

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
 Data File : BG022986.D
 Acq On : 10 Jul 2016 5:29
 Operator : UM/SJ
 Sample : H3915-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P7-B4-0-6-C

Quant Time: Jul 11 02:34:26 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

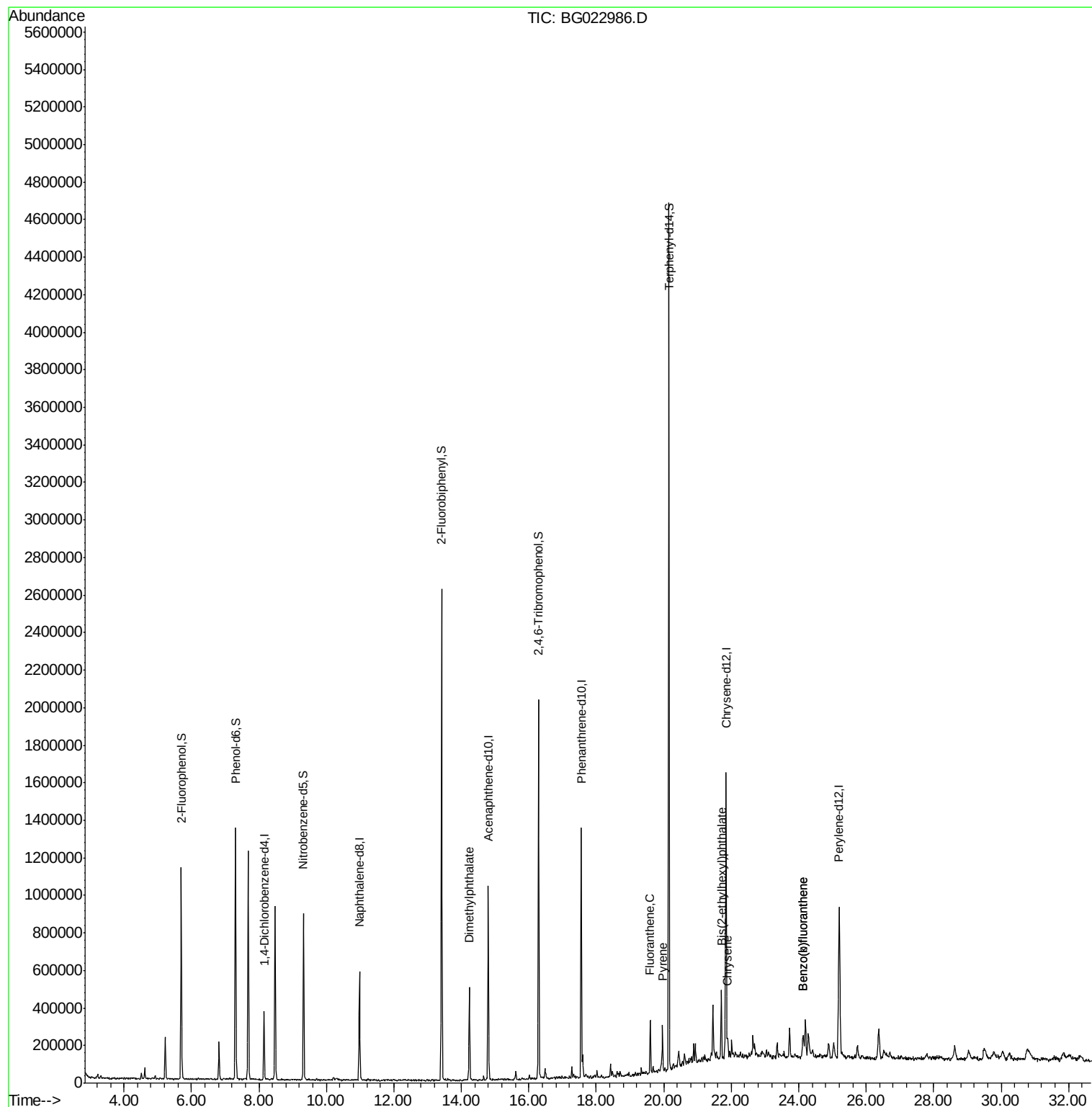
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	97543	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	452617	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	346675	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	822142	20.00	ng	0.00
75) Chrysene-d12	21.85	240	890896	20.00	ng	0.00
86) Perylene-d12	25.20	264	910841	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	446610	74.88	ng	0.00
7) Phenol-d6	7.31	99	747369	80.01	ng	0.00
23) Nitrobenzene-d5	9.32	82	557652	52.76	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	377324	60.56	ng	-0.01
44) 2-Fluorobiphenyl	13.42	172	1285927	58.43	ng	0.00
78) Terphenyl-d14	20.16	244	1900838	60.47	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.24	163	321192	11.34	ng	98
74) Fluoranthene	19.60	202	181951	3.68	ng	96
77) Pyrene	19.96	202	151555	3.03	ng	# 89
82) Chrysene	21.89	228	103210	2.21	ng	97
83) Bis(2-ethylhexyl)phthalate	21.71	149	153103	5.56	ng	# 97
87) Benzo(b)fluoranthene	24.13	252	154252	2.94	ng	# 93
88) Benzo(k)fluoranthene	24.13	252	154252	3.09	ng	# 93

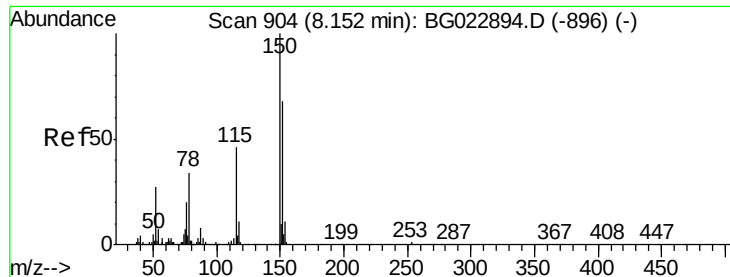
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. 0.00 min

Lab File: BG022986.D

Acq: 10 Jul 2016 5:29

Instrument :

BNA_G

ClientSampleId :

