

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
 Data File : BG021143.D
 Acq On : 28 Feb 2016 9:24
 Operator : UM/SJ
 Sample : H1526-06
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P-05

Quant Time: Feb 29 00:34:40 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 26 16:39:44 2016
 Response via : Initial Calibration

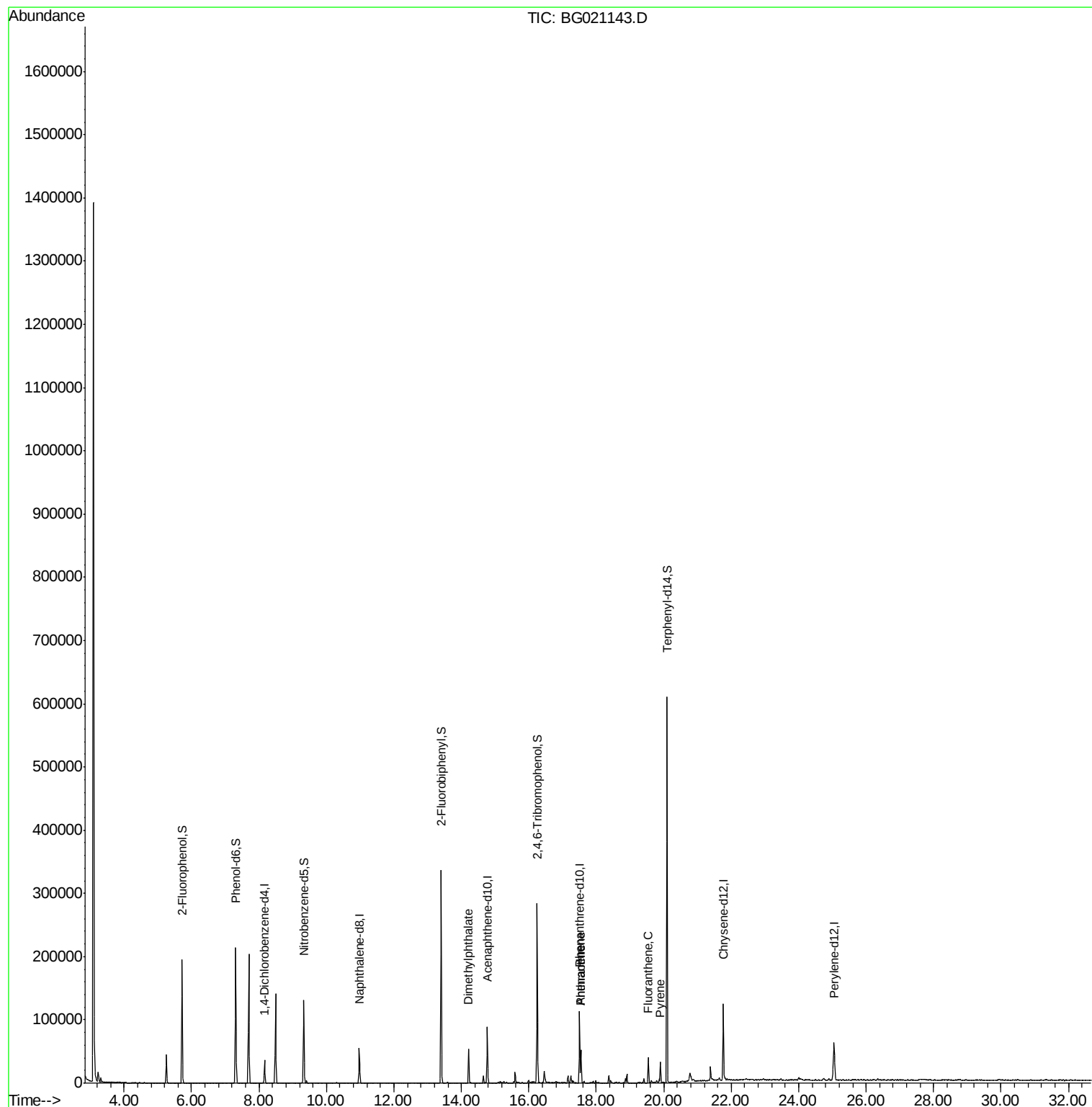
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	9165	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	43708	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	27621	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	64369	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	66411	20.00	ng	-0.02
86) Perylene-d12	25.05	264	61201	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	73765	140.91	ng	0.00
7) Phenol-d6	7.31	99	118898	152.63	ng	-0.02
23) Nitrobenzene-d5	9.33	82	84170	91.75	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	36289	100.21	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	154872	71.75	ng	-0.01
78) Terphenyl-d14	20.09	244	234873	82.65	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.22	163	30779	12.93	ng	99
70) Phenanthrene	17.55	178	30654	8.85	ng	99
71) Anthracene	17.55	178	30654	8.79	ng	98
74) Fluoranthene	19.54	202	24086	5.54	ng	98
77) Pyrene	19.90	202	19475	5.30	ng	97

