

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
 Data File : BG021734.D
 Acq On : 18 Apr 2016 11:07
 Operator : UM/SJ
 Sample : H2558-05DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-15-6-7DL

Quant Time: Apr 18 12:11:23 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

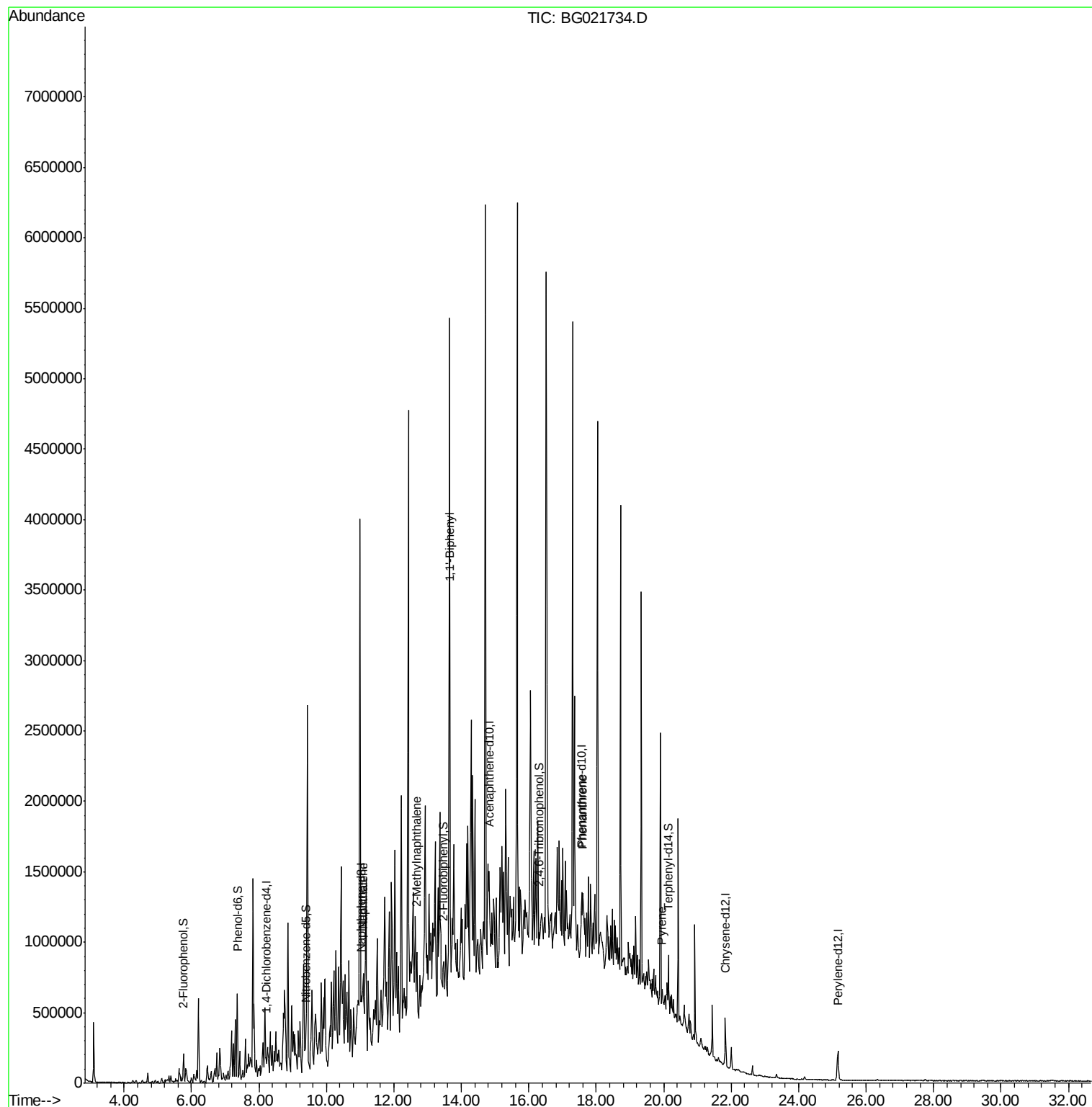
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	32707	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	150173	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	97915	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	189480	20.00	ng	0.00
75) Chrysene-d12	21.83	240	219036	20.00	ng	0.00
86) Perylene-d12	25.16	264	217753	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	42486	21.63	ng	0.00
7) Phenol-d6	7.36	99	65016	22.16	ng	0.00
23) Nitrobenzene-d5	9.38	82	69894	23.92	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	22426	21.25	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	109658	16.41	ng	0.00
78) Terphenyl-d14	20.14	244	139117	15.85	ng	0.00
Target Compounds						
31) Naphthalene	11.09	128	103810	12.92	ng	Qvalue # 72
37) 2-Methylnaphthalene	12.68	142	212862	38.58	ng	94
45) 1,1'-Biphenyl	13.67	154	69698	8.45	ng	95
70) Phenanthrene	17.61	178	27672	2.65	ng	# 80
77) Pyrene	19.96	202	35818	2.84	ng	# 91

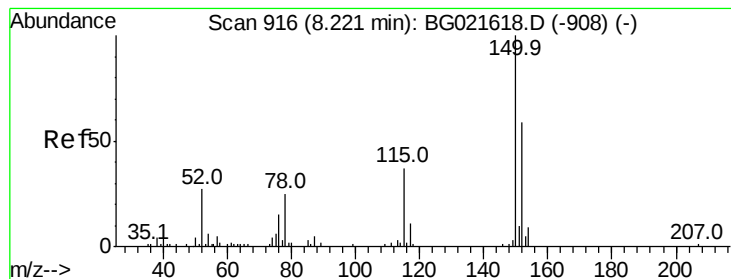
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG021734.D

Acq: 18 Apr 2016 11:07

Instrument :

BNA_G

ClientSampled :

