

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072015\
 Data File : BG017986.D
 Acq On : 20 Jul 2015 13:29
 Operator : TP/UM
 Sample : G2976-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-10(0-2)

Quant Time: Jul 20 17:17:01 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	165083	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	707926	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	412511	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	793776	20.00	ng	0.00
75) Chrysene-d12	21.20	240	804571	20.00	ng	0.00
86) Perylene-d12	23.42	264	826396	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	1110257	117.32	ng	0.01
7) Phenol-d6	6.77	99	1445315	116.58	ng	0.00
23) Nitrobenzene-d5	8.74	82	857894	78.49	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	535438	128.12	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	1614748	67.83	ng	0.00
78) Terphenyl-d14	19.64	244	1775684	55.59	ng	0.00

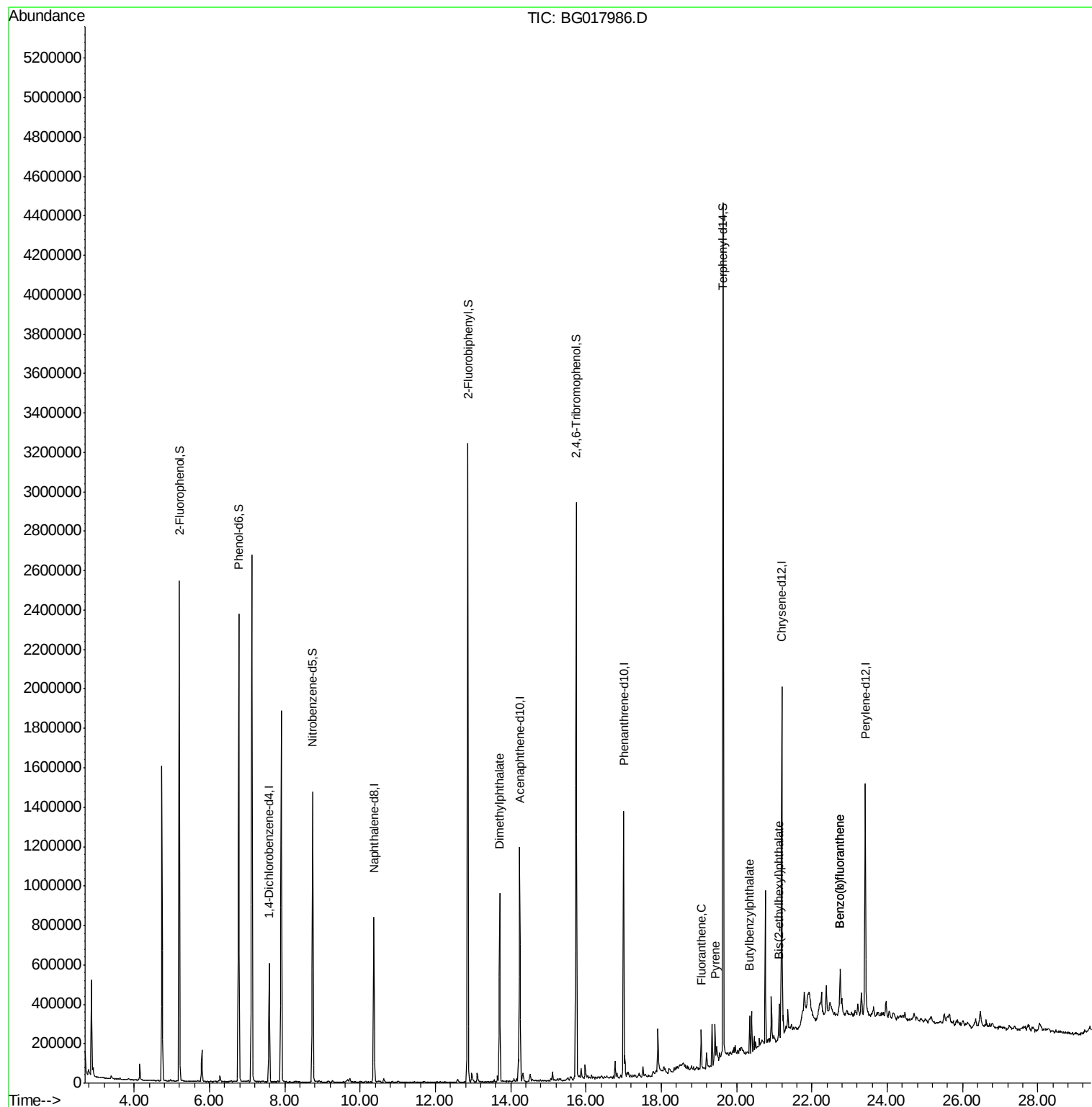
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
32) Benzoic acid	9.68	122	1555	Below Cal	#	50
49) Dimethylphthalate	13.71	163	610312	21.30	ng	99
69) Pentachlorophenol	16.69	266	123	Below Cal	#	18
74) Fluoranthene	19.06	202	113703	2.54	ng	95
77) Pyrene	19.43	202	103830	2.31	ng	96
79) Butylbenzylphthalate	20.35	149	60790	3.02	ng	86
83) Bis(2-ethylhexyl)phthalate	21.13	149	68193	2.46	ng	97
87) Benzo(b)fluoranthene	22.74	252	110059	2.43	ng	# 95
88) Benzo(k)fluoranthene	22.74	252	110059	2.44	ng	# 93

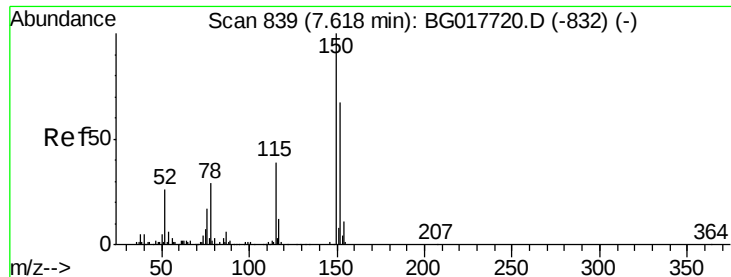
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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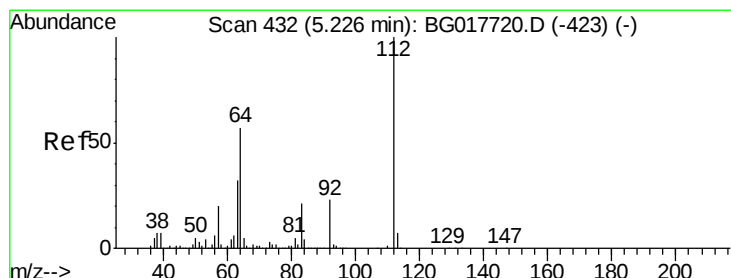
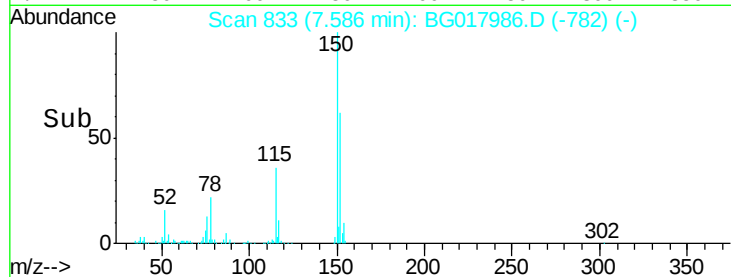
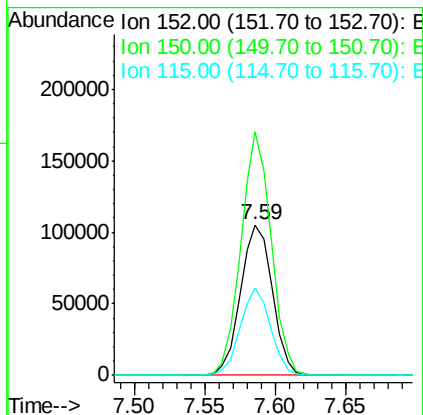
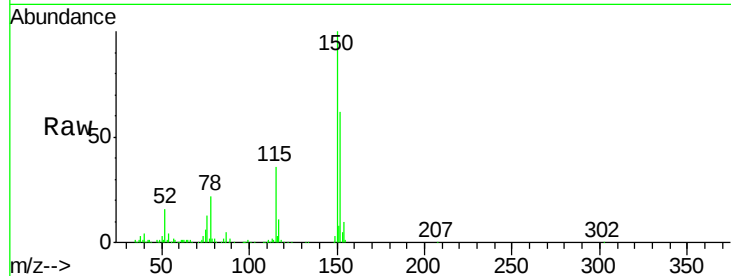


