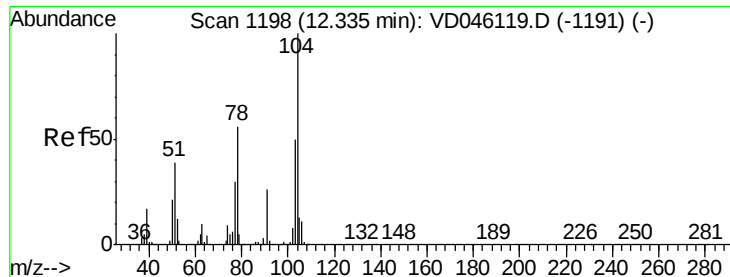


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#70

Phenanthrene

Concen: 1.52 ng

RT: 17.04 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG017989.D

Acq: 20 Jul 2015 15:16

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-4(0-2)

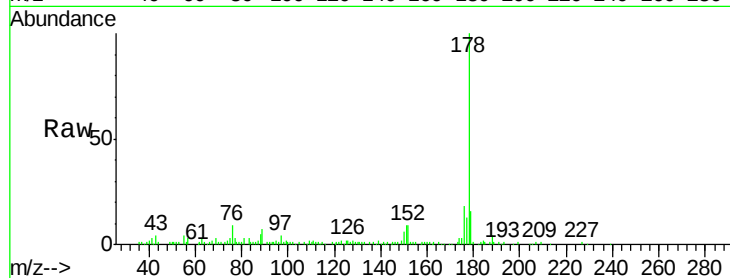
Tgt Ion:178 Resp: 57493

Ion Ratio Lower Upper

178 100

176 18.4 16.5 24.7

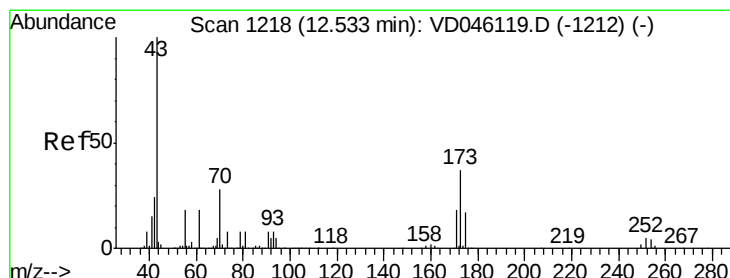
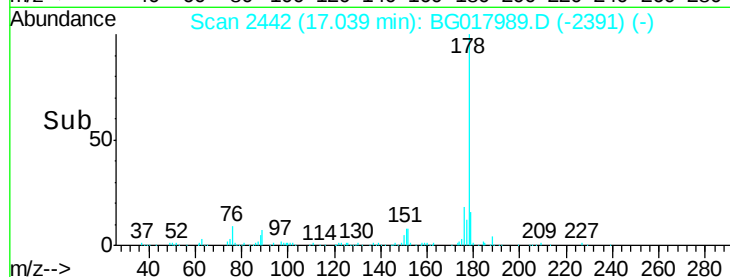
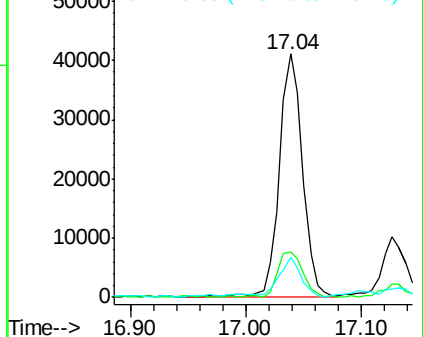
179 16.3 13.5 20.3