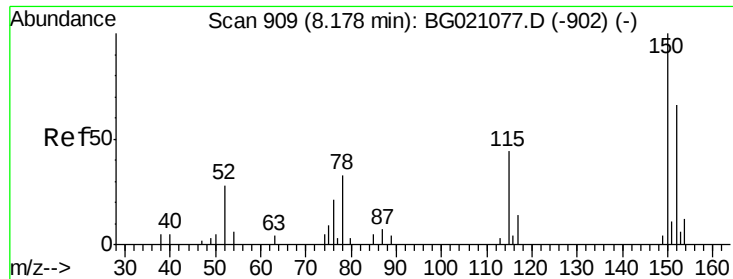
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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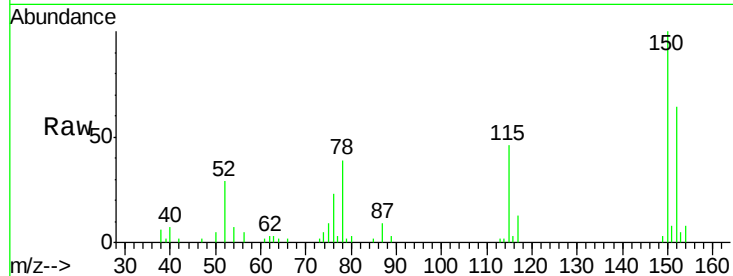




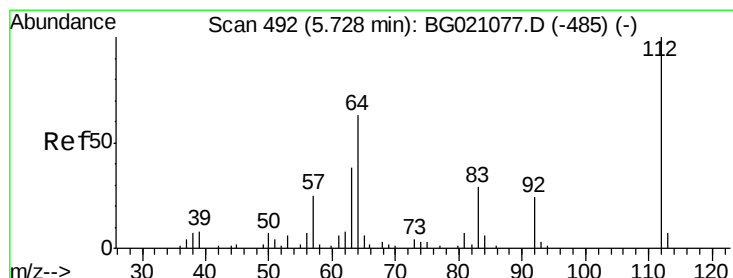
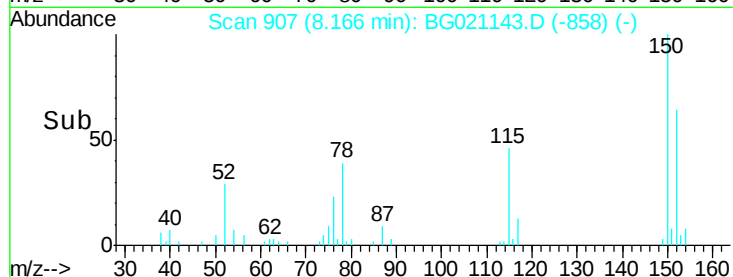
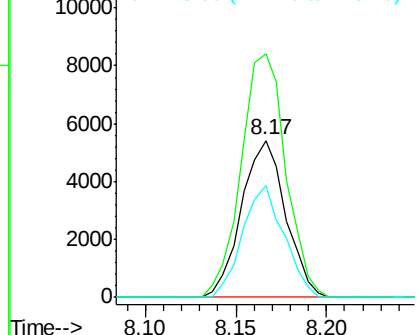
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.17 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BG021143.D
 Acq: 28 Feb 2016 9:24