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.59 min Scan# 833
Delta R.T. -0.00 min
Lab File: BG017986.D
Acq: 20 Jul 2015 13:29

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-10(0-2)

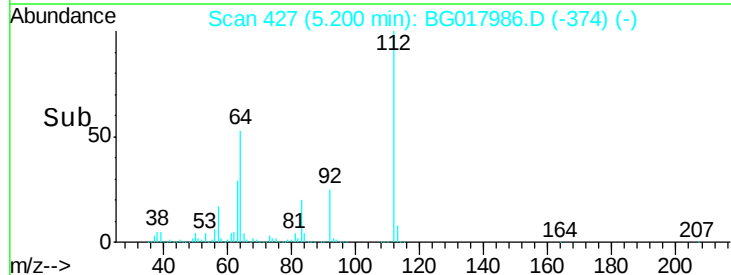
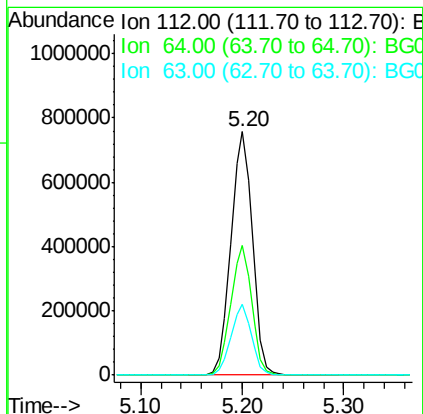
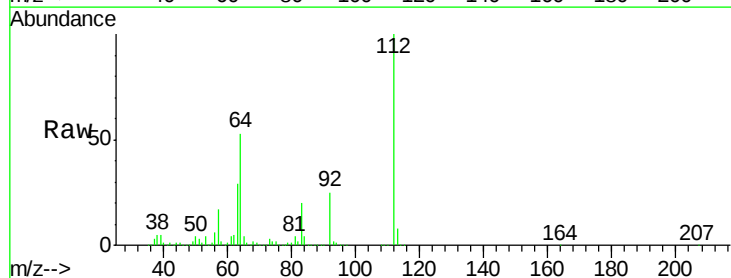
Tgt Ion:152 Resp: 165083
Ion Ratio Lower Upper
152 100
150 162.0 119.1 178.7
115 58.5 47.0 70.4

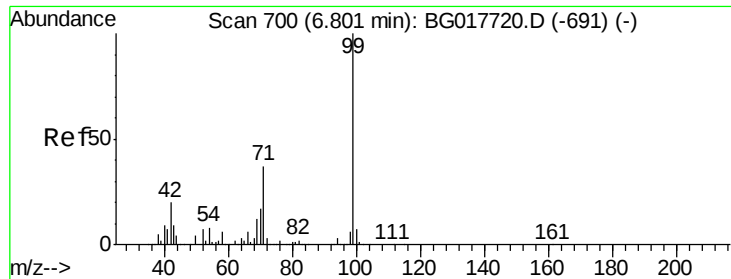


#5

2-Fluorophenol
Concen: 117.32 ng
RT: 5.20 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG017986.D
Acq: 20 Jul 2015 13:29

Tgt Ion:112 Resp: 1110257
Ion Ratio Lower Upper
112 100
64 53.4 45.4 68.0
63 29.0 25.3 37.9





#7

Phenol-d6

Concen: 116.58 ng

RT: 6.77 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG017986.D

Acq: 20 Jul 2015 13:29

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-10(0-2)

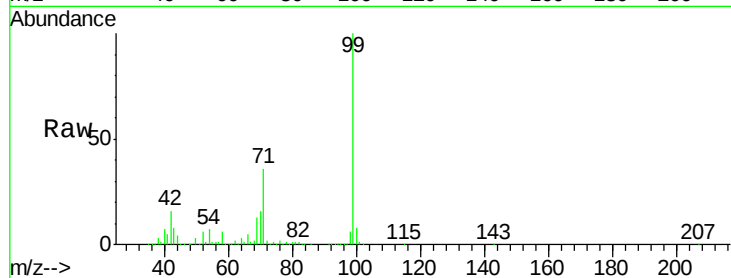
Tgt Ion: 99 Resp: 1445315

Ion Ratio Lower Upper

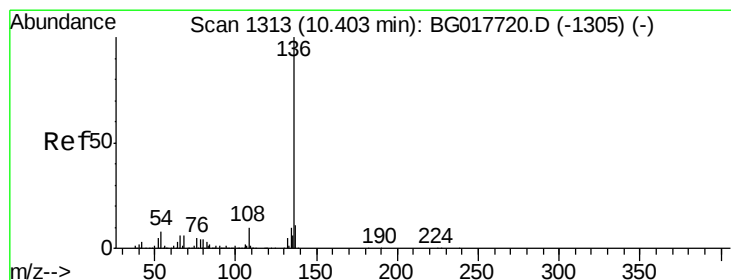
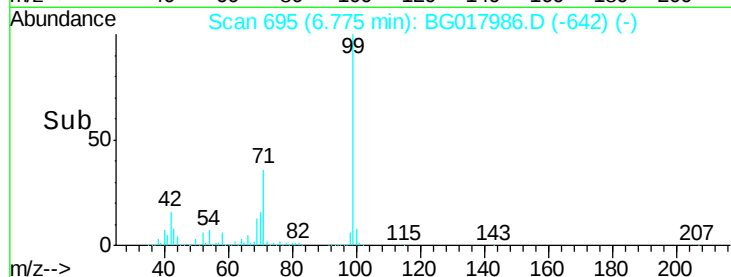
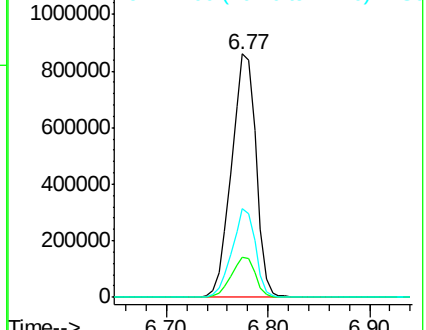
99 100

42 16.3 16.2 24.4

71 36.3 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: 10.36 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BG017986.D