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



#71

Anthracene

Concen: 1.56 ng

RT: 17.04 min Scan# 2442

Delta R.T. -0.09 min

Lab File: BG017989.D

Acq: 20 Jul 2015 15:16

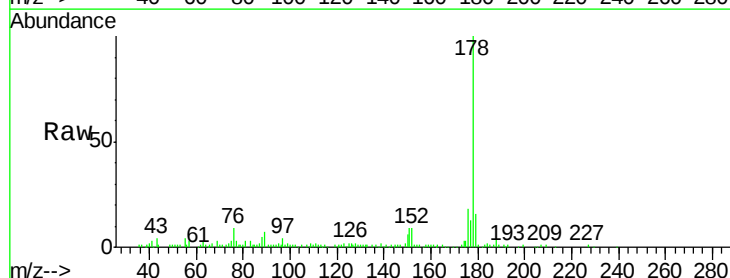
Tgt Ion:178 Resp: 57493

Ion Ratio Lower Upper

178 100

176 18.4 15.2 22.8

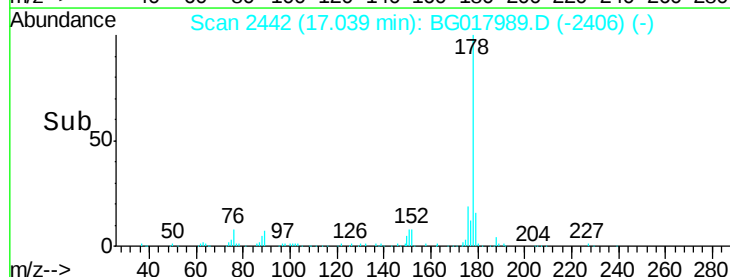
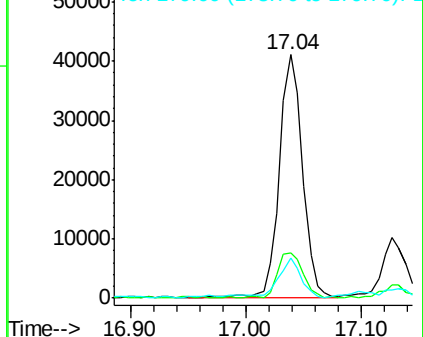
179 16.3 13.6 20.4

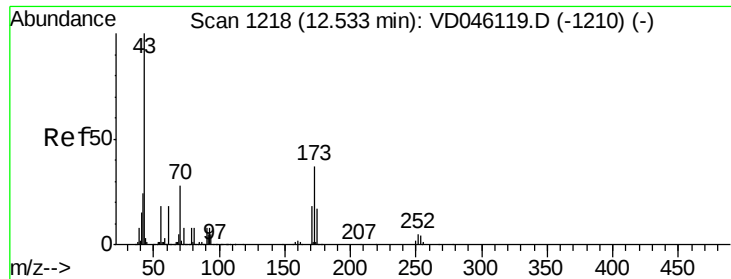


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 2.63 ng

RT: 19.07 min Scan# 2787

Delta R.T. 0.00 min

Lab File: BG017989.D

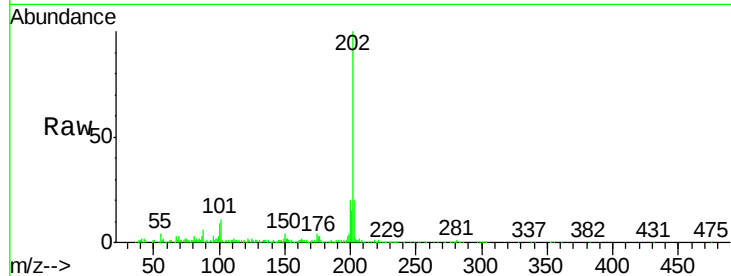
Acq: 20 Jul 2015 15:16

Instrument :

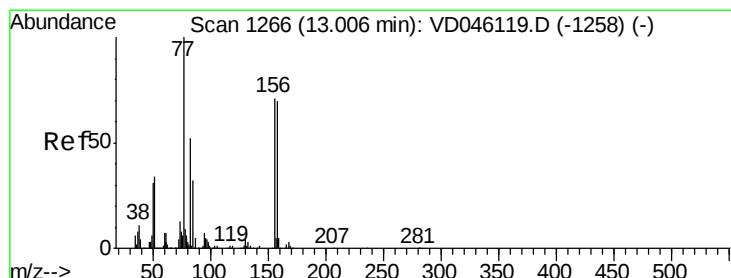
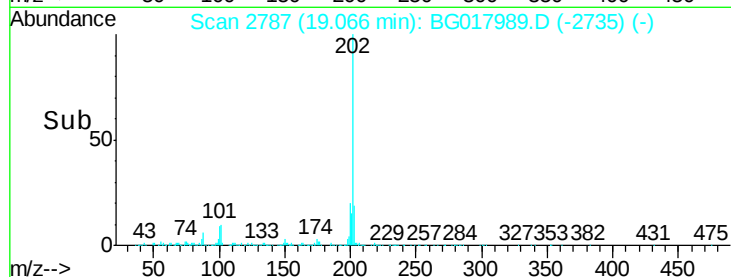
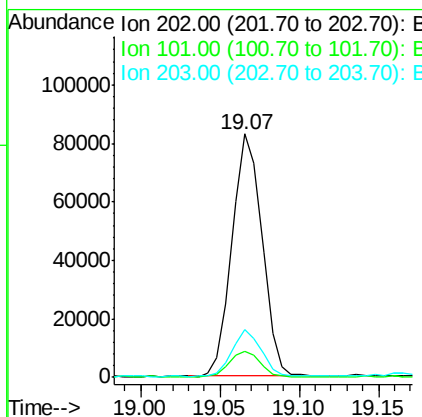
BNA_G

ClientSampleId :

BRIDGE14-4(0-2)



Tgt Ion:	202	Resp:	108977
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	33.3
203	19.6	0.0	39.5