Instrument :
 BNA_G
 ClientSampled :
 P-05

Tgt Ion:152 Resp: 9165
 Ion Ratio Lower Upper
 152 100
 150 155.5 123.4 185.2
 115 71.1 43.3 64.9#

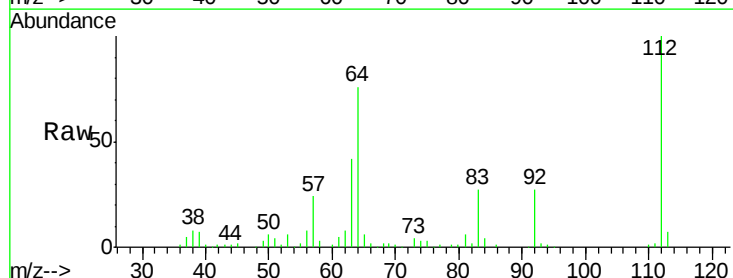


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

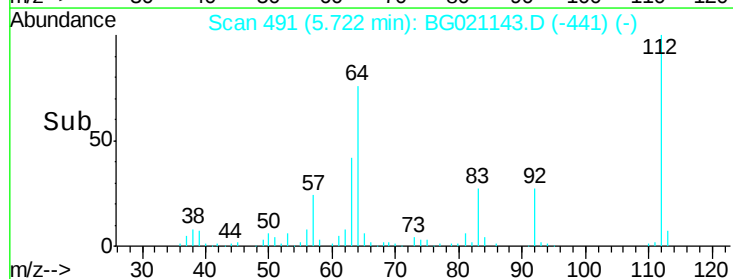
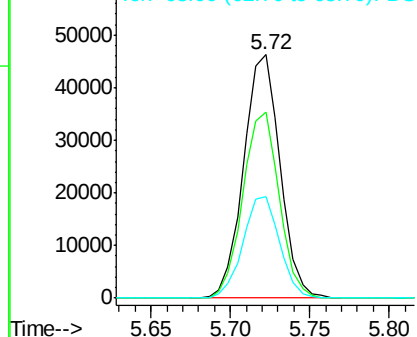


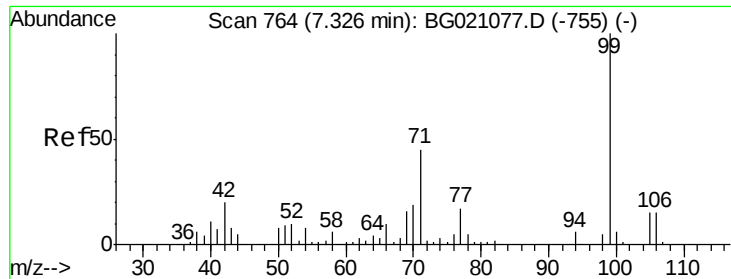
#5
 2-Fluorophenol
 Concen: 140.91 ng
 RT: 5.72 min Scan# 491
 Delta R.T. -0.00 min
 Lab File: BG021143.D
 Acq: 28 Feb 2016 9:24

Tgt Ion:112 Resp: 73765
 Ion Ratio Lower Upper
 112 100
 64 76.3 42.6 63.8#
 63 41.9 21.7 32.5#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 152.63 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.02 min

Lab File: BG021143.D

Acq: 28 Feb 2016 9:24

Instrument :

BNA_G

ClientSampleId :