Acq: 20 Jul 2015 13:29

Tgt Ion: 136 Resp: 707926

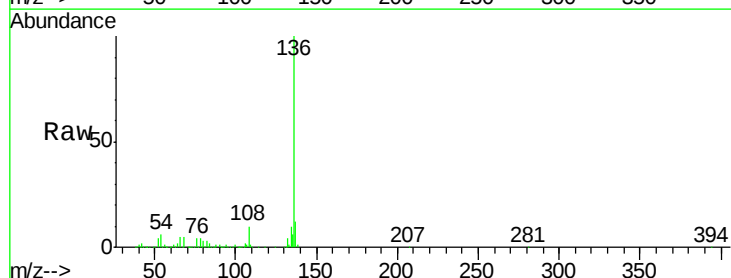
Ion Ratio Lower Upper

136 100

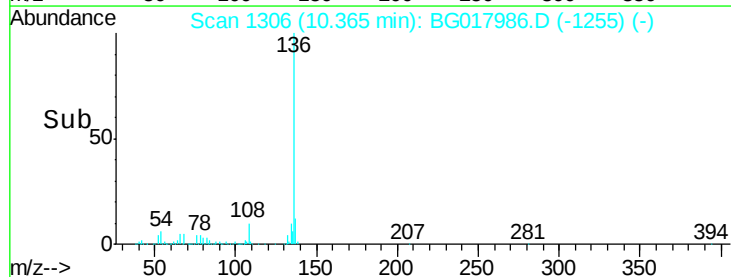
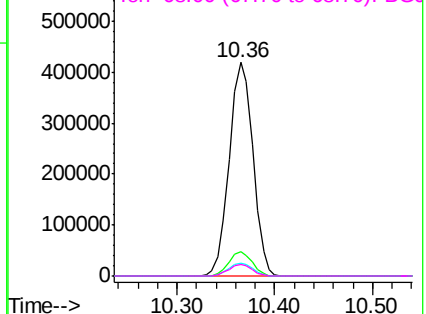
137 11.6 8.8 13.2

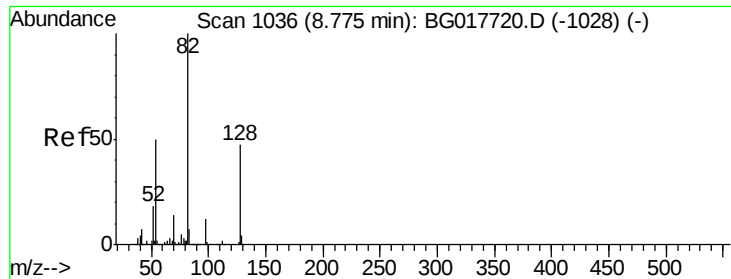
54 6.1 6.6 9.8#

68 5.5 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

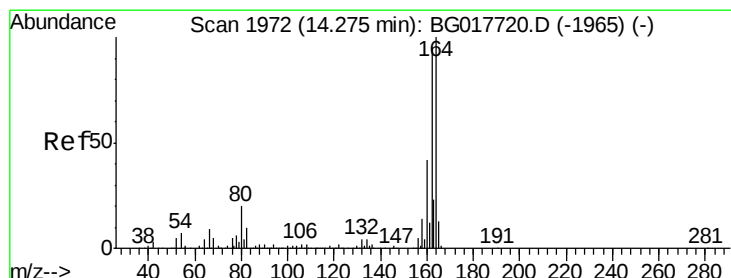
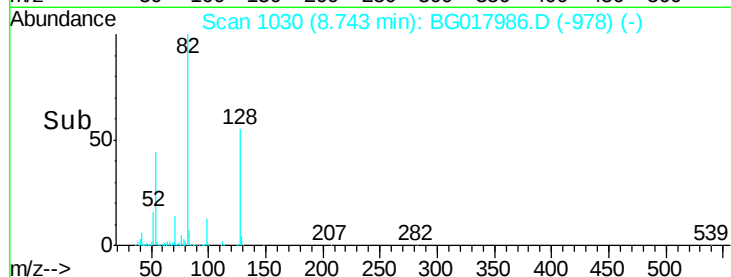
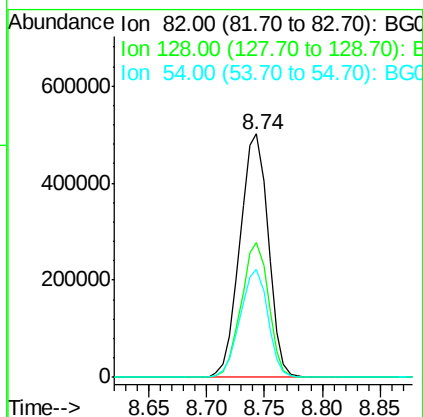
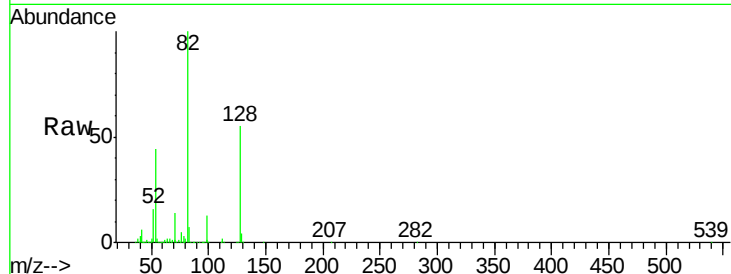




#23
Nitrobenzene-d5
Concen: 78.49 ng
RT: 8.74 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BG017986.D
Acq: 20 Jul 2015 13:29

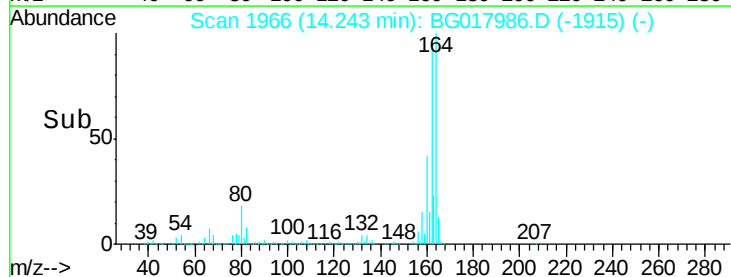
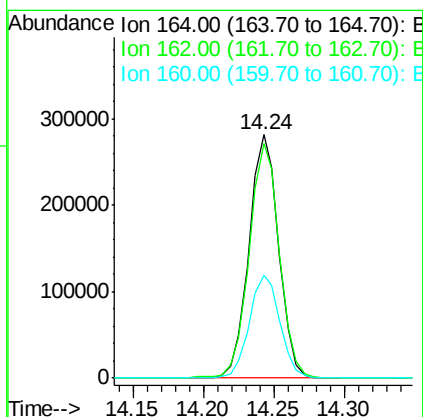
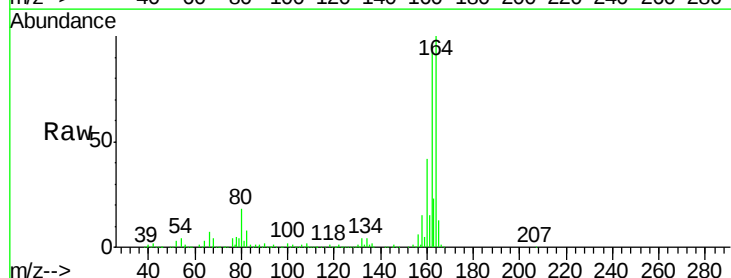
Instrument :
BNA_G
ClientSampleId :
BRIDGE14-10(0-2)