#75

Chrysene-d12

Concen: 20.00 ng

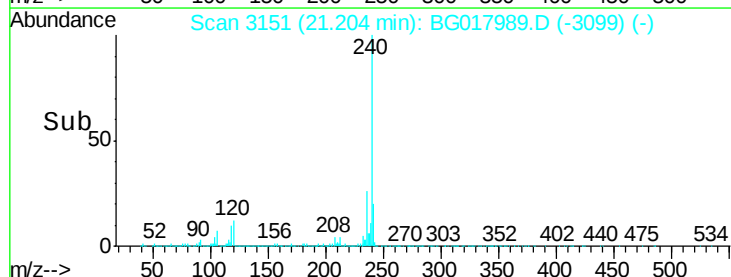
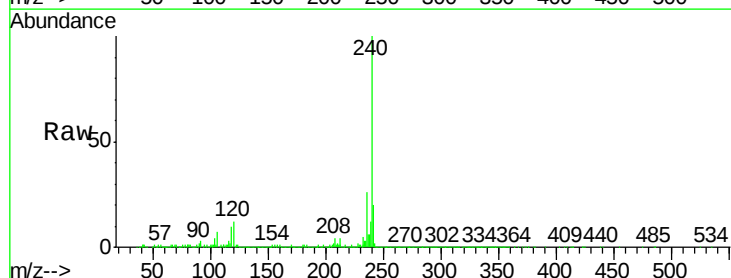
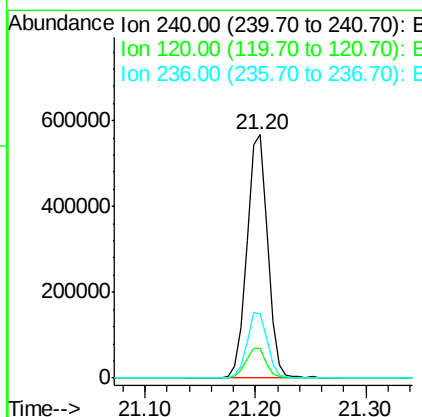
RT: 21.20 min Scan# 3151

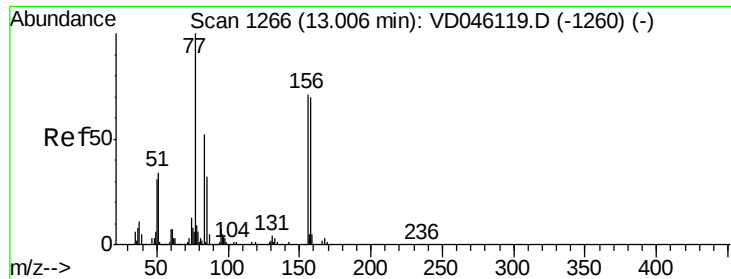
Delta R.T. 0.00 min

Lab File: BG017989.D

Acq: 20 Jul 2015 15:16

Tgt Ion:	240	Resp:	748835
Ion Ratio	Lower	Upper	
240	100		
120	12.0	10.8	16.2
236	26.4	20.0	30.0

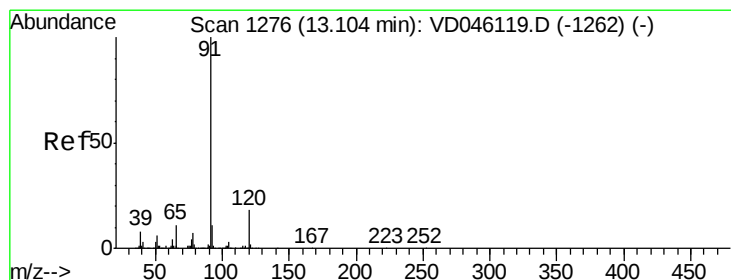
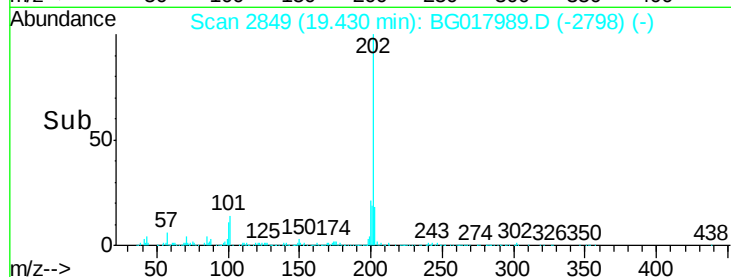
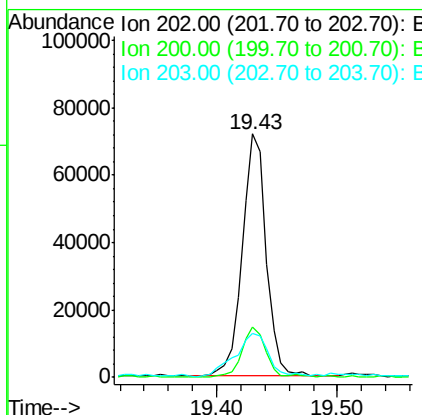
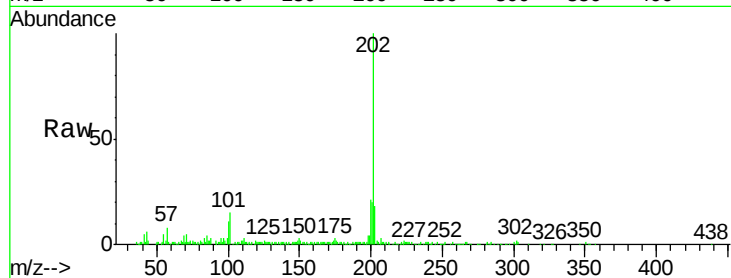