SB-15-6-7DL

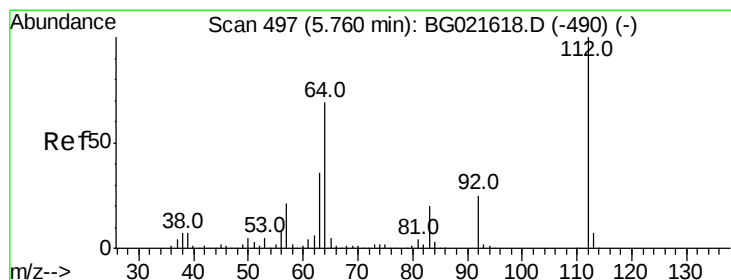
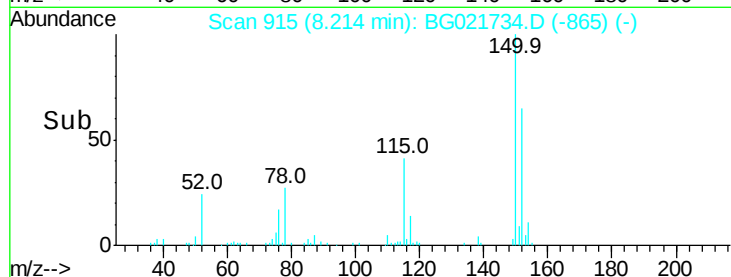
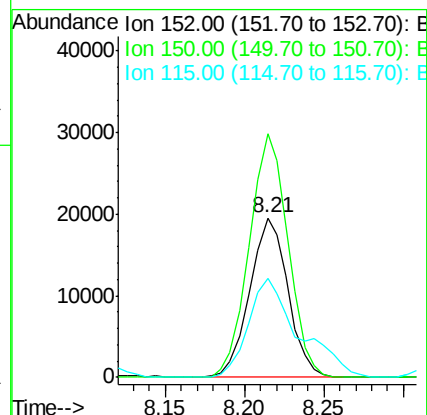
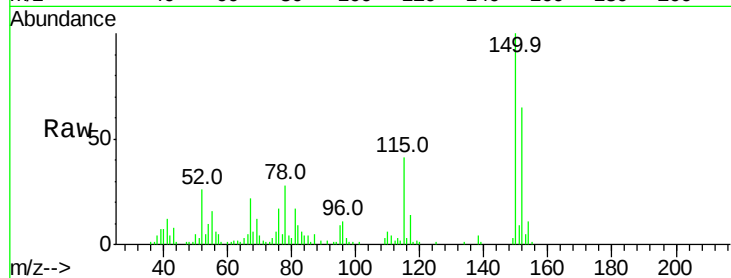
Tot Ion:152 Resp: 32707

Ion Ratio Lower Upper

152 100

150 152.7 130.1 195.1

115 62.1 62.2 93.2#



#5

2-Fluorophenol

Concen: 21.63 ng

RT: 5.76 min Scan# 498

Delta R.T. 0.01 min

Lab File: BG021734.D

Acq: 18 Apr 2016 11:07

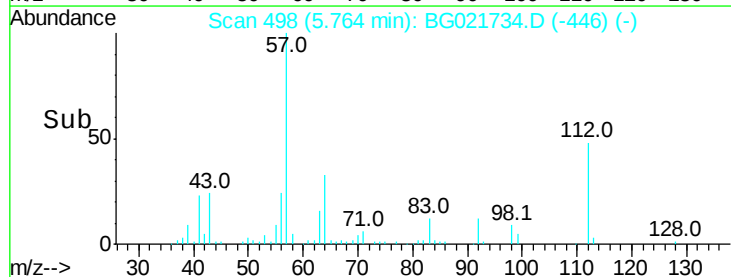
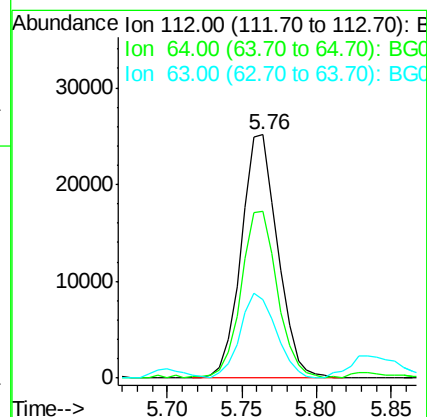
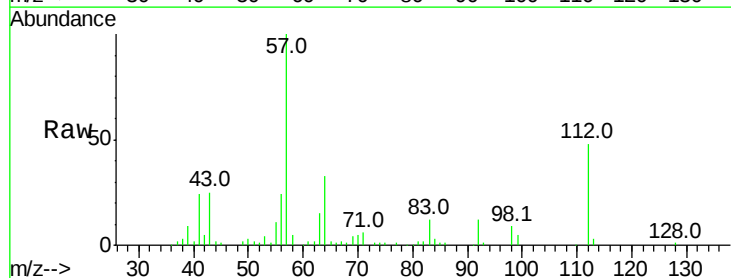
Tgt Ion:112 Resp: 42486

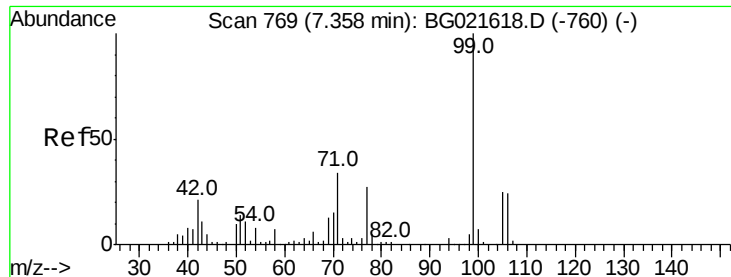
Ion Ratio Lower Upper

112 100

64 68.5 51.1 76.7

63 32.4 24.6 37.0





#7

Phenol-d6

Concen: 22.16 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG021734.D

Acq: 18 Apr 2016 11:07

Instrument :

BNA_G

ClientSampleId :