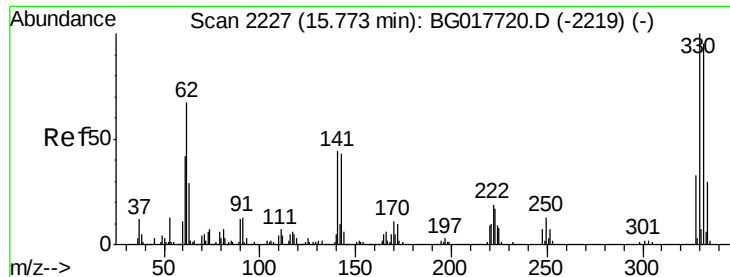
Tgt Ion	Ratio	Lower	Upper
82	100		
128	55.2	37.8	56.6
54	44.4	39.9	59.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.24 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG017986.D
Acq: 20 Jul 2015 13:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.5	76.3	114.5
160	42.0	33.7	50.5

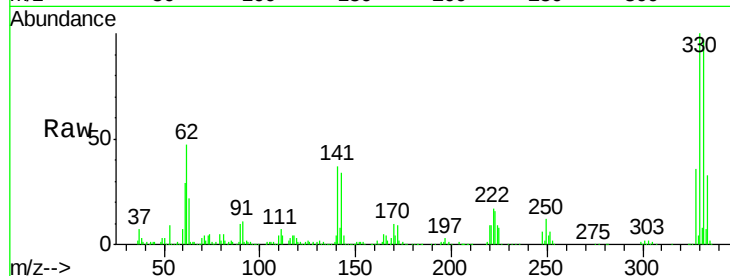




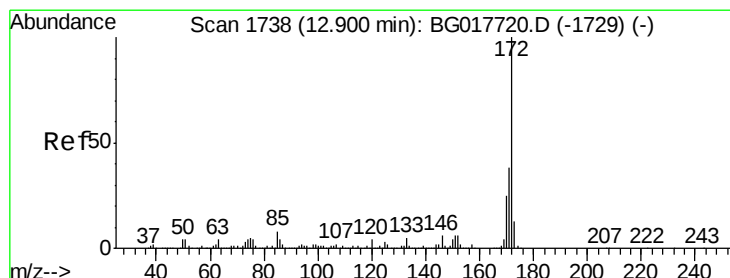
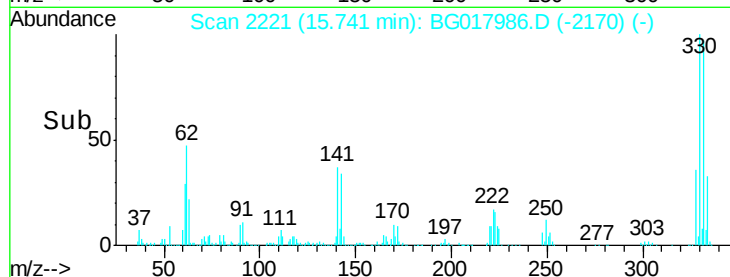
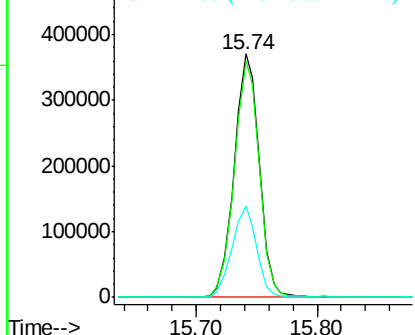
#41
 2,4,6-Tribromophenol
 Concen: 128.12 ng
 RT: 15.74 min Scan# 2221
 Delta R.T. -0.00 min
 Lab File: BG017986.D
 Acq: 20 Jul 2015 13:29

Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-10(0-2)

Tgt Ion:330 Resp: 535438
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.8 115.2
 141 37.0 38.0 57.0#

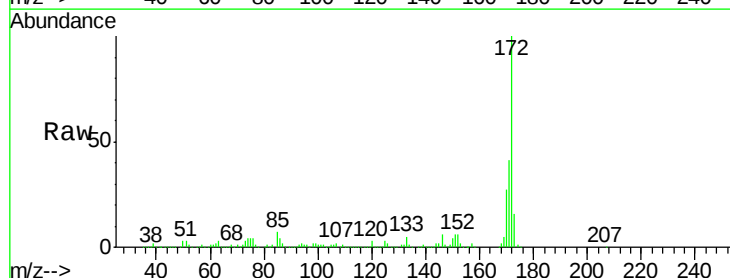


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

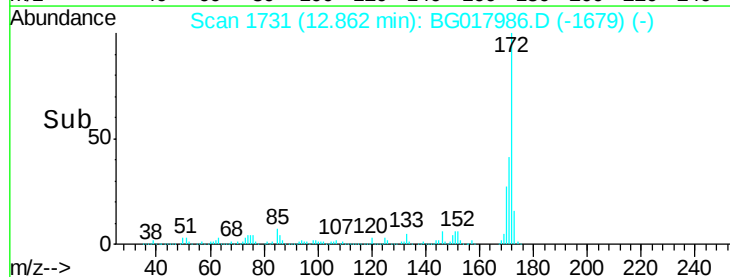
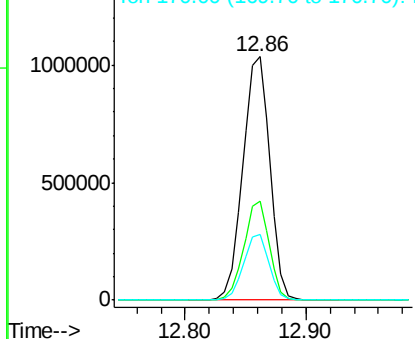


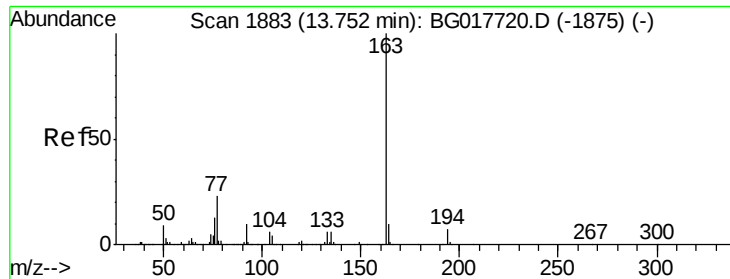
#44
 2-Fluorobiphenyl
 Concen: 67.83 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BG017986.D
 Acq: 20 Jul 2015 13:29

Tgt Ion:172 Resp: 1614748
 Ion Ratio Lower Upper
 172 100
 171 40.6 30.7 46.1
 170 27.0 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