#77
 Pyrene
 Concen: 2.39 ng
 RT: 19.43 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BG017989.D
 Acq: 20 Jul 2015 15:16

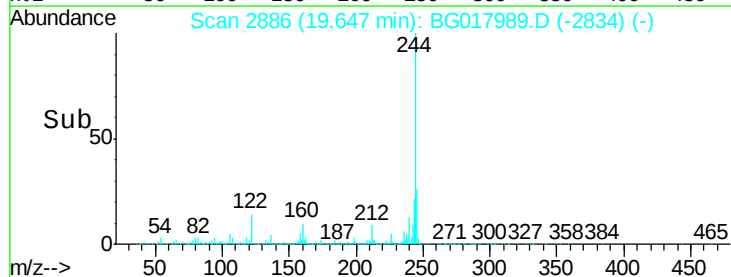
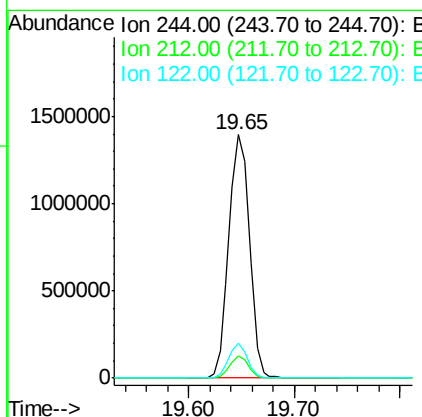
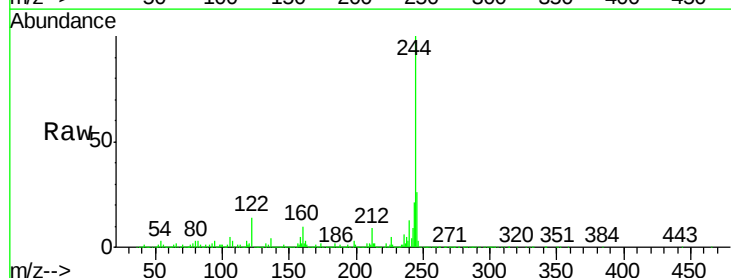
Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-4(0-2)

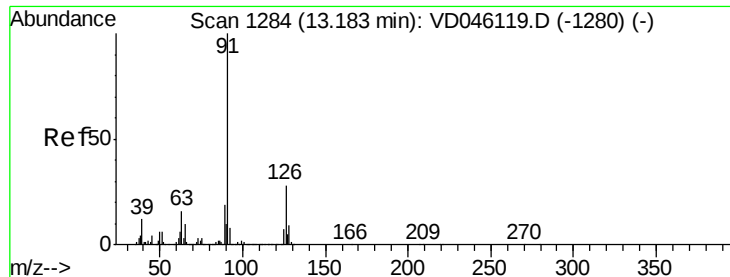
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	18.8	28.2
203	18.1	15.9	23.9



#78
 Terphenyl-d14
 Concen: 2.39 ng
 RT: 19.65 min Scan# 2886
 Delta R.T. 0.00 min
 Lab File: BG017989.D
 Acq: 20 Jul 2015 15:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.2	10.8
122	14.4	12.8	19.2





#79

Butylbenzylphthalate

Concen: 21.56 ng

RT: 20.35 min Scan# 3006

Delta R.T. 0.00 min

Lab File: BG017989.D

Acq: 20 Jul 2015 15:16

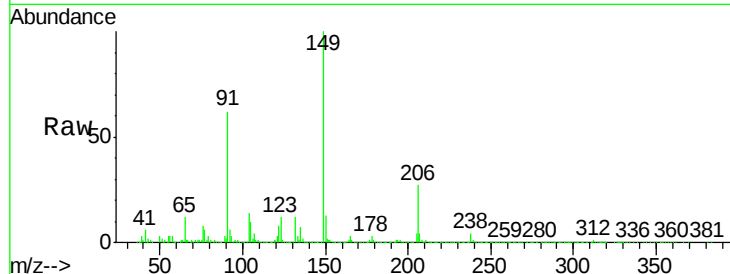
Instrument :