P-05

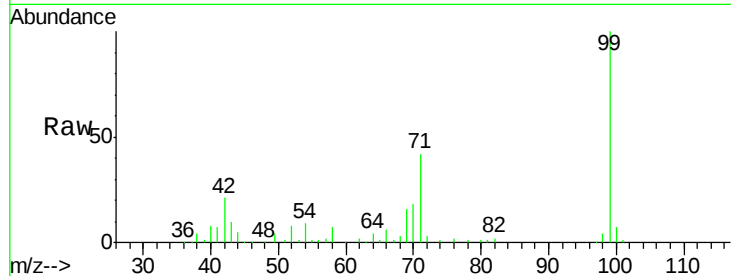
Tgt Ion: 99 Resp: 118898

Ion Ratio Lower Upper

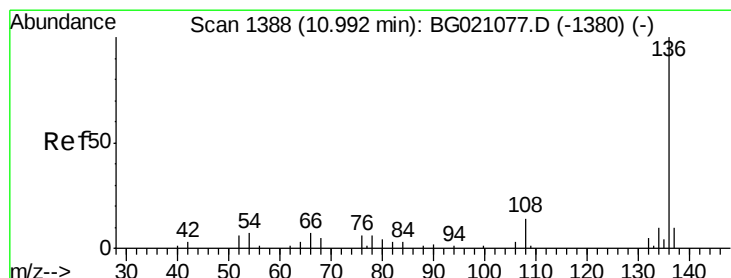
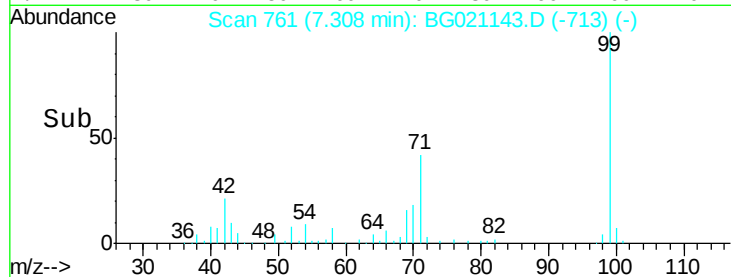
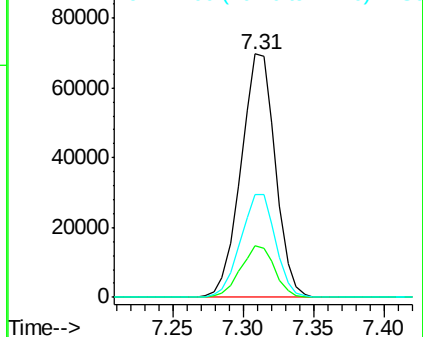
99 100