P7-B4-0-6-C

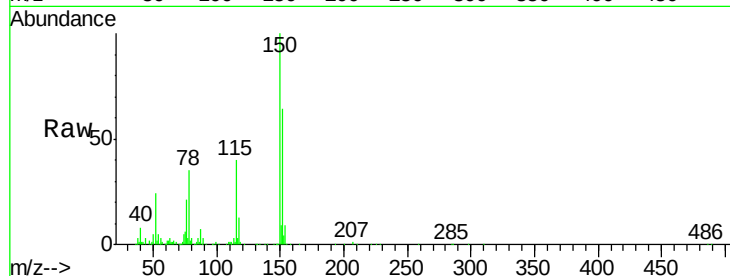
Tgt Ion:152 Resp: 97543

Ion Ratio Lower Upper

152 100

150 155.1 144.7 217.1

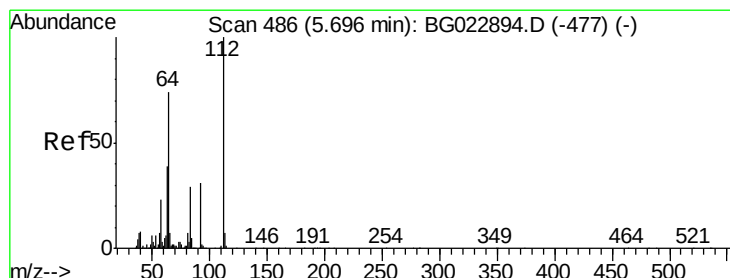
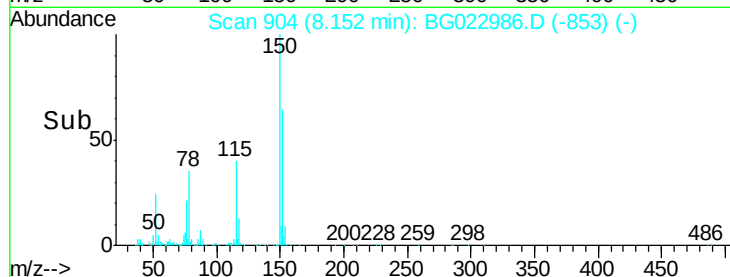
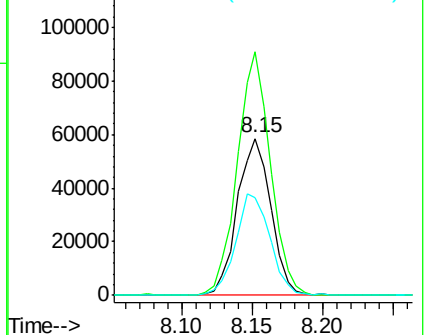
115 62.5 64.0 96.0#



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: 74.88 ng

RT: 5.70 min Scan# 486

Delta R.T. 0.00 min

Lab File: BG022986.D

Acq: 10 Jul 2016 5:29

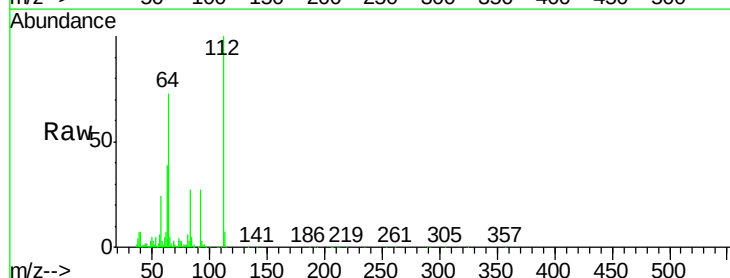
Tgt Ion:112 Resp: 446610

Ion Ratio Lower Upper

112 100

64 72.6 59.0 88.4

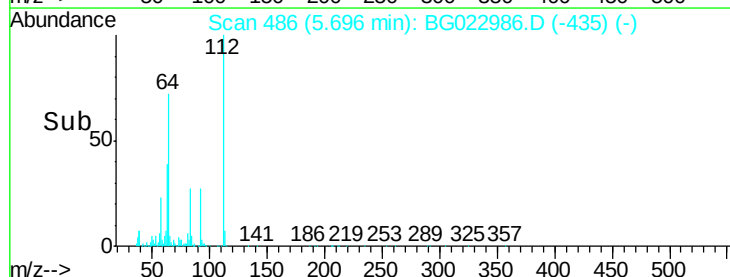
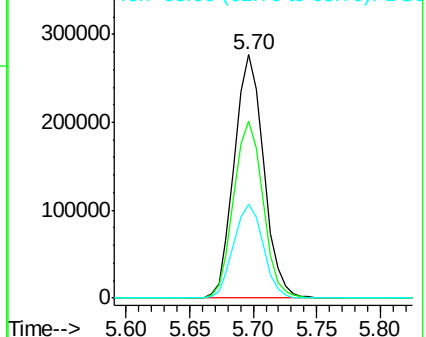
63 38.8 37.8 56.8

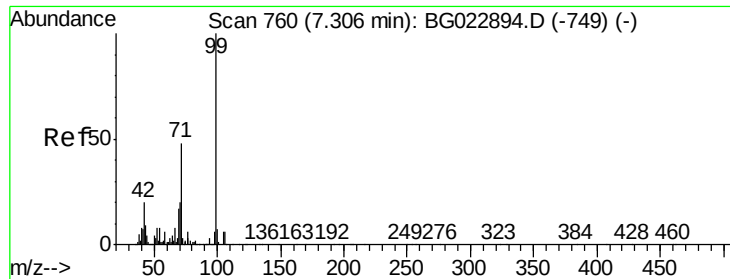


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 80.01 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022986.D

Acq: 10 Jul 2016 5:29

Instrument :

BNA_G

ClientSampleId :

P7-B4-0-6-C

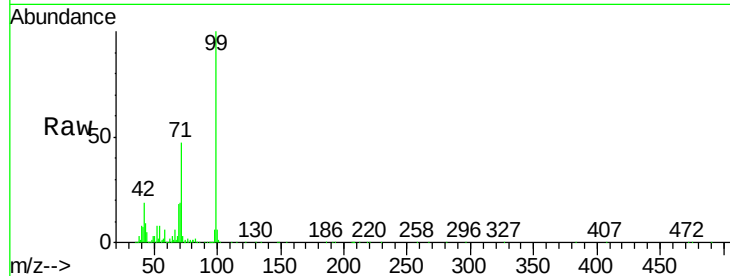
Tgt Ion: 99 Resp: 747369

Ion Ratio Lower Upper

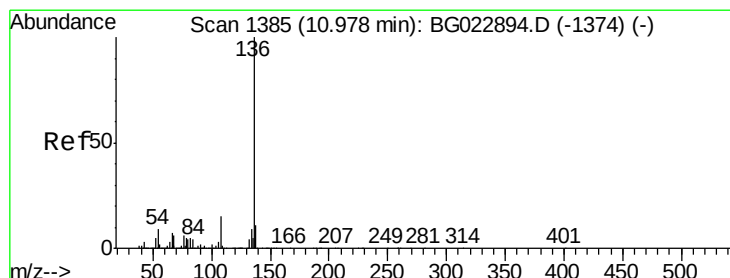
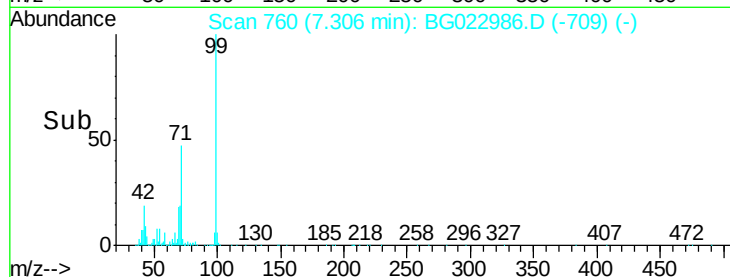
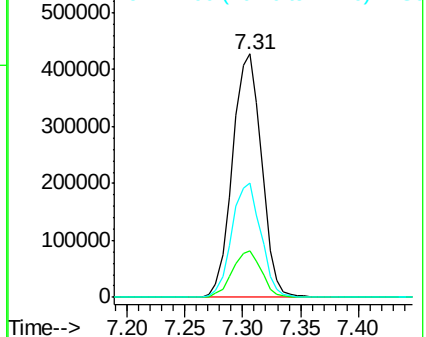
99 100

42 19.3 17.8 26.6

71 47.2 41.5 62.3



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: 10.98 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BG022986.D