SB-15-6-7DL

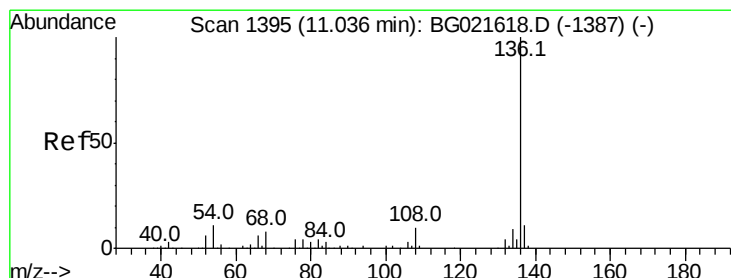
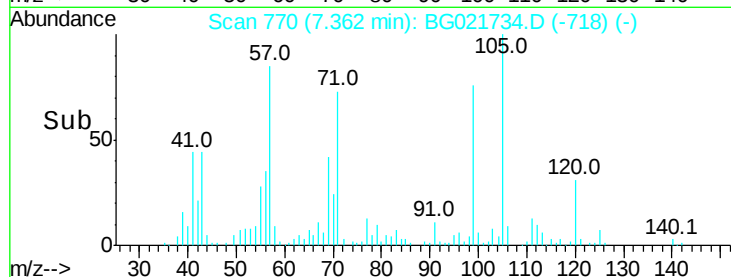
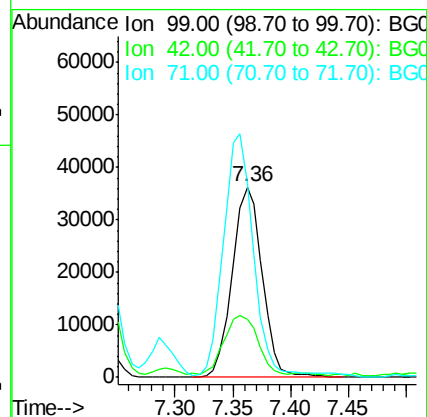
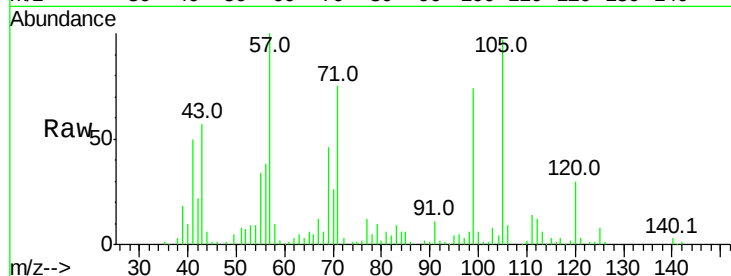
Tot Ion: 99 Resp: 65016

Ion Ratio Lower Upper

99 100

42 30.3 16.4 24.6#

71 102.2 25.0 37.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BG021734.D

Acq: 18 Apr 2016 11:07

Tgt Ion:136 Resp: 150173

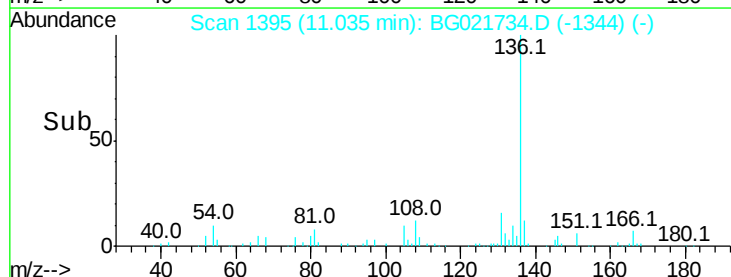
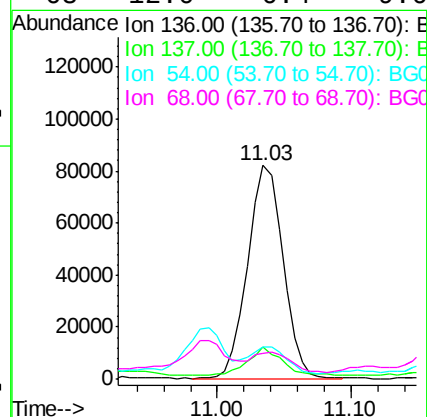
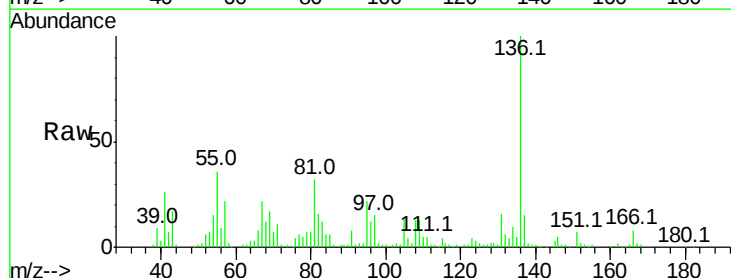
Ion Ratio Lower Upper

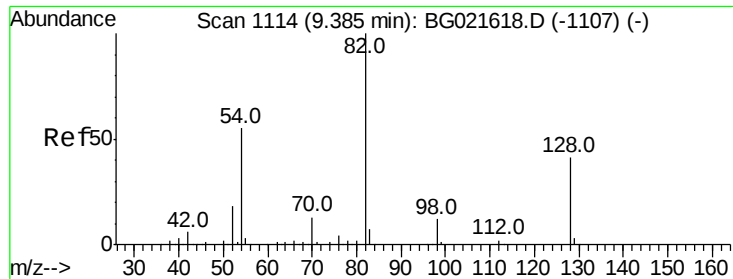
136 100

137 14.8 9.0 13.4#

54 14.8 9.6 14.4#

68 12.0 6.4 9.6#

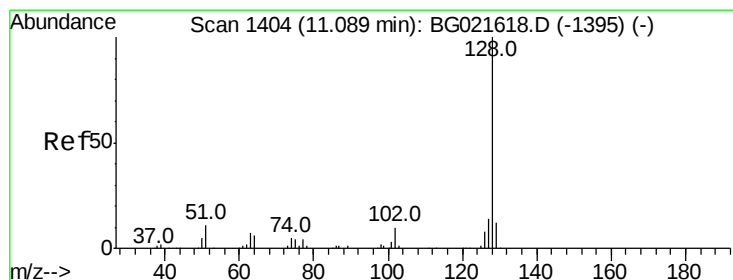
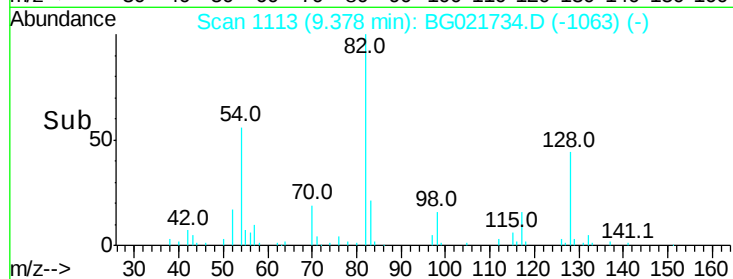
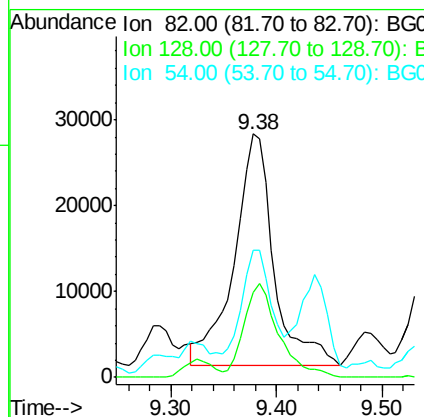
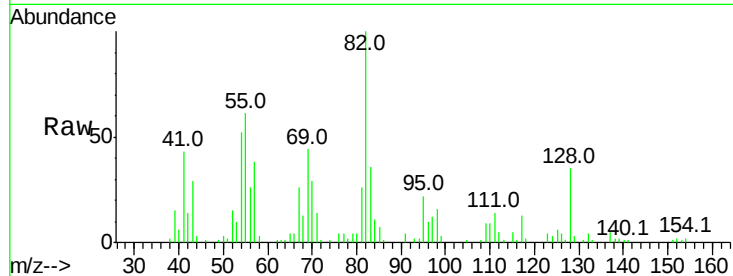