42 21.0 13.2 19.8#

71 42.3 25.2 37.8#



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: 10.97 min Scan# 1385

Delta R.T. -0.02 min

Lab File: BG021143.D

Acq: 28 Feb 2016 9:24

Tgt Ion: 136 Resp: 43708

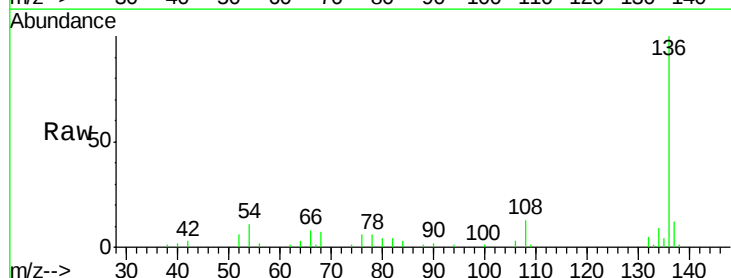
Ion Ratio Lower Upper

136 100

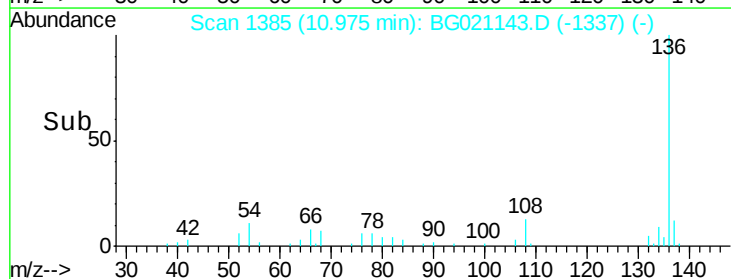
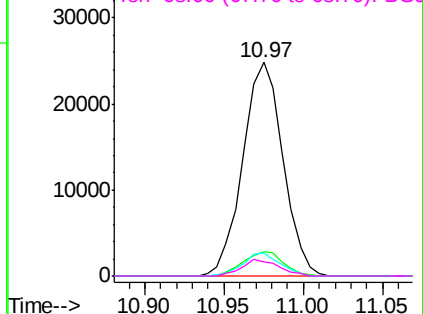
137 11.5 8.8 13.2

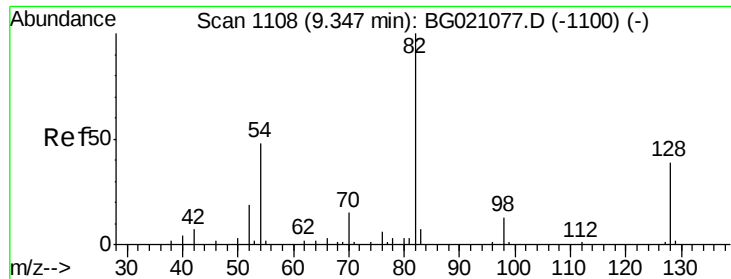
54 10.8 6.9 10.3#

68 6.8 5.8 8.6



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

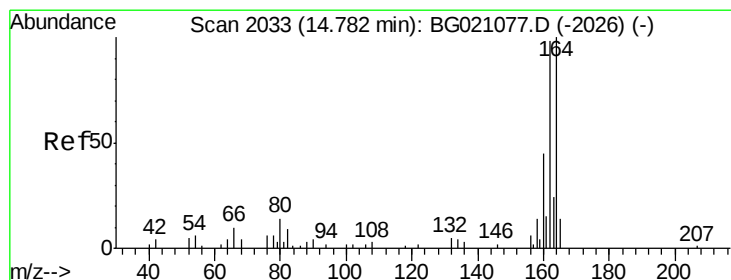
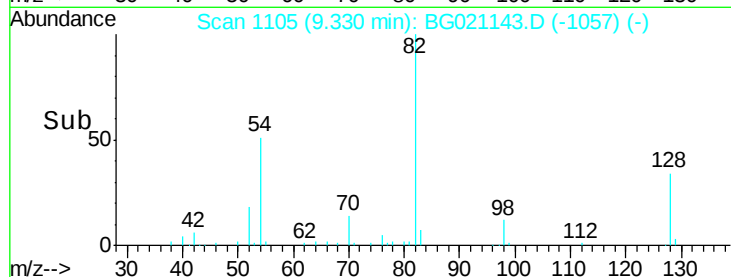
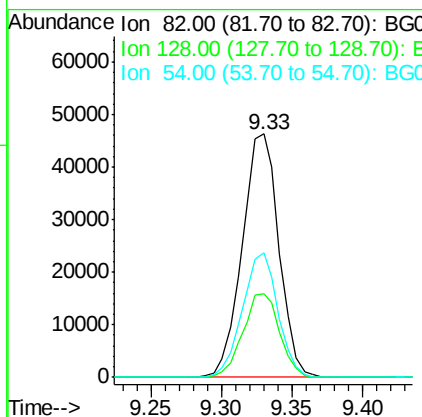
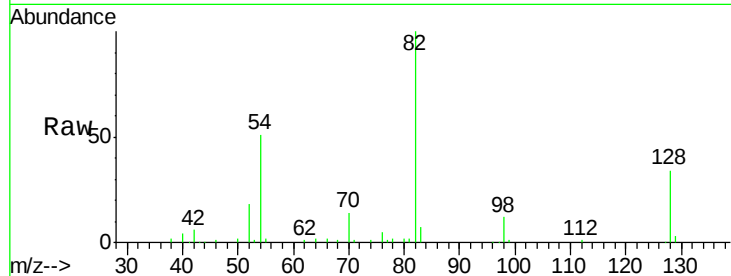