BNA_G

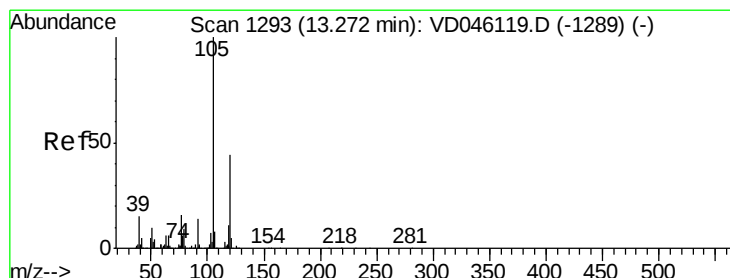
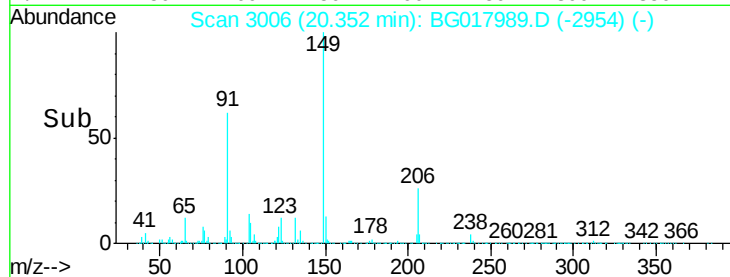
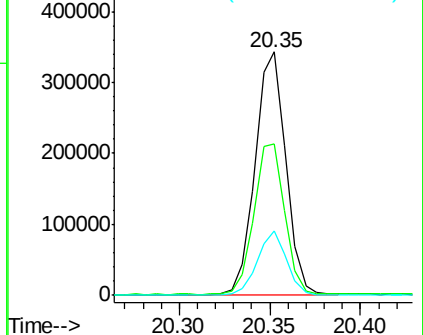
ClientSampleId :

BRIDGE14-4(0-2)

Tgt Ion:	149	Resp:	403215
Ion Ratio	Lower	Upper	
149	100		
91	62.3	59.5	89.3
206	26.5	18.5	27.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 1.41 ng

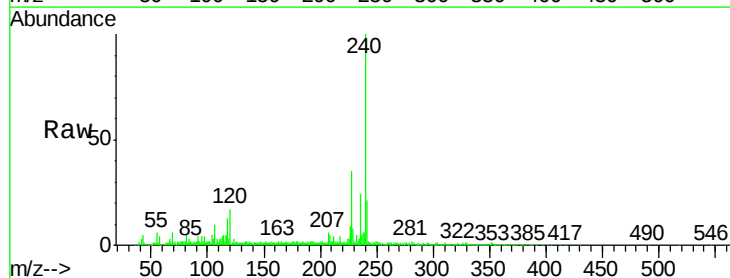
RT: 21.19 min Scan# 3148

Delta R.T. 0.00 min

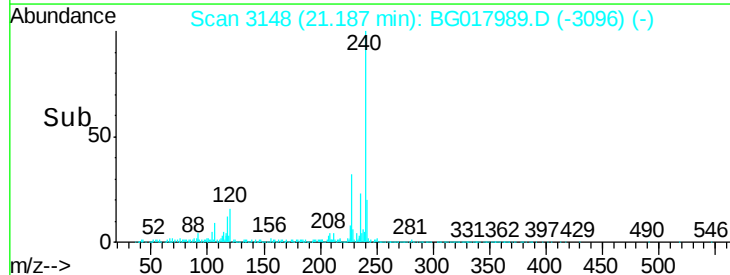
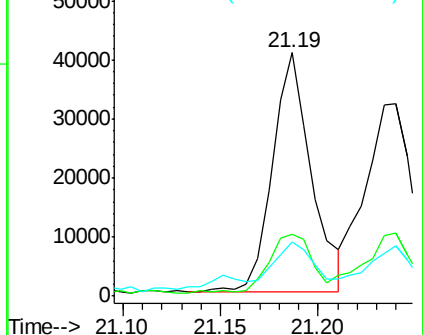
Lab File: BG017989.D

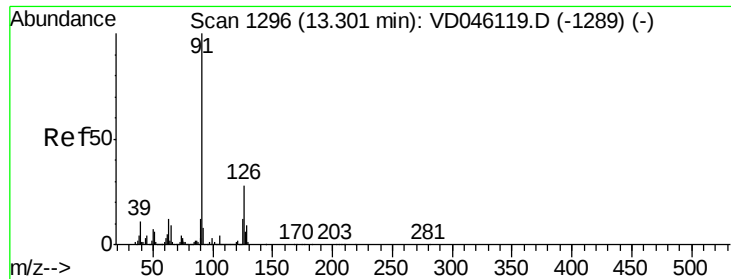
Acq: 20 Jul 2015 15:16

Tgt Ion:	228	Resp:	55607
Ion Ratio	Lower	Upper	
228	100		
226	25.4	23.1	34.7
229	22.1	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: 1.40 ng

RT: 21.24 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG017989.D

Acq: 20 Jul 2015 15:16

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-4(0-2)