#23
 Nitrobenzene-d5
 Concen: 23.92 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BG021734.D
 Acq: 18 Apr 2016 11:07

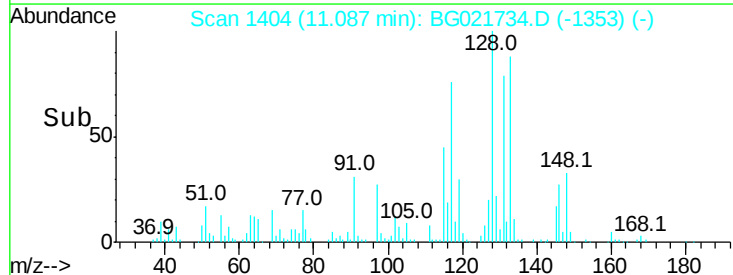
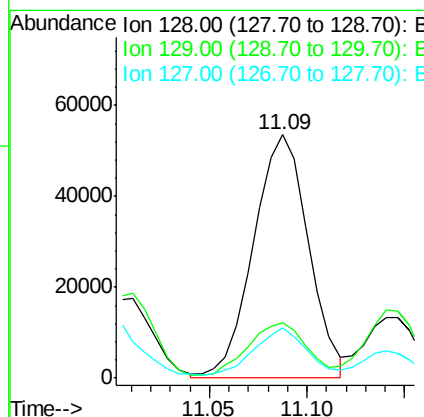
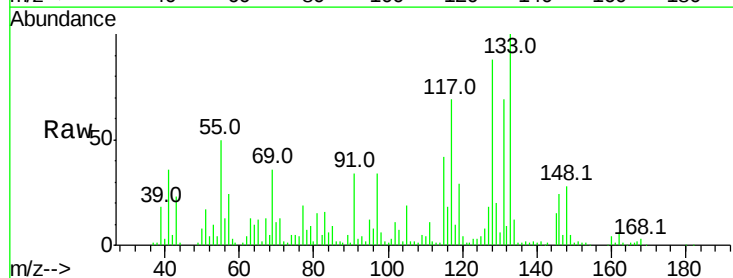
Instrument :
 BNA_G
 ClientSampleId :
 SB-15-6-7DL

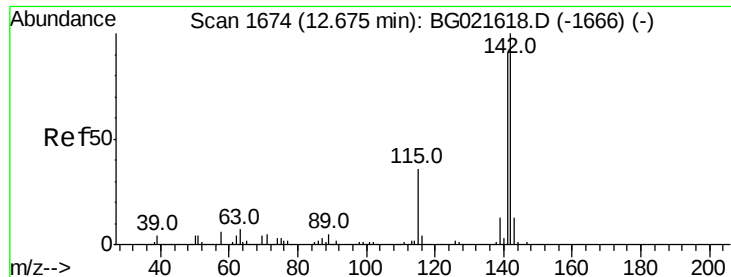
Tot Ion: 82 Resp: 69894
 Ion Ratio Lower Upper
 82 100
 128 34.8 33.4 50.0
 54 52.5 46.1 69.1



#31
 Naphthalene
 Concen: 12.92 ng
 RT: 11.09 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BG021734.D
 Acq: 18 Apr 2016 11:07

Tgt Ion:128 Resp: 103810
 Ion Ratio Lower Upper
 128 100
 129 22.7 7.0 10.6#
 127 20.6 10.1 15.1#





#37

2-Methylnaphthalene

Concen: 38.58 ng

RT: 12.68 min Scan# 1675

Delta R.T. 0.00 min

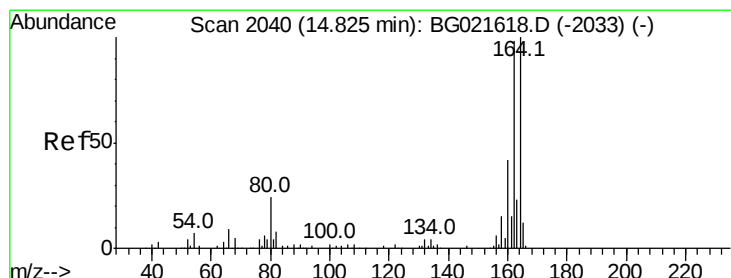
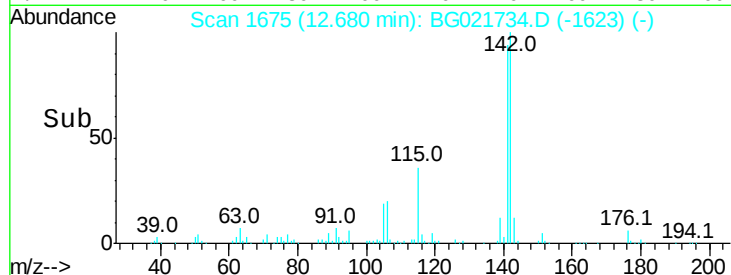
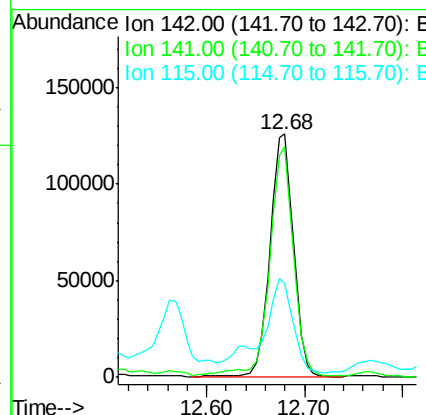
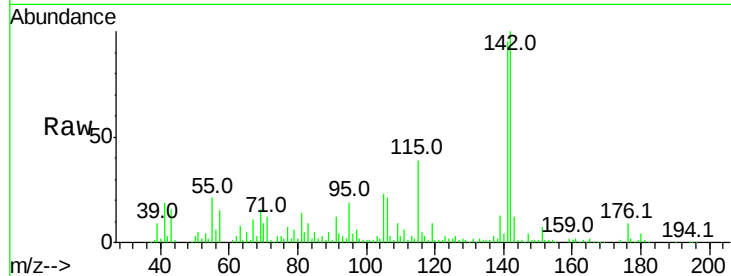
Lab File: BG021734.D