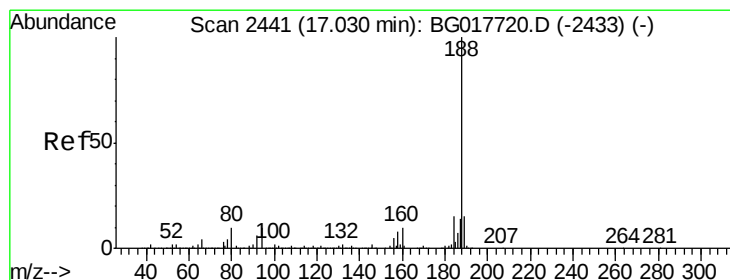
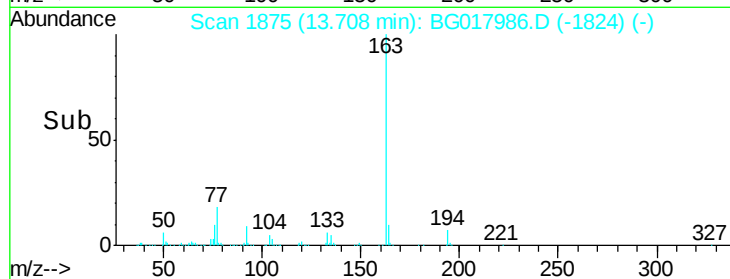
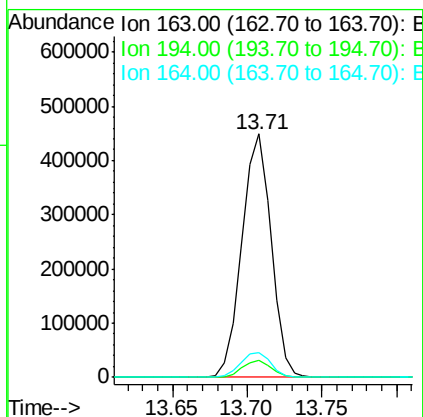
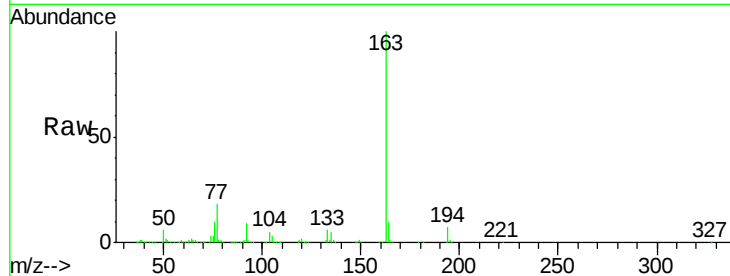




#49
Dimethylphthalate
Concen: 21.30 ng
RT: 13.71 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG017986.D
Acq: 20 Jul 2015 13:29

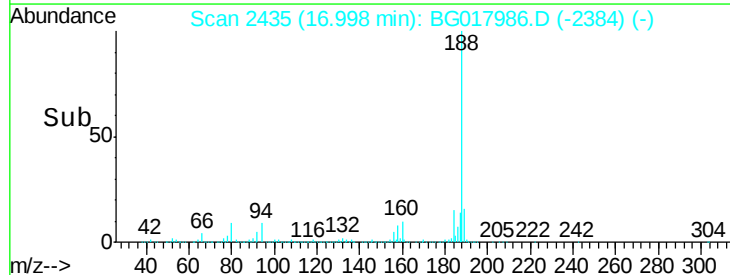
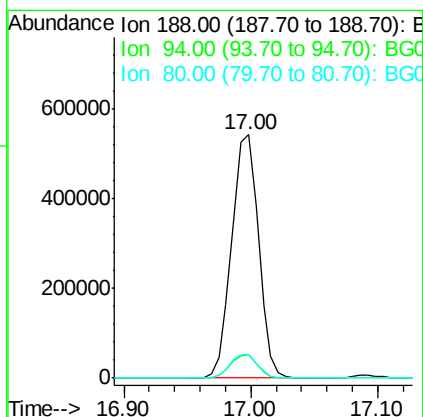
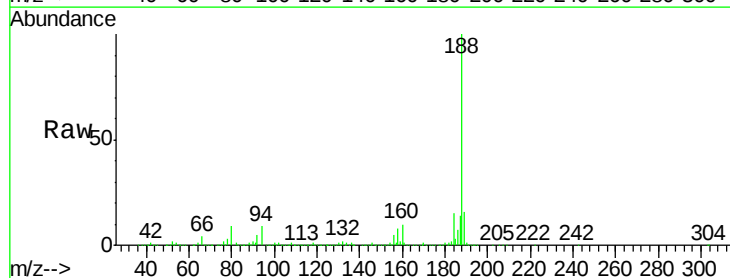
Instrument :
BNA_G
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BRIDGE14-10(0-2)

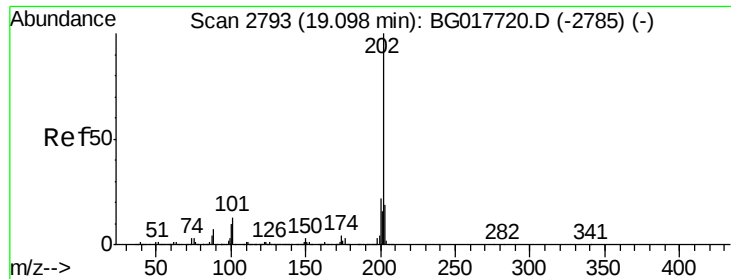
Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.9	5.8	8.6
164	10.2	8.3	12.5



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.00 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG017986.D
Acq: 20 Jul 2015 13:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.2
80	9.5	8.2	12.4





#74

Fluoranthene

Concen: 2.54 ng

RT: 19.06 min Scan# 2786

Delta R.T. -0.00 min

Lab File: BG017986.D

Acq: 20 Jul 2015 13:29

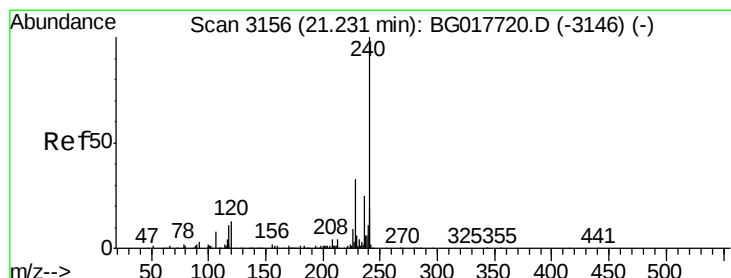
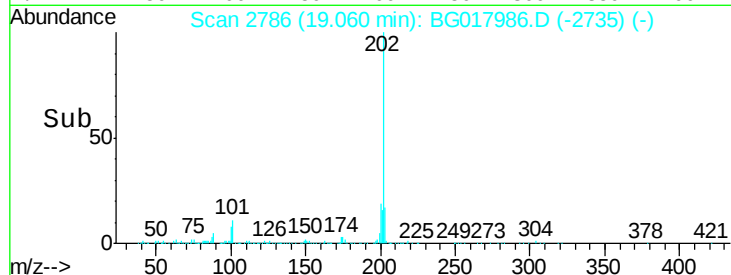
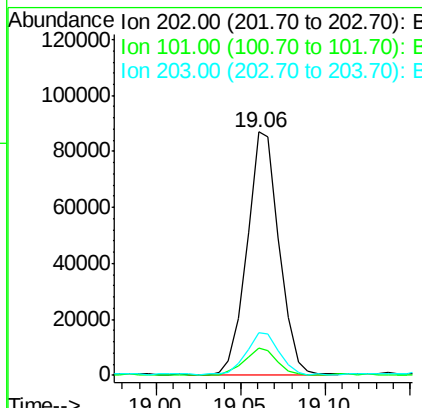
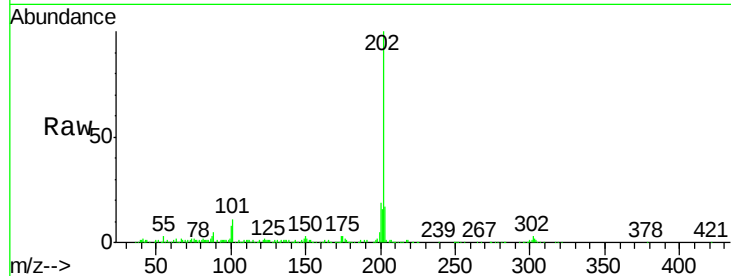
Instrument :