Acq: 10 Jul 2016 5:29

Tgt Ion: 136 Resp: 452617

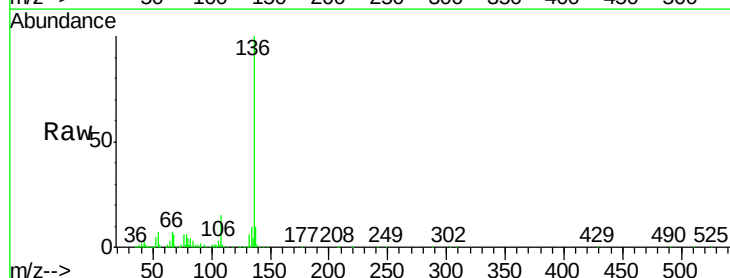
Ion Ratio Lower Upper

136 100

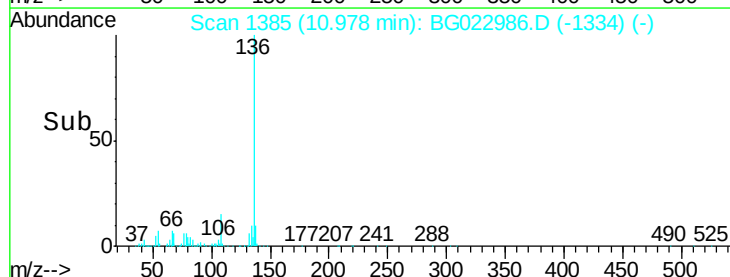
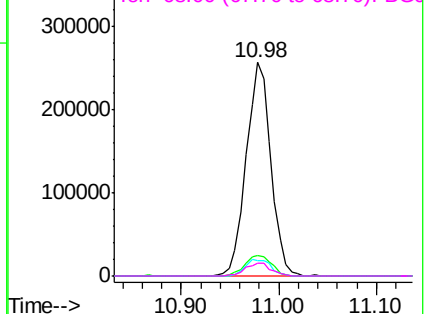
137 9.8 9.6 14.4

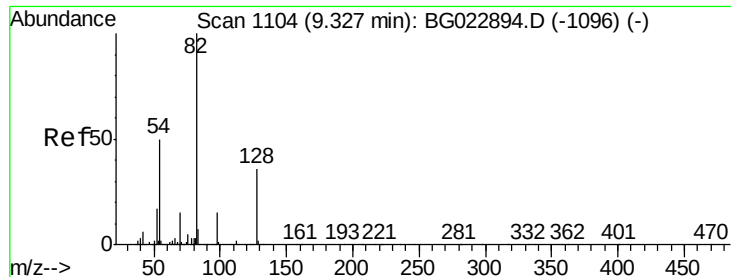
54 7.4 7.3 10.9

68 6.2 5.3 7.9



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

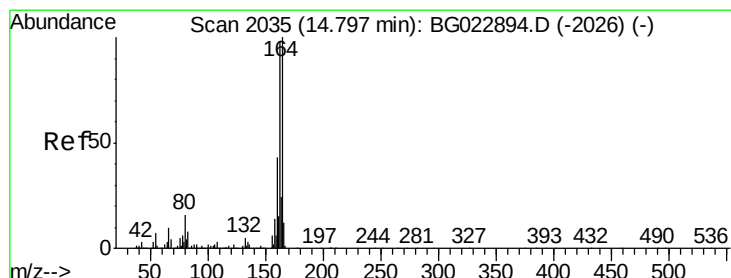
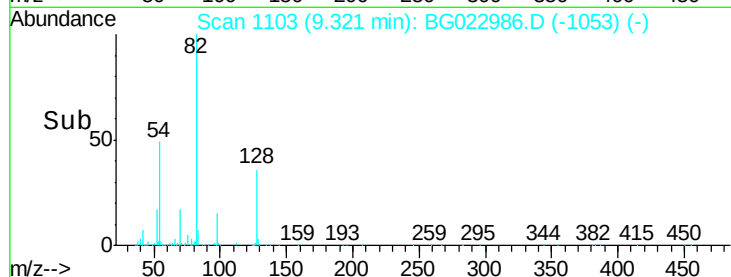
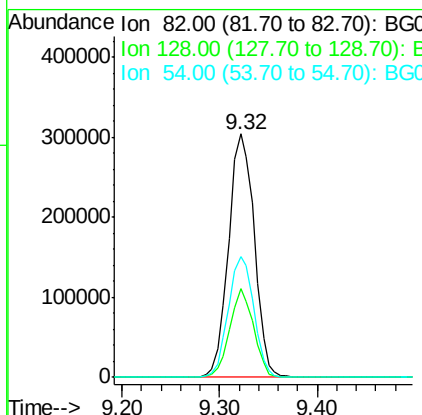
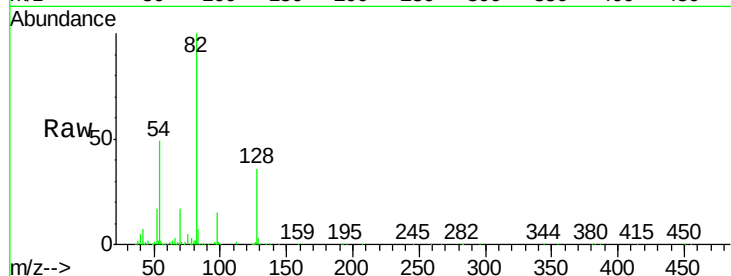




#23
 Nitrobenzene-d5
 Concen: 52.76 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BG022986.D
 Acq: 10 Jul 2016 5:29

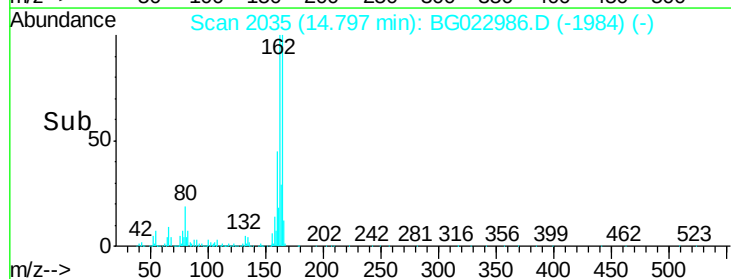
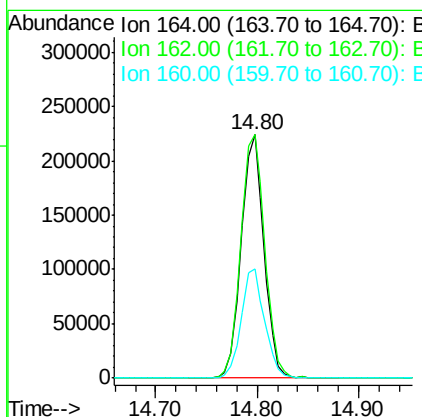
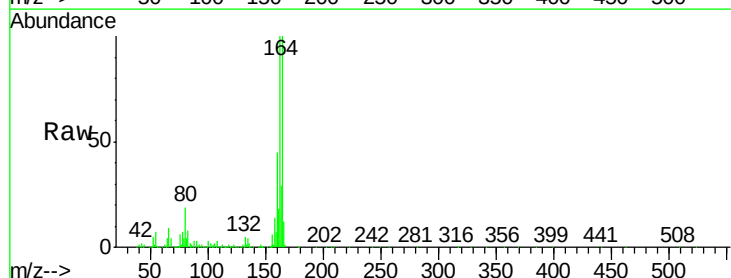
Instrument :
 BNA_G
 ClientSampleId :
 P7-B4-0-6-C