Acq: 18 Apr 2016 11:07

Instrument :
BNA_G
ClientSampleId :
SB-15-6-7DL

Tot Ion:142 Resp: 212862

Ion	Ratio	Lower	Upper
142	100		
141	94.6	71.4	107.0
115	38.6	27.4	41.2



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.83 min Scan# 2041

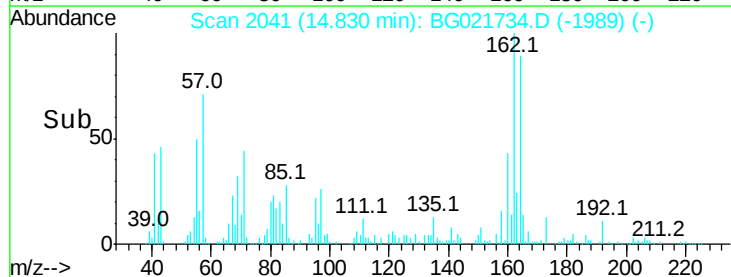
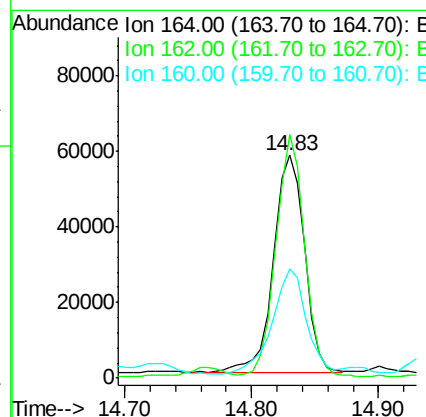
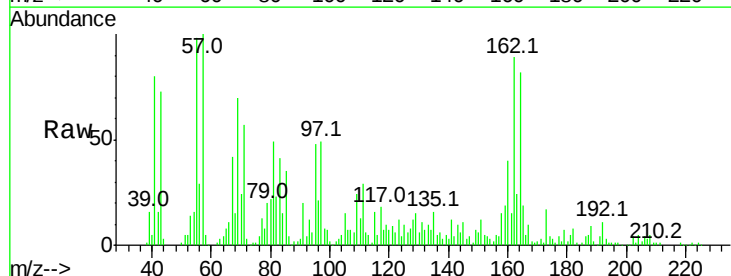
Delta R.T. 0.00 min

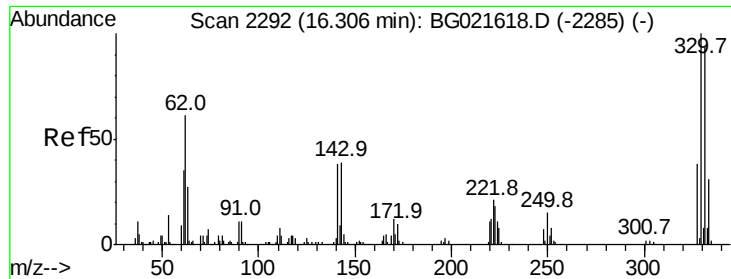
Lab File: BG021734.D

Acq: 18 Apr 2016 11:07

Tgt Ion:164 Resp: 97915

Ion	Ratio	Lower	Upper
164	100		
162	109.1	78.0	117.0
160	49.2	32.9	49.3

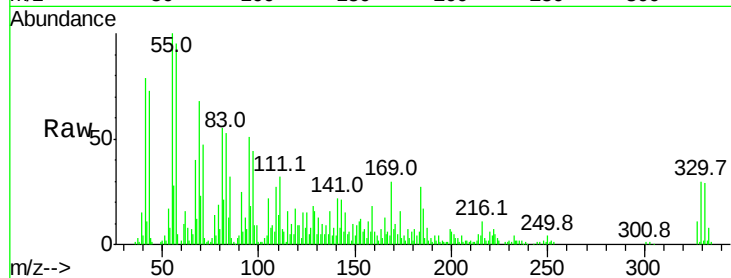




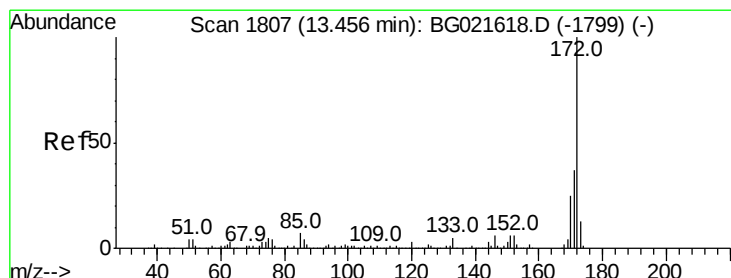
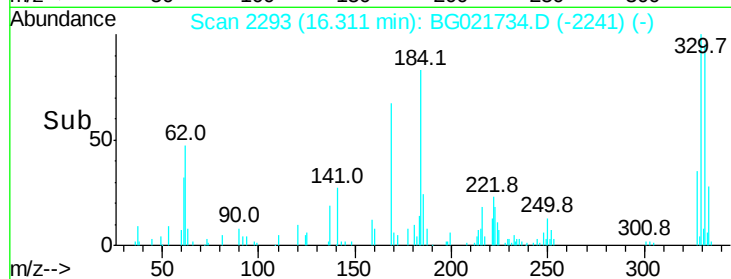
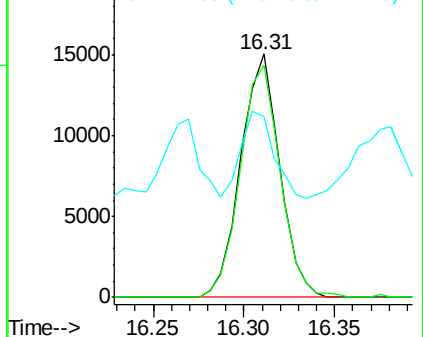
#41
 2,4,6-Tribromophenol
 Concen: 21.25 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BG021734.D
 Acq: 18 Apr 2016 11:07

Instrument :
 BNA_G
 ClientSampleId :
 SB-15-6-7DL

Tot Ion:330 Resp: 22426
 Ion Ratio Lower Upper
 330 100
 332 98.0 78.0 117.0
 141 30.3 33.8 50.8#