BNA_G

ClientSampleId :

BRIDGE14-10(0-2)

Tgt Ion:	202	Resp:	113703
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	33.3
203	17.5	0.0	39.5



#75

Chrysene-d12

Concen: 20.00 ng

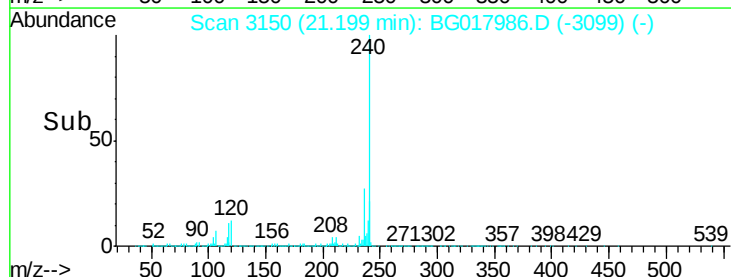
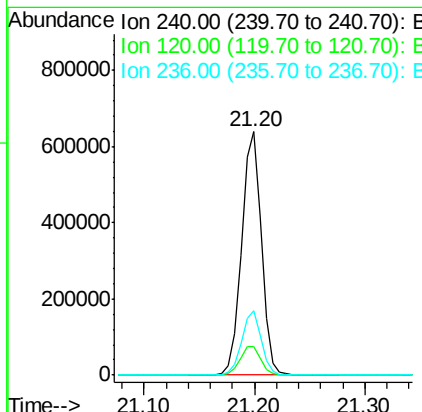
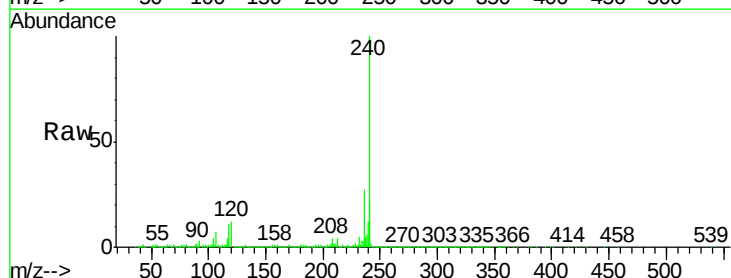
RT: 21.20 min Scan# 3150

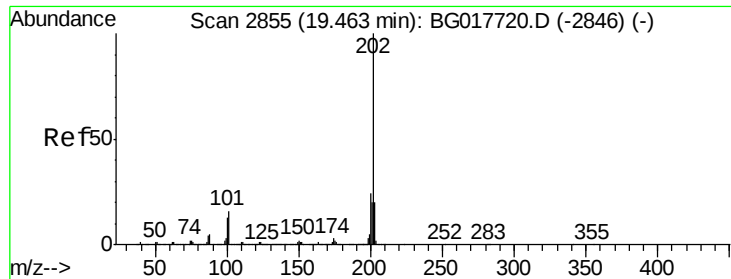
Delta R.T. -0.00 min

Lab File: BG017986.D

Acq: 20 Jul 2015 13:29

Tgt Ion:	240	Resp:	804571
Ion	Ratio	Lower	Upper
240	100		
120	11.6	10.8	16.2
236	26.6	20.0	30.0

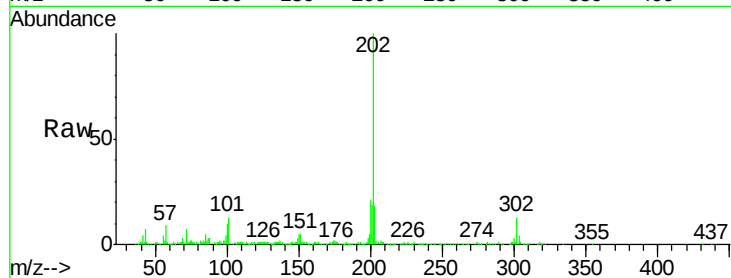




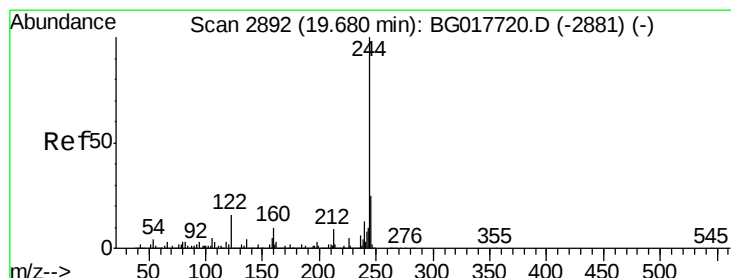
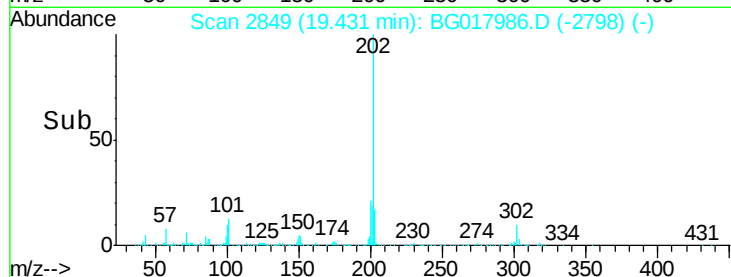
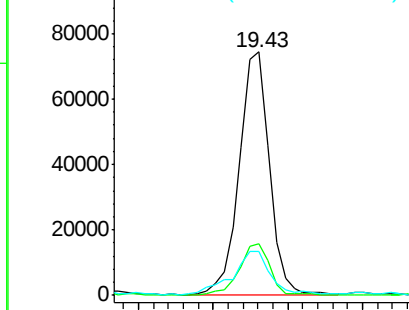
#77
 Pyrene
 Concen: 2.31 ng
 RT: 19.43 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BG017986.D
 Acq: 20 Jul 2015 13:29

Instrument :
 BNA_G
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 BRIDGE14-10(0-2)

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	18.8	28.2
203	17.9	15.9	23.9