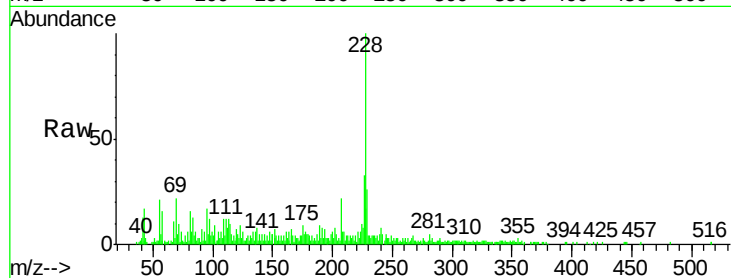
Tgt Ion:228 Resp: 52572

Ion Ratio Lower Upper

228 100

226 32.9 26.1 39.1

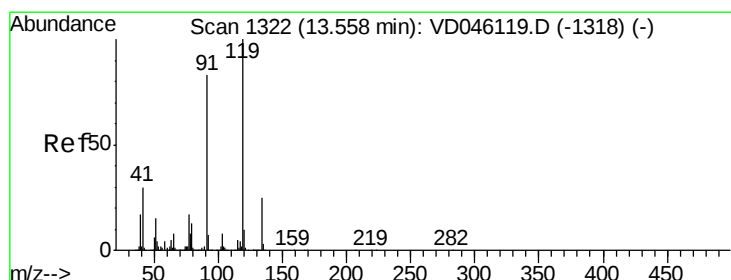
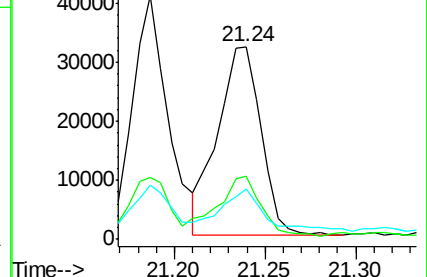
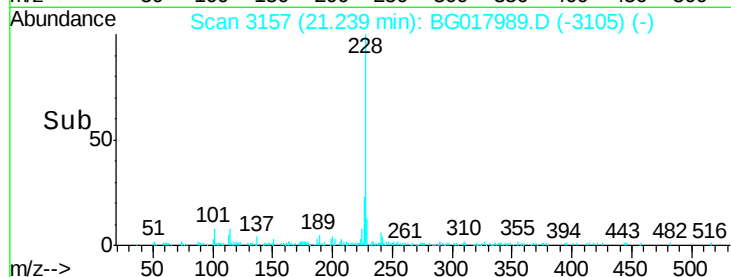
229 26.3 17.7 26.5



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.39 ng

RT: 21.13 min Scan# 3139

Delta R.T. 0.00 min

Lab File: BG017989.D

Acq: 20 Jul 2015 15:16

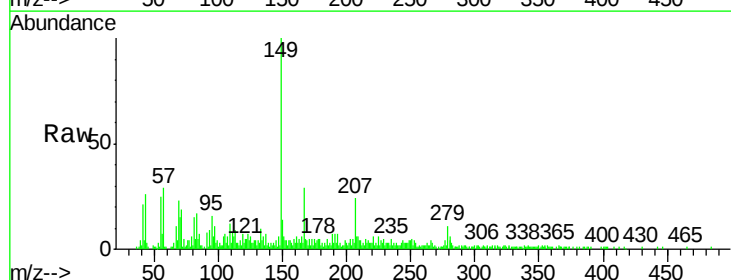
Tgt Ion:149 Resp: 35920

Ion Ratio Lower Upper

149 100

167 28.9 26.6 39.8

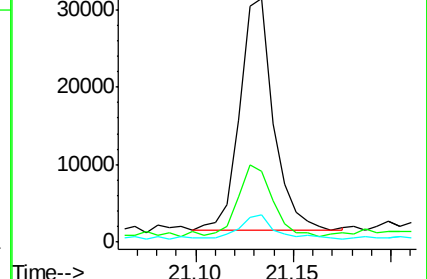
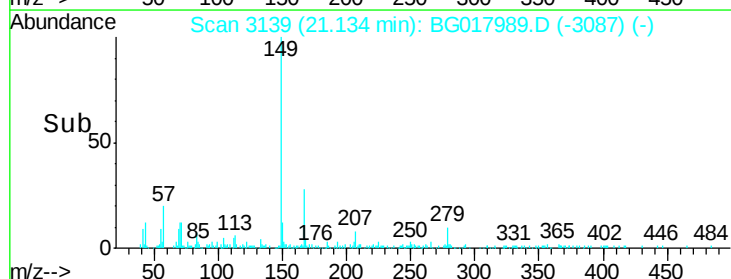
279 11.4 6.9 10.3#