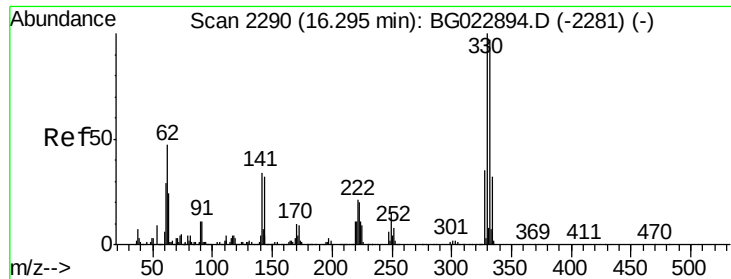
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.3	24.4	36.6
54	49.4	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BG022986.D
 Acq: 10 Jul 2016 5:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	87.7	131.5
160	44.7	37.2	55.8

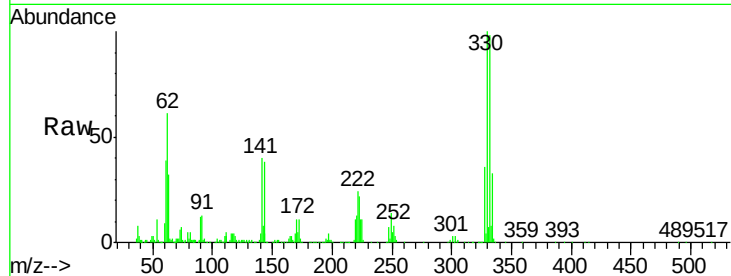




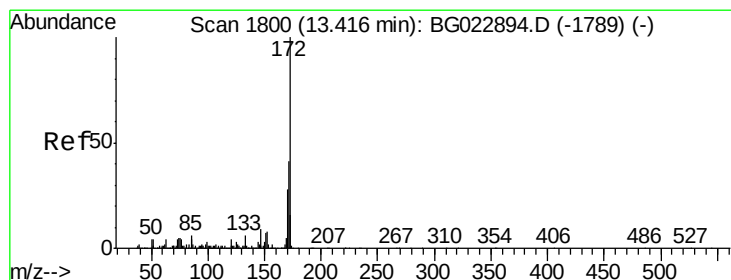
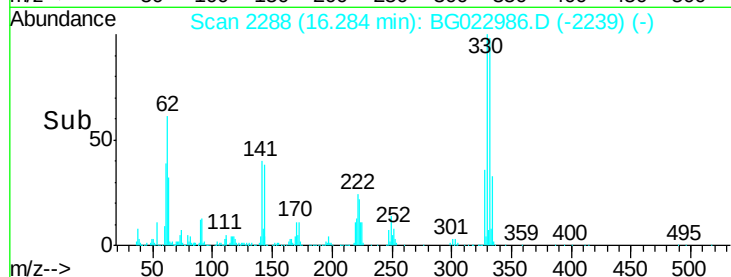
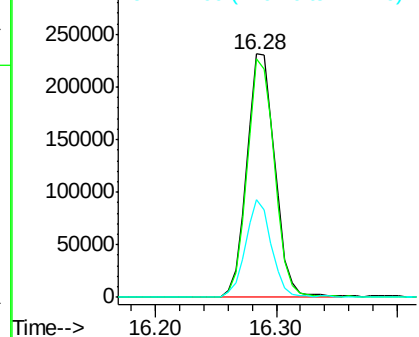
#41
 2,4,6-Tribromophenol
 Concen: 60.56 ng
 RT: 16.28 min Scan# 2288
 Delta R.T. -0.01 min
 Lab File: BG022986.D
 Acq: 10 Jul 2016 5:29

Instrument :
 BNA_G
 ClientSampleId :
 P7-B4-0-6-C

Tgt Ion:330 Resp: 377324
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.2
 141 36.9 31.7 47.5

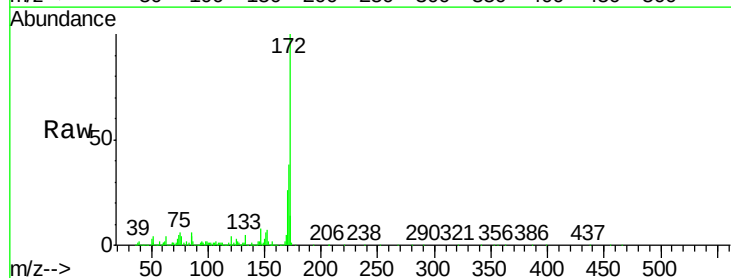


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

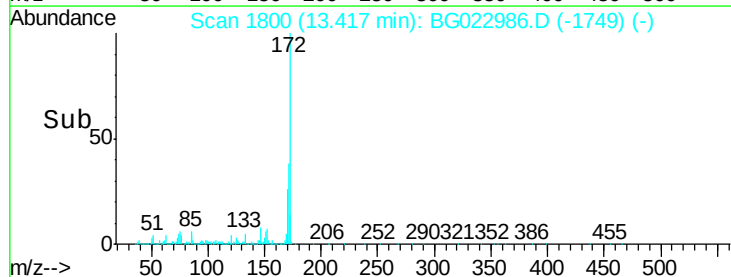
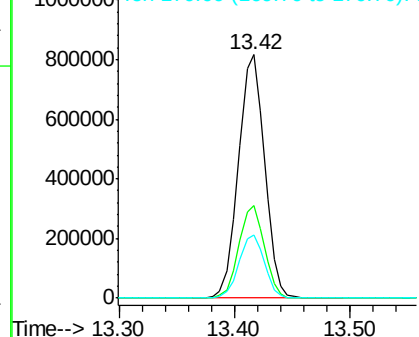


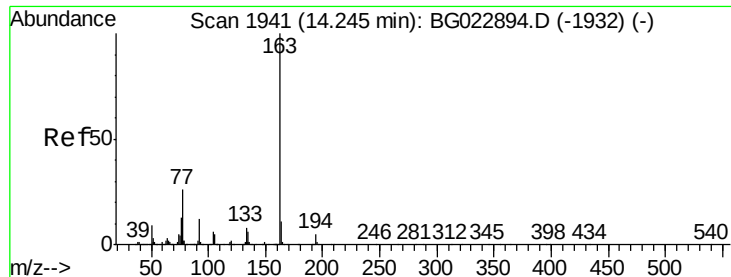
#44
 2-Fluorobiphenyl
 Concen: 58.43 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BG022986.D
 Acq: 10 Jul 2016 5:29

Tgt Ion:172 Resp: 1285927
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.6 47.4
 170 25.8 21.3 31.9



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: 11.34 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG022986.D

Acq: 10 Jul 2016 5:29

Instrument :

BNA_G

ClientSampleId :