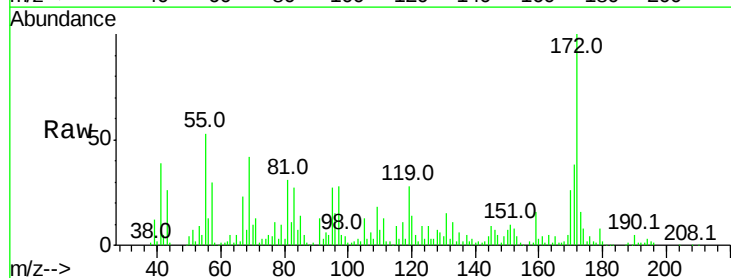


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

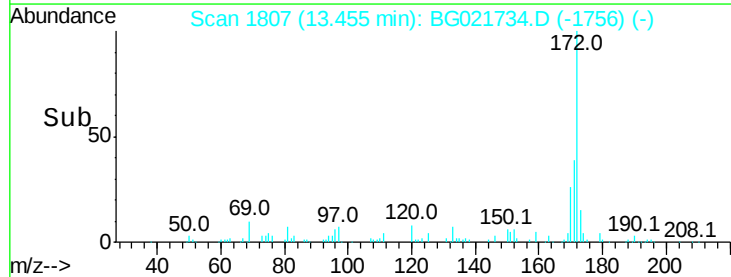
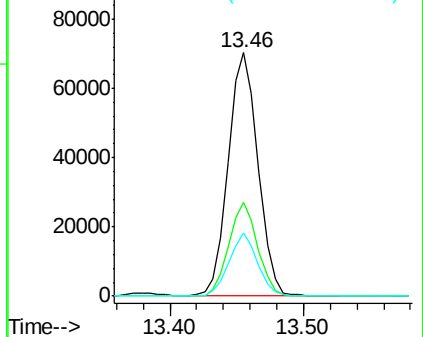


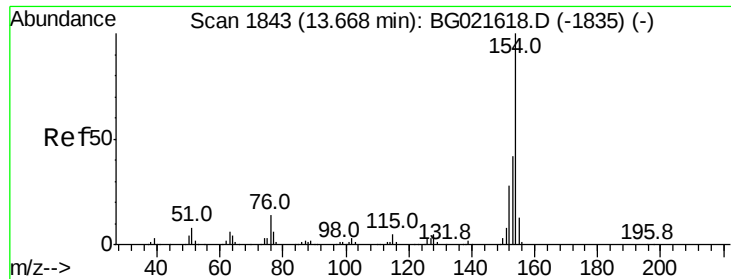
#44
 2-Fluorobiphenyl
 Concen: 16.41 ng
 RT: 13.46 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: BG021734.D
 Acq: 18 Apr 2016 11:07

Tgt Ion:172 Resp: 109658
 Ion Ratio Lower Upper
 172 100
 171 38.4 27.8 41.6
 170 25.7 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 8.45 ng

RT: 13.67 min Scan# 1843

Delta R.T. -0.00 min

Lab File: BG021734.D

Acq: 18 Apr 2016 11:07

Instrument :

BNA_G

ClientSampleId :

SB-15-6-7DL

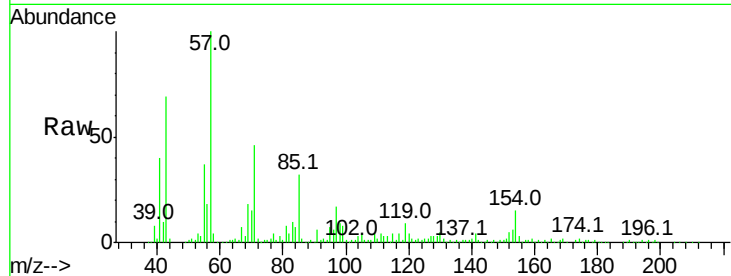
Tot Ion:154 Resp: 69698

Ion Ratio Lower Upper

154 100

153 42.9 19.7 59.7

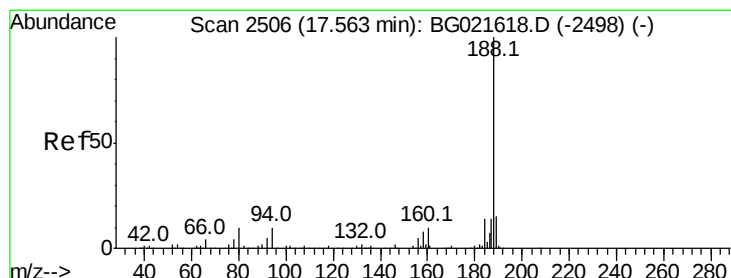
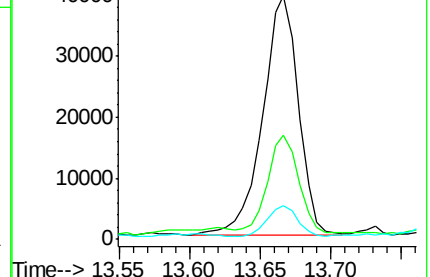
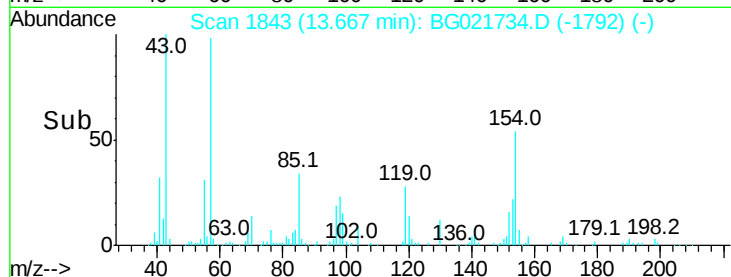
76 14.0 0.0 33.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2507

Delta R.T. 0.00 min

Lab File: BG021734.D

Acq: 18 Apr 2016 11:07

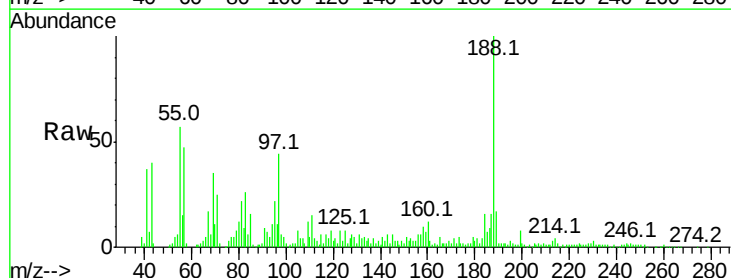
Tgt Ion:188 Resp: 189480

Ion Ratio Lower Upper

188 100

94 11.4 7.5 11.3#

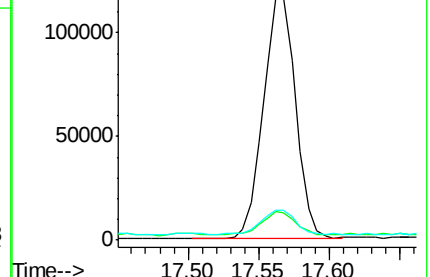
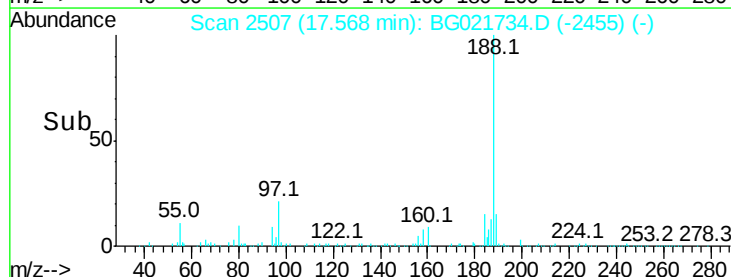
80 12.2 8.6 13.0