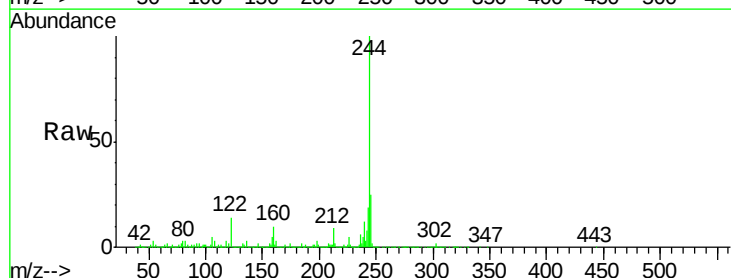


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

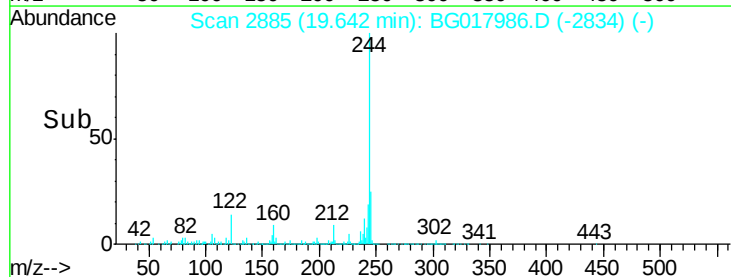
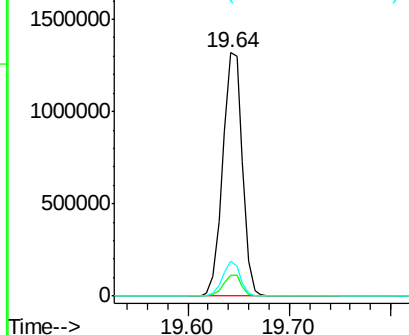


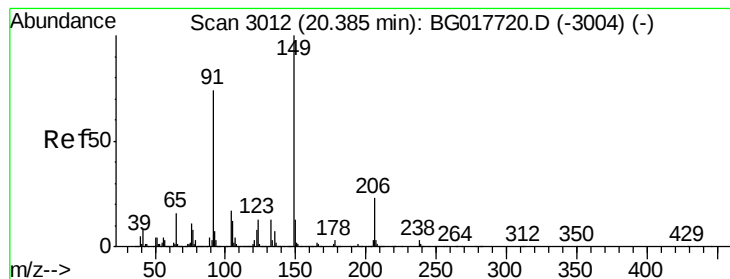
#78
 Terphenyl-d14
 Concen: 55.59 ng
 RT: 19.64 min Scan# 2885
 Delta R.T. -0.00 min
 Lab File: BG017986.D
 Acq: 20 Jul 2015 13:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.2	10.8
122	14.4	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





#79

Butylbenzylphthalate

Concen: 3.02 ng

RT: 20.35 min Scan# 3005

Delta R.T. -0.00 min

Lab File: BG017986.D

Acq: 20 Jul 2015 13:29

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-10(0-2)

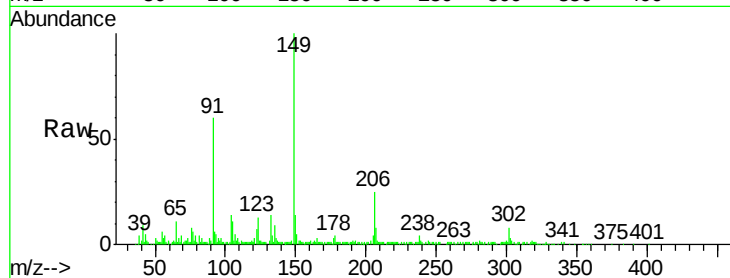
Tgt Ion:149 Resp: 60790

Ion Ratio Lower Upper

149 100

91 59.6 59.5 89.3

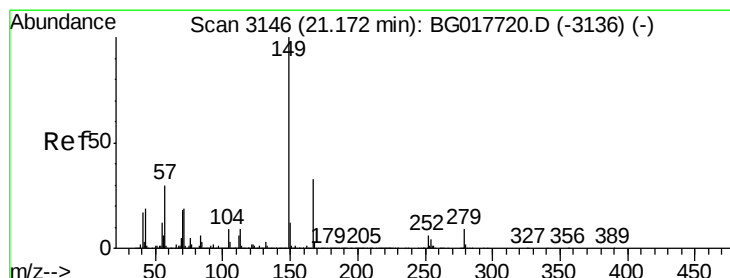
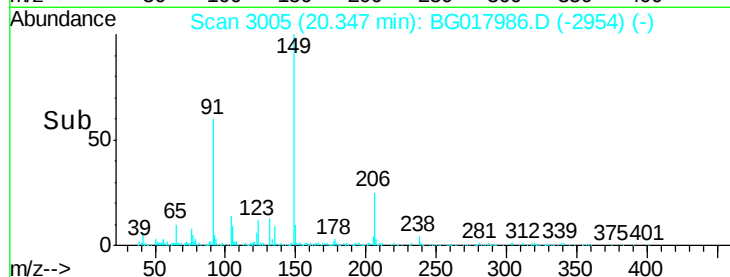
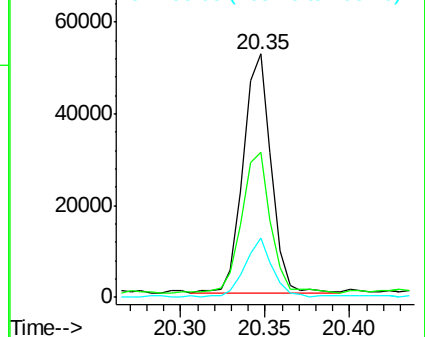
206 24.6 18.5 27.7



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.46 ng

RT: 21.13 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG017986.D

Acq: 20 Jul 2015 13:29

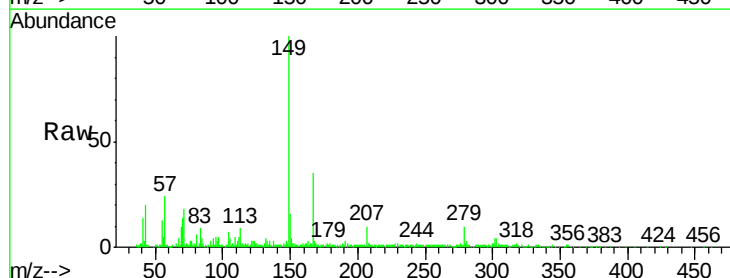
Tgt Ion:149 Resp: 68193

Ion Ratio Lower Upper

149 100

167 34.7 26.6 39.8

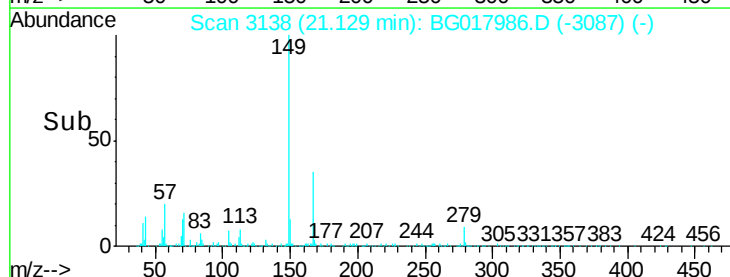
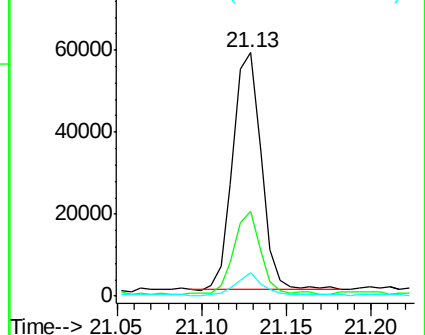
279 9.9 6.9 10.3