P7-B4-0-6-C

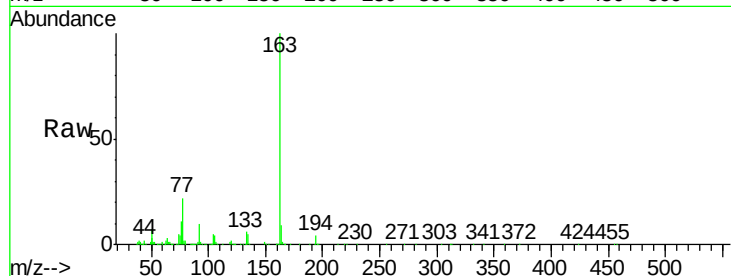
Tgt Ion:163 Resp: 321192

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

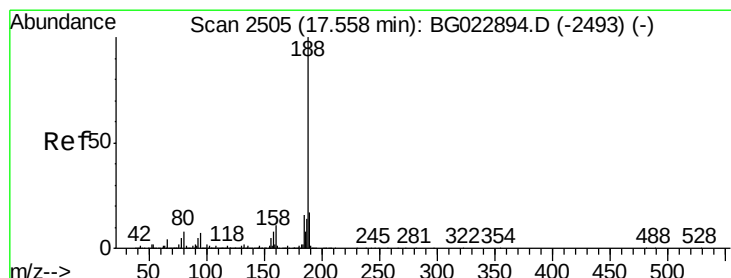
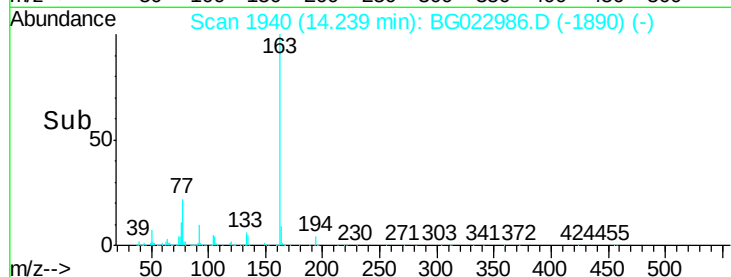
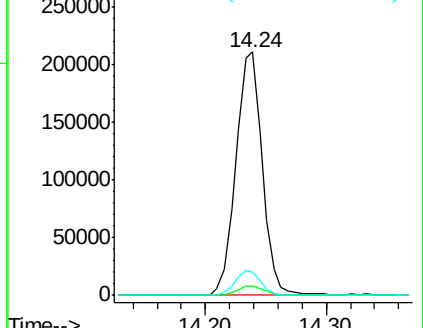
164 9.4 8.1 12.1



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: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG022986.D

Acq: 10 Jul 2016 5:29

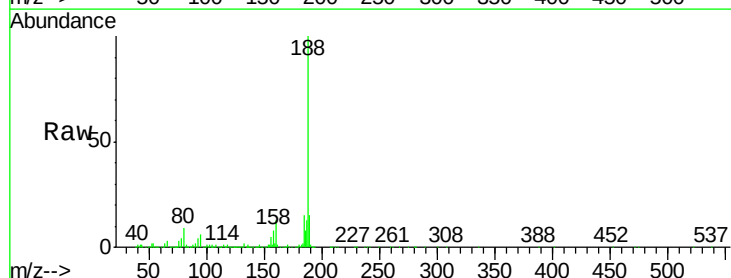
Tgt Ion:188 Resp: 822142

Ion Ratio Lower Upper

188 100

94 6.2 5.2 7.8

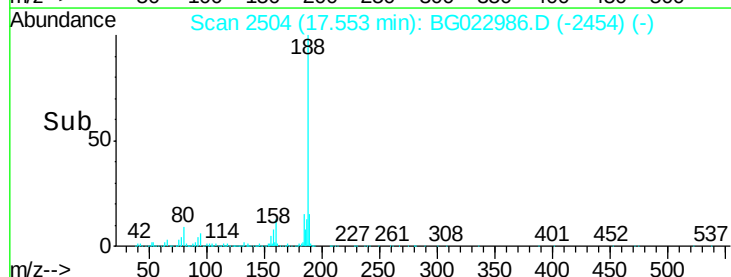
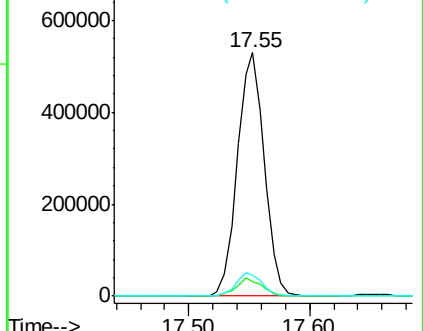
80 8.6 7.2 10.8

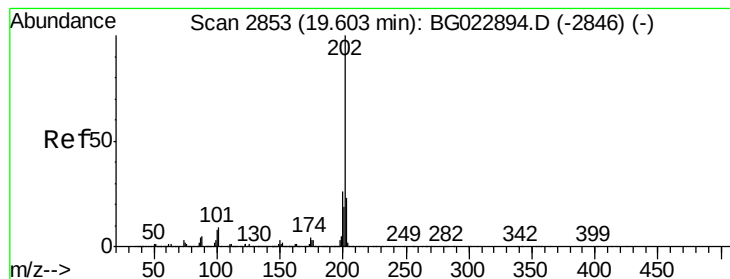


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#74

Fluoranthene

Concen: 3.68 ng

RT: 19.60 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BG022986.D

Acq: 10 Jul 2016 5:29

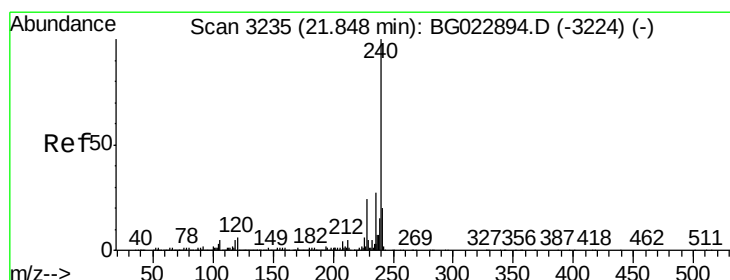
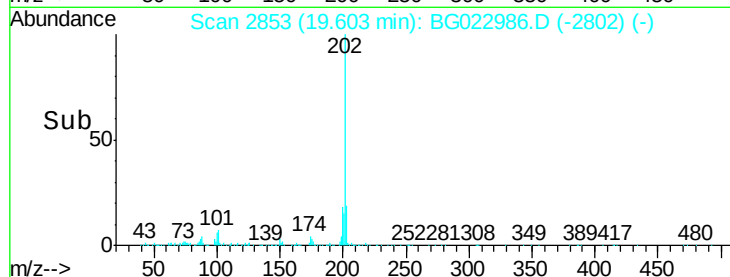
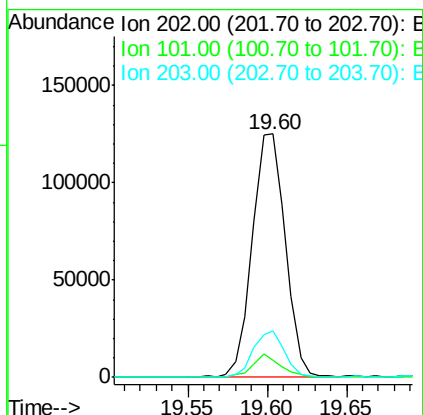
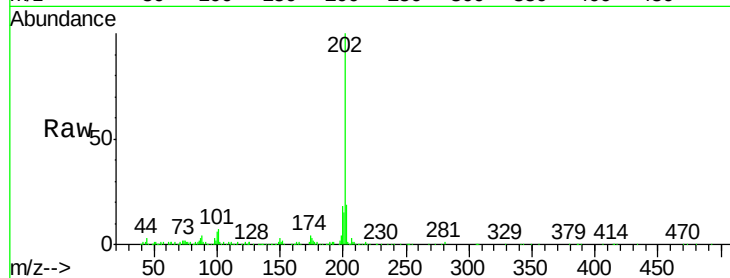
Instrument :