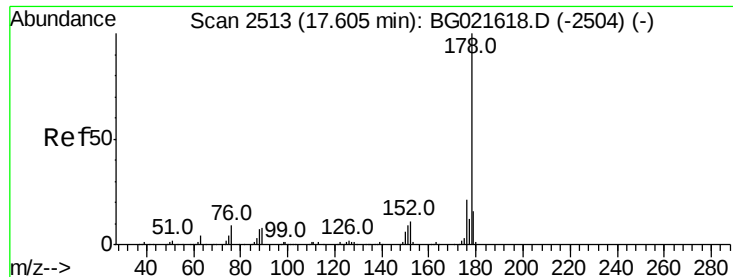


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#70

Phenanthrene

Concen: 2.65 ng

RT: 17.61 min Scan# 2514

Delta R.T. 0.00 min

Lab File: BG021734.D

Acq: 18 Apr 2016 11:07

Instrument :

BNA_G

ClientSampleId :

SB-15-6-7DL

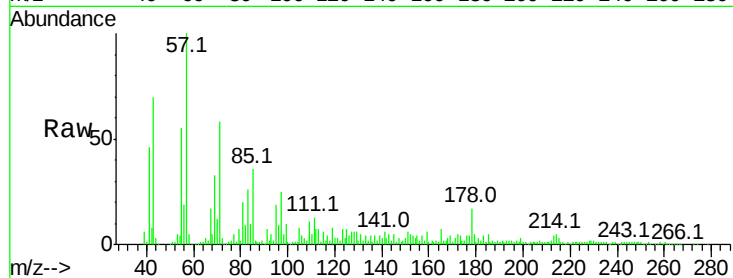
Tot Ion:178 Resp: 27672

Ion Ratio Lower Upper

178 100

176 22.8 16.2 24.4

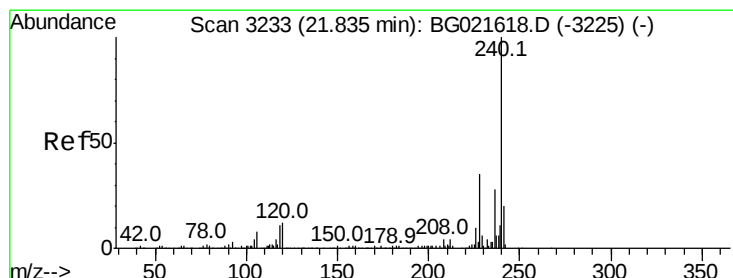
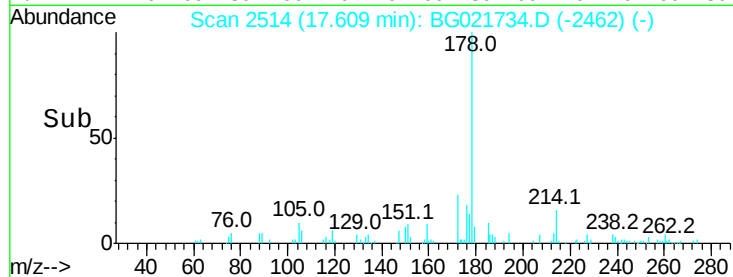
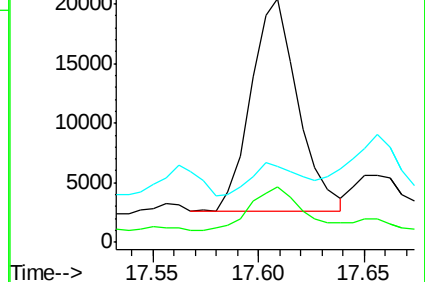
179 31.3 12.0 18.0#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BG021734.D

Acq: 18 Apr 2016 11:07

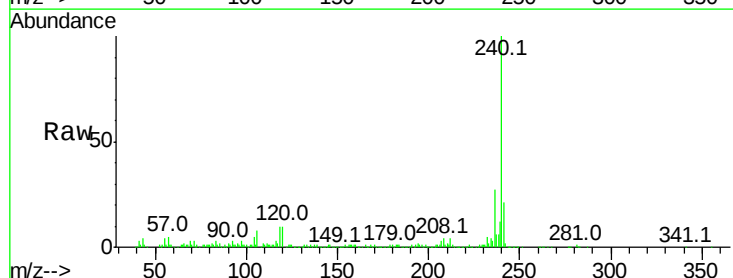
Tgt Ion:240 Resp: 219036

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

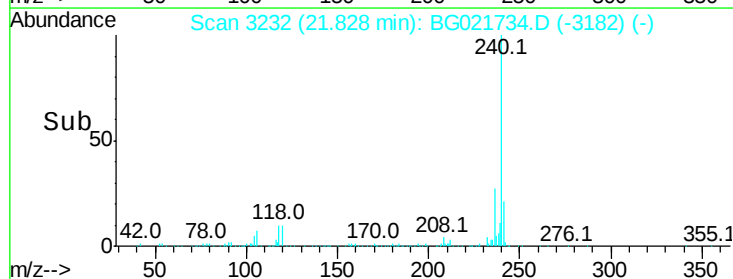
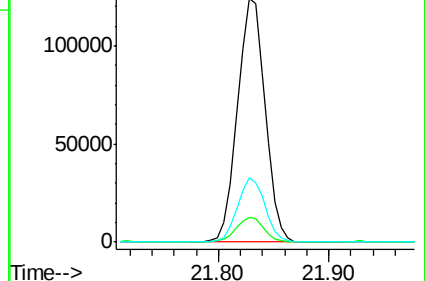
236 26.6 19.6 29.4