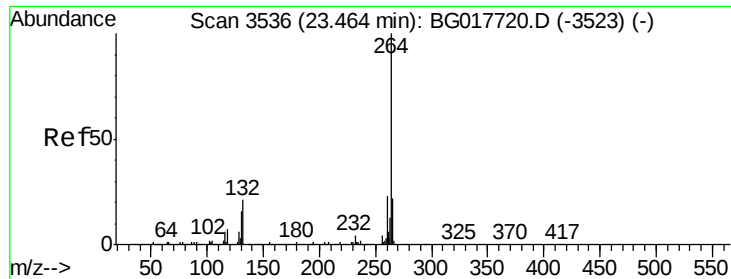


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

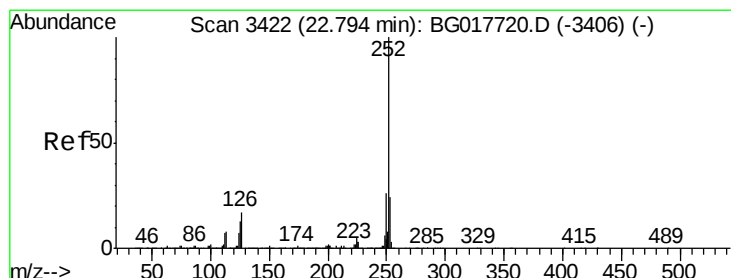
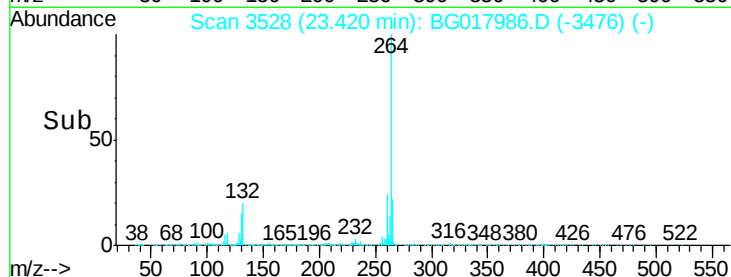
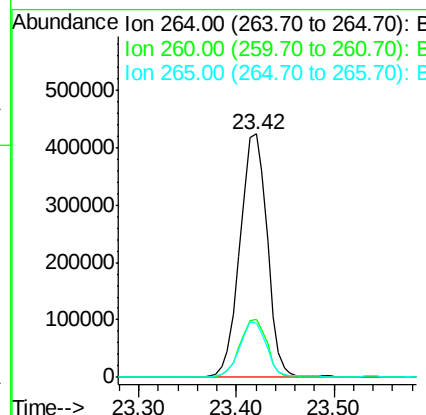
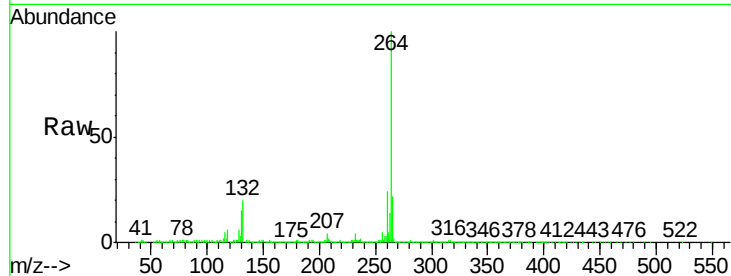




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.42 min Scan# 3528
Delta R.T. 0.00 min
Lab File: BG017986.D
Acq: 20 Jul 2015 13:29

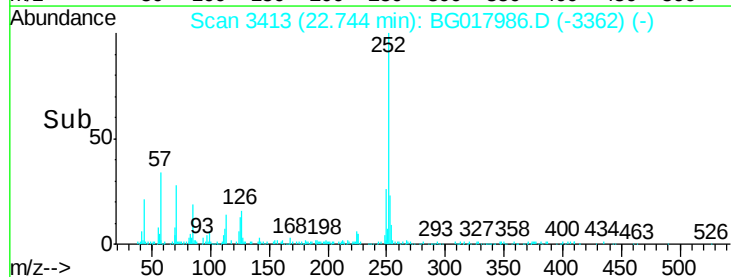
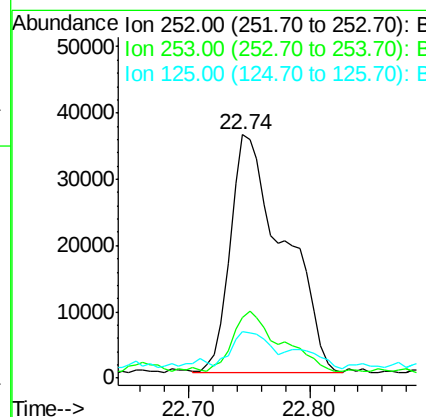
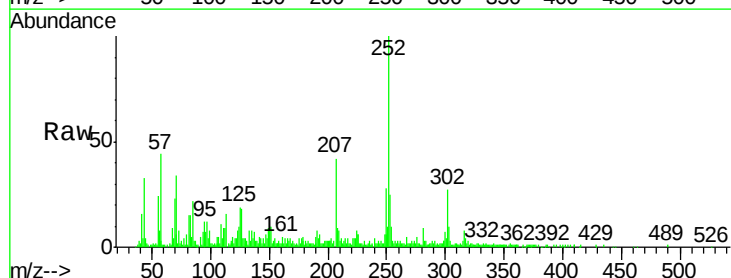
Instrument :
BNA_G
ClientSampleId :
BRIDGE14-10(0-2)

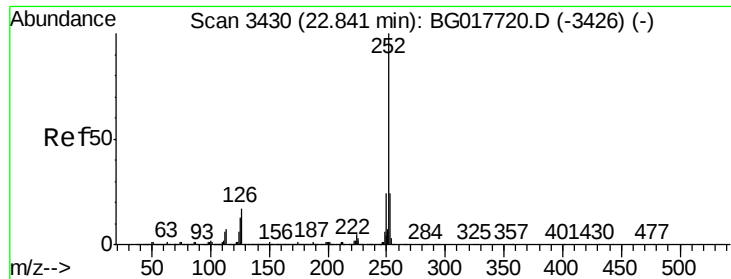
Tgt Ion:264 Resp: 826396
Ion Ratio Lower Upper
264 100
260 24.0 18.6 27.8
265 22.3 18.2 27.2



#87
Benzo(b)fluoranthene
Concen: 2.43 ng
RT: 22.74 min Scan# 3413
Delta R.T. -0.00 min
Lab File: BG017986.D
Acq: 20 Jul 2015 13:29

Tgt Ion:252 Resp: 110059
Ion Ratio Lower Upper
252 100
253 24.7 19.7 29.5
125 19.3 10.6 15.8#





#88

Benzo(k)fluoranthene

Concen: 2.44 ng

RT: 22.74 min Scan# 3413

Delta R.T. -0.05 min

Lab File: BG017986.D

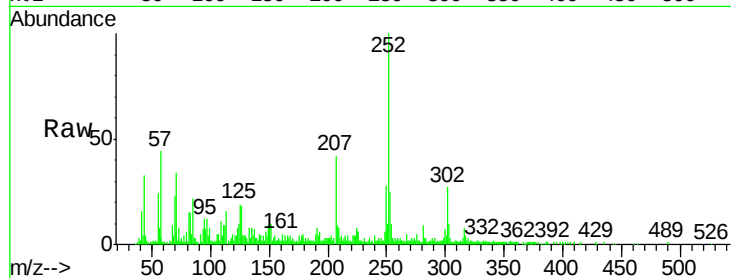
Acq: 20 Jul 2015 13:29

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-10(0-2)



Tgt Ion:	252	Resp:	110059
Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.0	28.6
125	19.3	10.3	15.5#