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Tgt Ion:	202	Resp:	181951
Ion Ratio	Lower	Upper	
202	100		
101	7.0	0.0	27.4
203	19.3	1.7	41.7



#75

Chrysene-d12

Concen: 20.00 ng

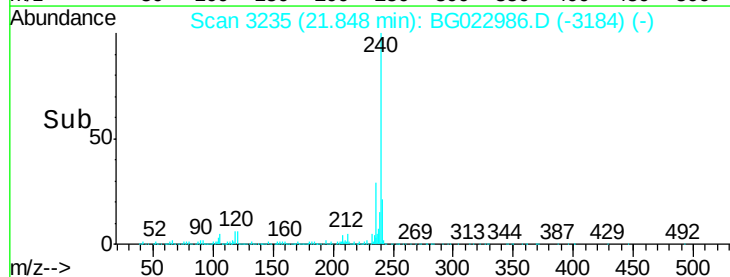
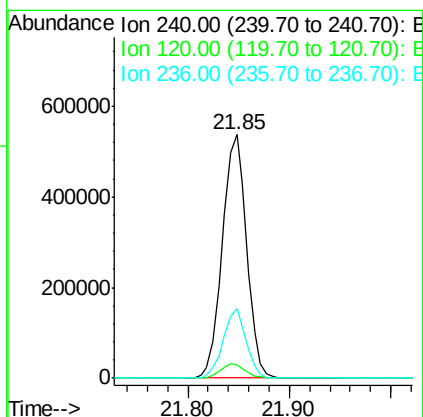
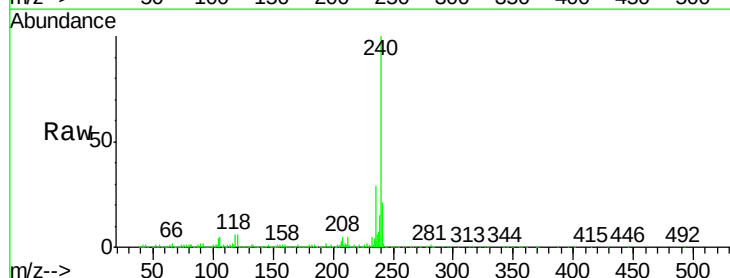
RT: 21.85 min Scan# 3235

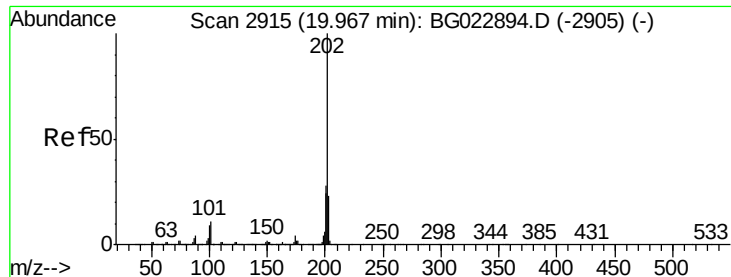
Delta R.T. 0.00 min

Lab File: BG022986.D

Acq: 10 Jul 2016 5:29

Tgt Ion:	240	Resp:	890896
Ion Ratio	Lower	Upper	
240	100		
120	5.7	4.1	6.1
236	28.7	21.1	31.7





#77

Pyrene

Concen: 3.03 ng

RT: 19.96 min Scan# 2914

Delta R.T. -0.01 min

Lab File: BG022986.D

Acq: 10 Jul 2016 5:29

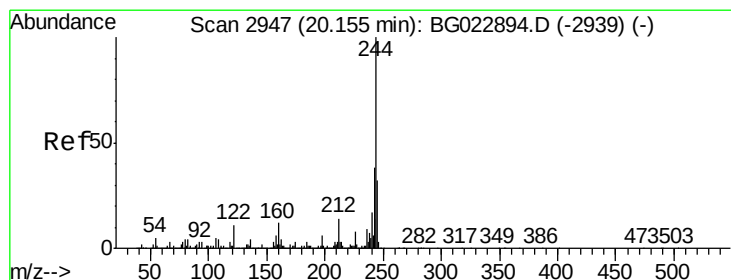
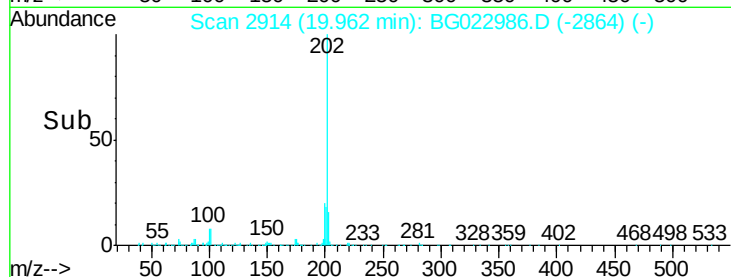
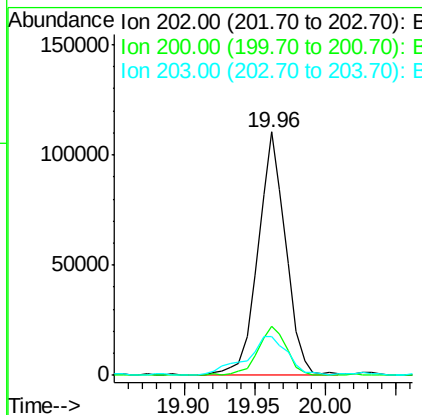
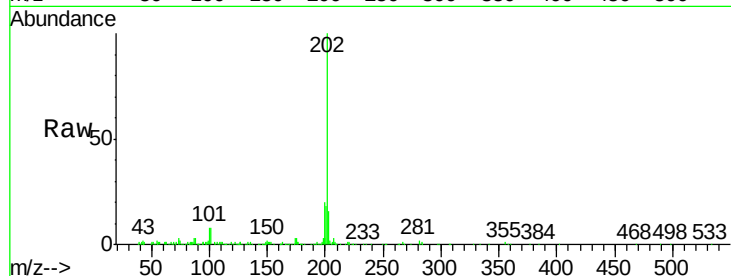
Instrument :

BNA_G

ClientSampleId :

P7-B4-0-6-C

Tgt Ion:	202	Resp:	151555
Ion	Ratio	Lower	Upper
202	100		
200	20.3	21.2	31.8#
203	16.0	16.8	25.2#