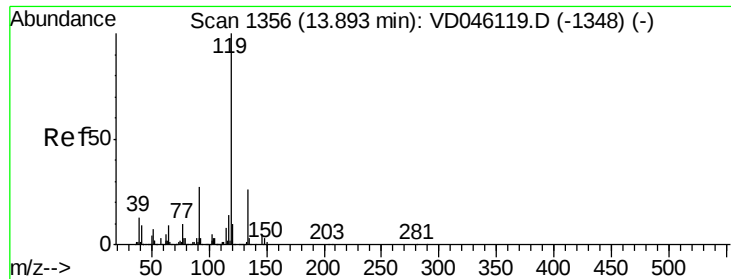


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

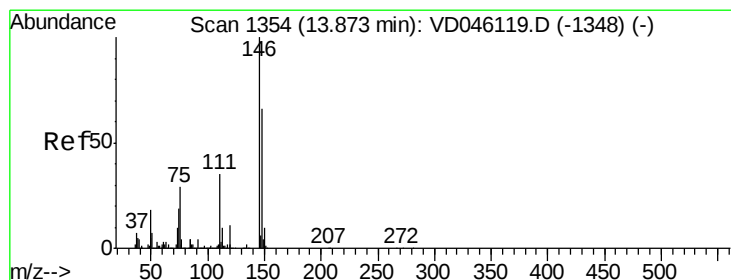
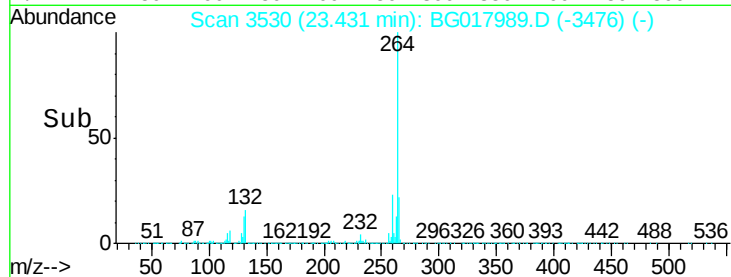
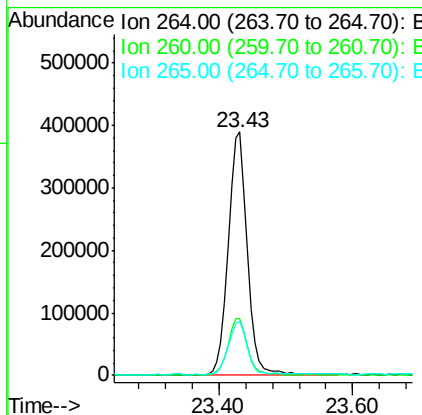
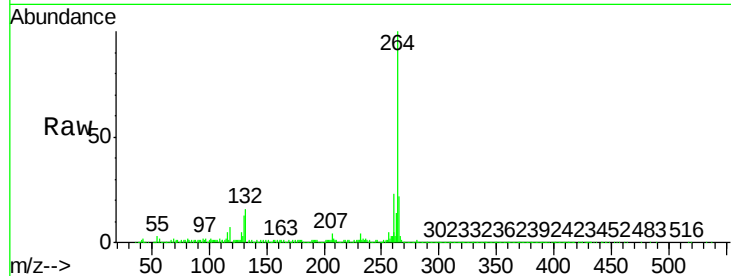




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.43 min Scan# 3530
Delta R.T. 0.01 min
Lab File: BG017989.D
Acq: 20 Jul 2015 15:16

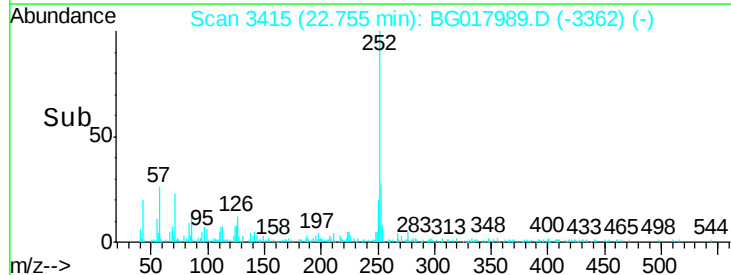
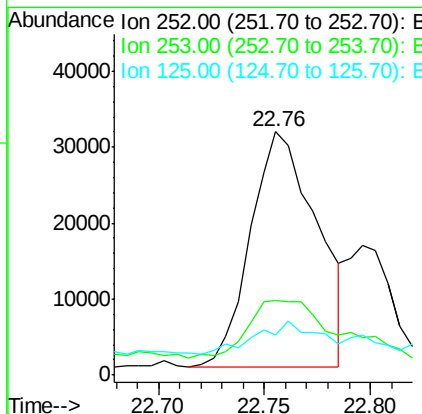
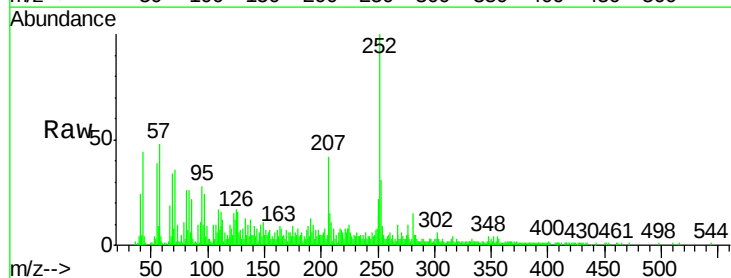
Instrument :
BNA_G
ClientSampleId :
BRIDGE14-4(0-2)