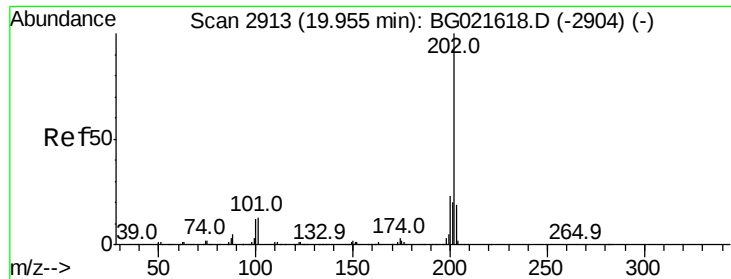


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

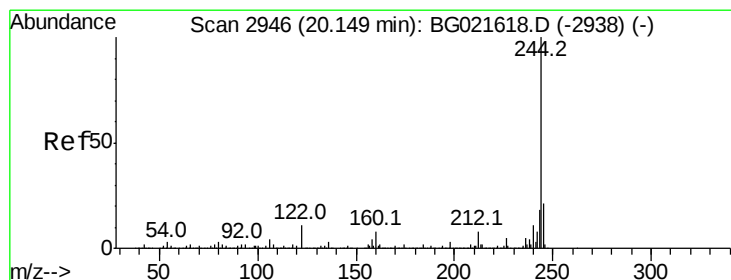
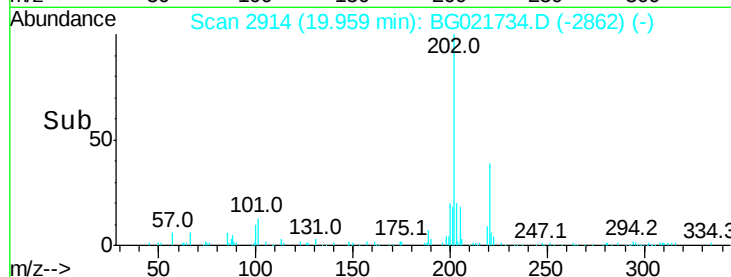
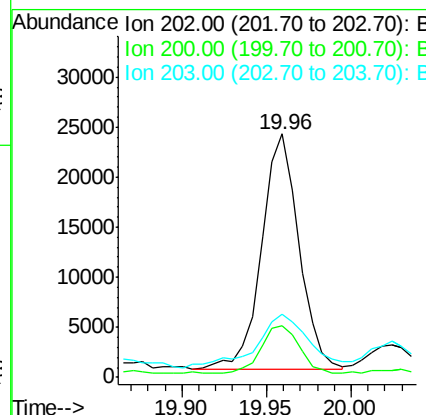
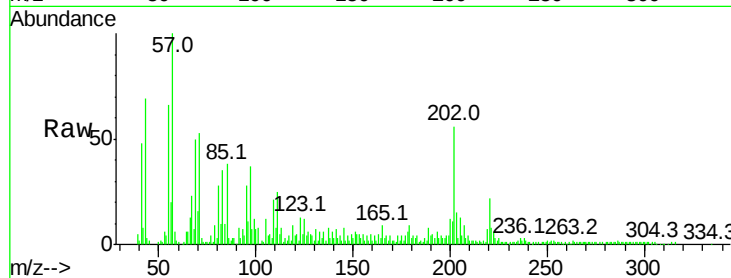




#77
Pvrene
Concen: 2.84 ng
RT: 19.96 min Scan# 2914
Delta R.T. 0.00 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

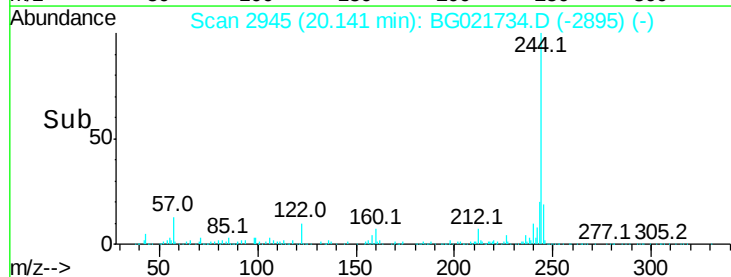
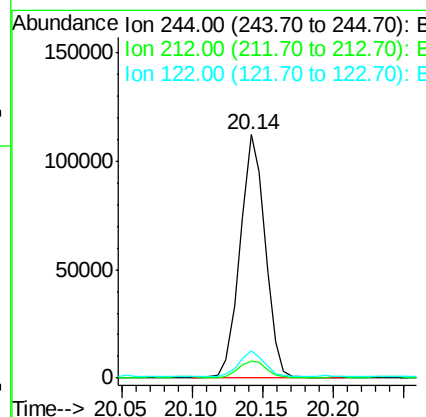
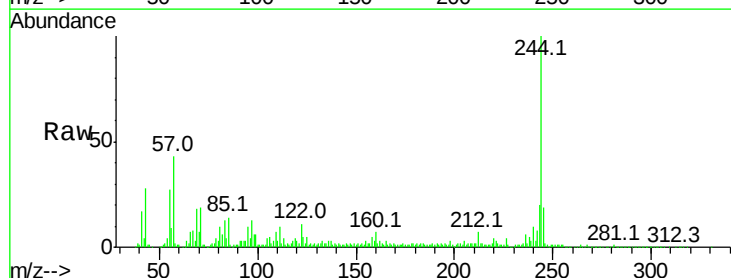
Instrument :
BNA_G
ClientSampleId :
SB-15-6-7DL

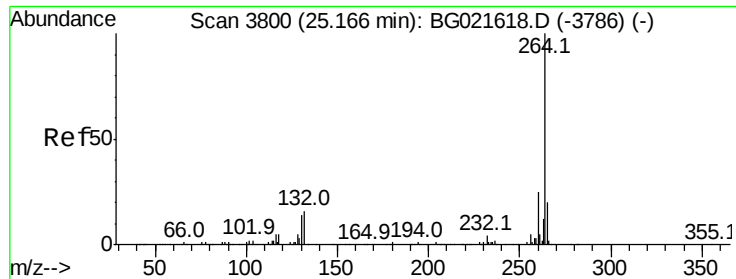
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	18.2	27.2
203	26.0	15.0	22.4



#78
Terphenyl-d14
Concen: 15.85 ng
RT: 20.14 min Scan# 2945
Delta R.T. -0.01 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	11.2	8.6	12.8





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3800
Delta R.T. -0.00 min
Lab File: BG021734.D
Acq: 18 Apr 2016 11:07

Instrument :
BNA_G
ClientSampleId :
SB-15-6-7DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.2	30.4
265	20.7	17.8	26.8