#78

Terphenyl-d14

Concen: 60.47 ng

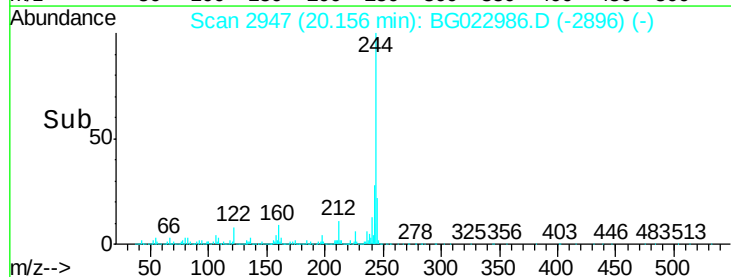
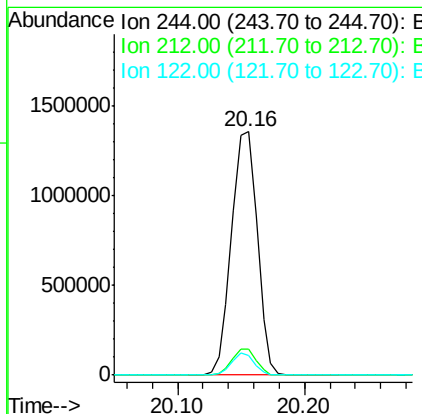
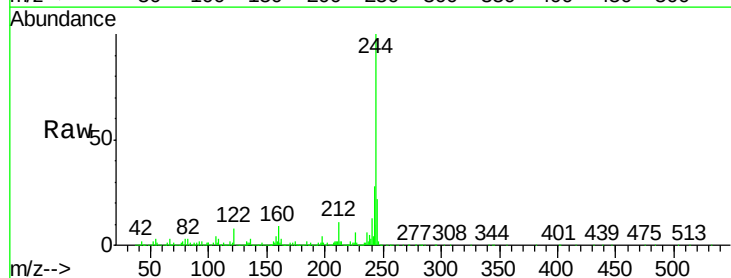
RT: 20.16 min Scan# 2947

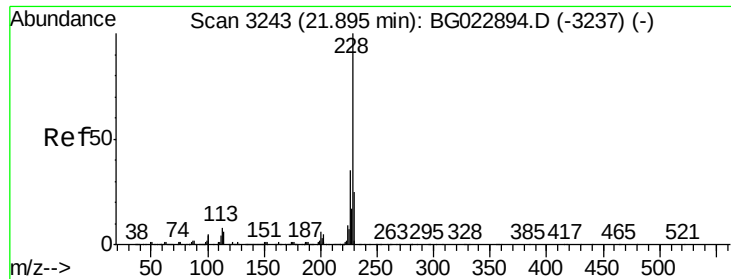
Delta R.T. 0.00 min

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Tgt Ion:	244	Resp:	1900838
Ion	Ratio	Lower	Upper
244	100		
212	10.8	10.8	16.2
122	8.2	8.0	12.0





#82

Chrysene

Concen: 2.21 ng

RT: 21.89 min Scan# 3242

Delta R.T. -0.01 min

Lab File: BG022986.D

Acq: 10 Jul 2016 5:29

Instrument :

BNA_G

ClientSampleId :

P7-B4-0-6-C

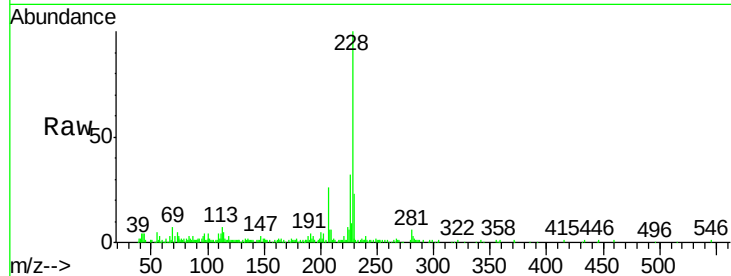
Tgt Ion: 228 Resp: 103210

Ion Ratio Lower Upper

228 100

226 31.7 26.7 40.1

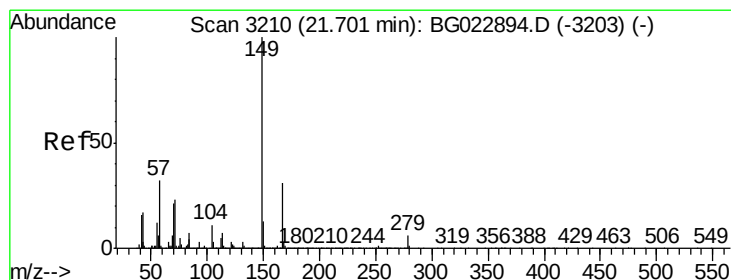
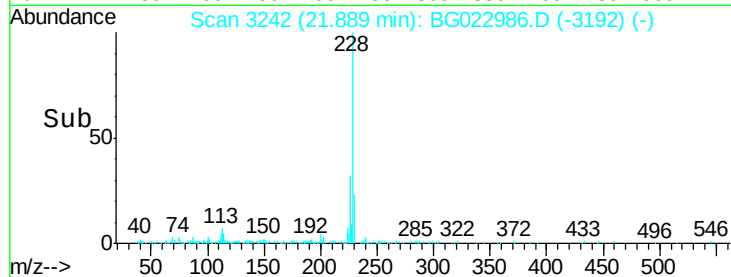
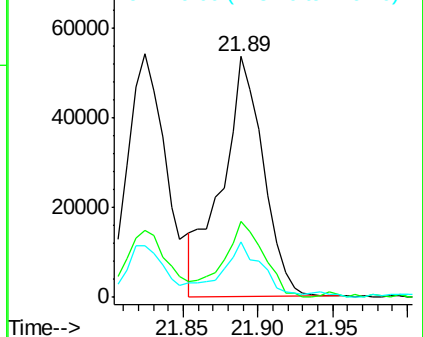
229 23.2 17.4 26.2



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: 5.56 ng

RT: 21.71 min Scan# 3211

Delta R.T. 0.01 min

Lab File: BG022986.D

Acq: 10 Jul 2016 5:29

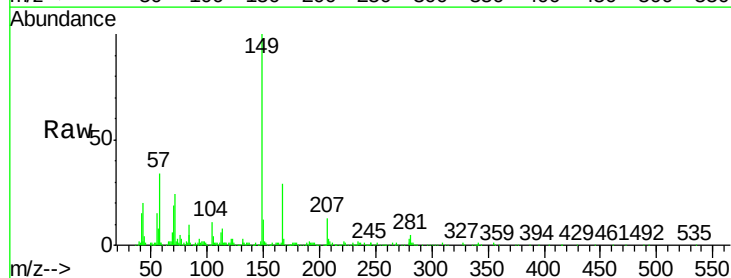
Tgt Ion: 149 Resp: 153103

Ion Ratio Lower Upper

149 100

167 28.7 24.0 36.0

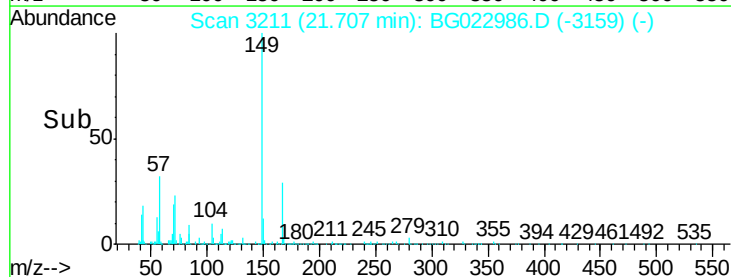
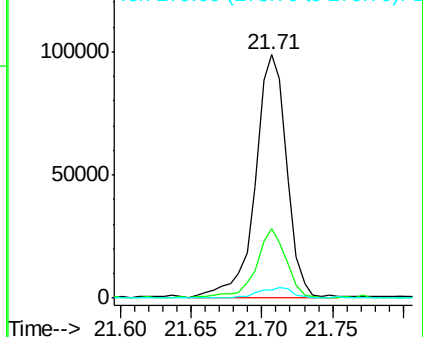
279 3.2 4.8 7.2#