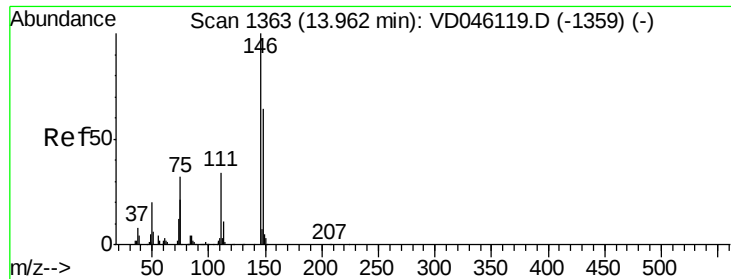
Tgt Ion:264 Resp: 783461
Ion Ratio Lower Upper
264 100
260 23.3 18.6 27.8
265 22.1 18.2 27.2



#87
Benzo(b)fluoranthene
Concen: 1.58 ng
RT: 22.76 min Scan# 3415
Delta R.T. 0.01 min
Lab File: BG017989.D
Acq: 20 Jul 2015 15:16

Tgt Ion:252 Resp: 67920
Ion Ratio Lower Upper
252 100
253 30.7 19.7 29.5#
125 16.6 10.6 15.8#





#88

Benzo(k)fluoranthene

Concen: 1.59 ng

RT: 22.76 min Scan# 3415

Delta R.T. -0.04 min

Lab File: BG017989.D

Acq: 20 Jul 2015 15:16

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-4(0-2)

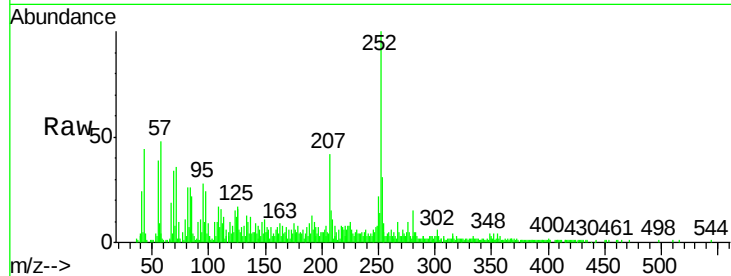
Tgt Ion:252 Resp: 67920

Ion Ratio Lower Upper

252 100

253 30.7 19.0 28.6#

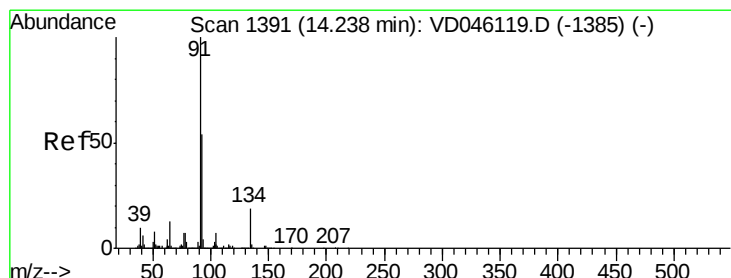
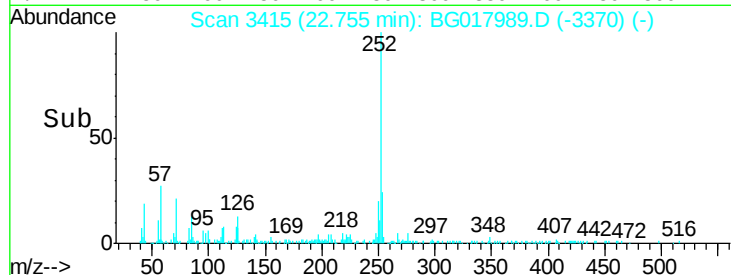
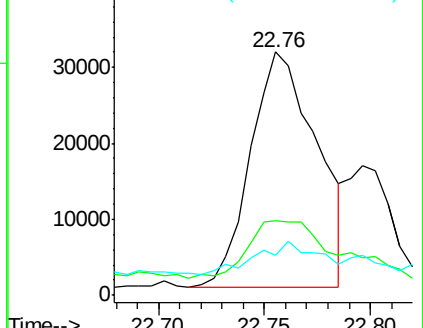
125 16.6 10.3 15.5#



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



#89

Benzo(a)pyrene

Concen: 1.26 ng

RT: 23.33 min Scan# 3512

Delta R.T. 0.01 min

Lab File: BG017989.D

Acq: 20 Jul 2015 15:16

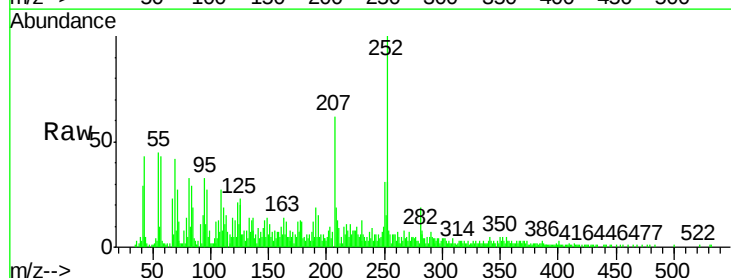
Tgt Ion:252 Resp: 50489

Ion Ratio Lower Upper

252 100

253 31.2 19.0 28.6#

125 22.6 11.1 16.7#



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