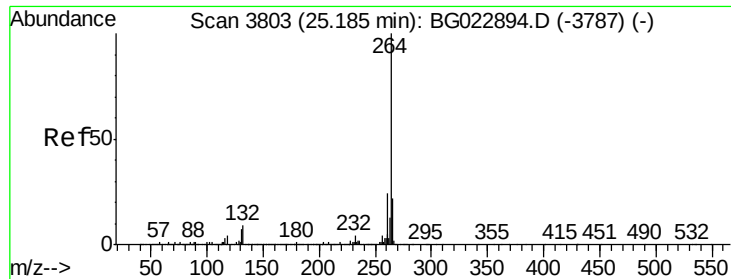


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

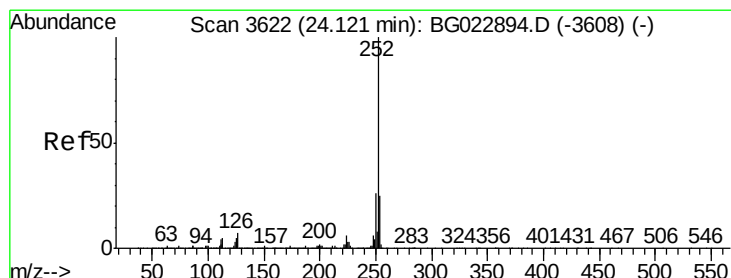
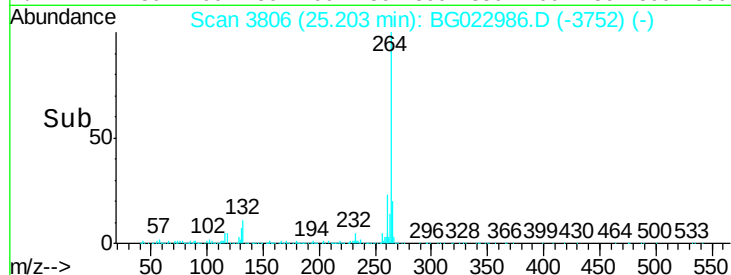
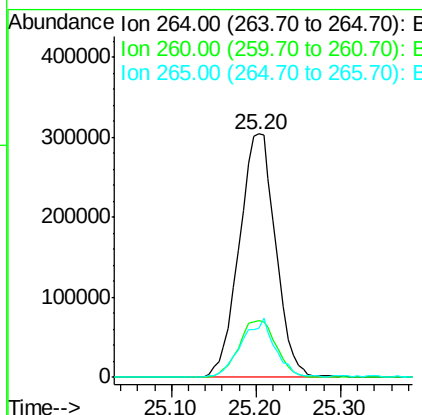
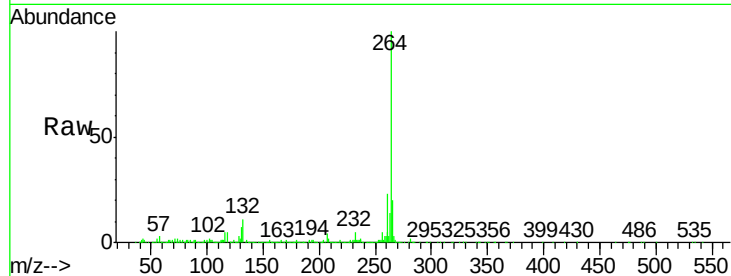




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.20 min Scan# 3806
Delta R.T. 0.02 min
Lab File: BG022986.D
Acq: 10 Jul 2016 5:29

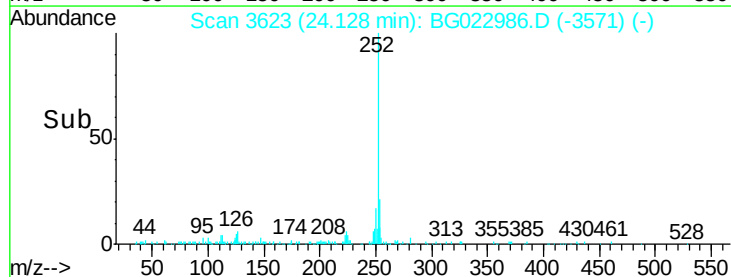
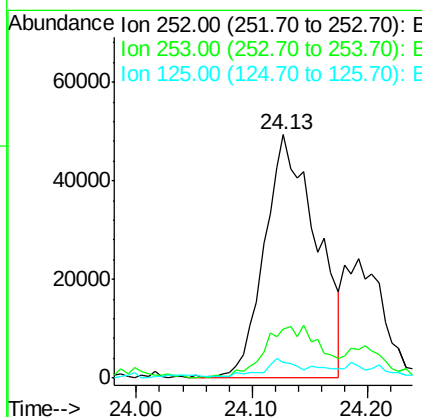
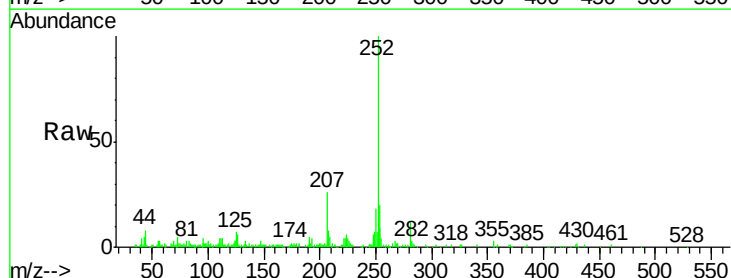
Instrument :
BNA_G
ClientSampleId :
P7-B4-0-6-C

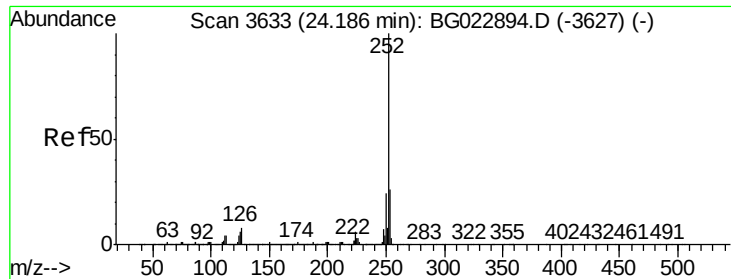
Tgt Ion:	264	Resp:	910841
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.4	27.6
265	20.0	18.9	28.3



#87
Benzo(b)fluoranthene
Concen: 2.94 ng
RT: 24.13 min Scan# 3623
Delta R.T. 0.01 min
Lab File: BG022986.D
Acq: 10 Jul 2016 5:29

Tgt Ion:	252	Resp:	154252
Ion Ratio	Lower	Upper	
252	100		
253	20.3	18.9	28.3
125	6.7	3.9	5.9#





#88

Benzo(k)fluoranthene

Concen: 3.09 ng

RT: 24.13 min Scan# 3623

Delta R.T. -0.06 min

Lab File: BG022986.D

Acq: 10 Jul 2016 5:29

Instrument :

BNA_G

ClientSampleId :

P7-B4-0-6-C

Tgt Ion: 252 Resp: 154252

Ion Ratio Lower Upper

252 100

253 20.3 18.8 28.2

125 6.7 3.2 4.8#