#23
 Nitrobenzene-d5
 Concen: 91.75 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.02 min
 Lab File: BG021143.D
 Acq: 28 Feb 2016 9:24

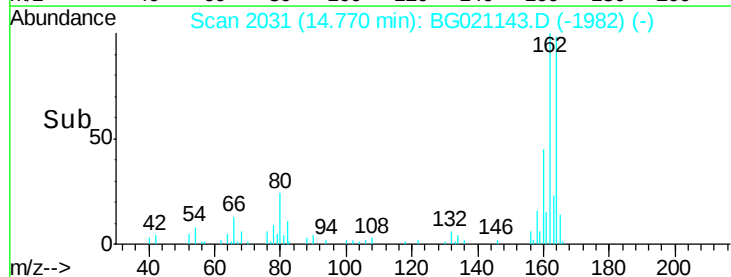
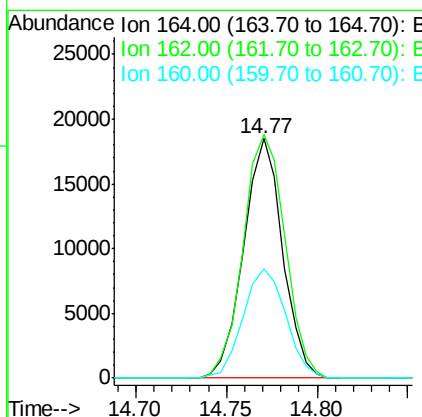
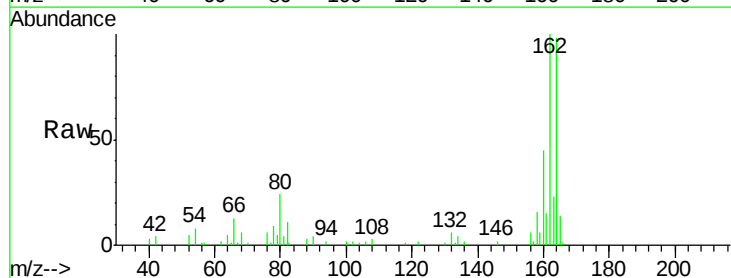
Instrument :
 BNA_G
 ClientSampleId :
 P-05

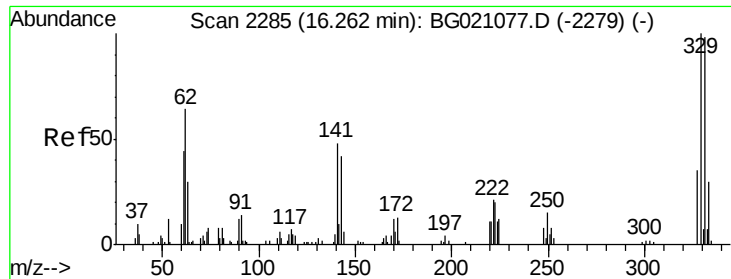
Tgt Ion: 82 Resp: 84170
 Ion Ratio Lower Upper
 82 100
 128 34.4 36.3 54.5#
 54 51.3 37.6 56.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.77 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG021143.D
 Acq: 28 Feb 2016 9:24

Tgt Ion: 164 Resp: 27621
 Ion Ratio Lower Upper
 164 100
 162 101.7 80.6 120.8
 160 45.5 36.5 54.7

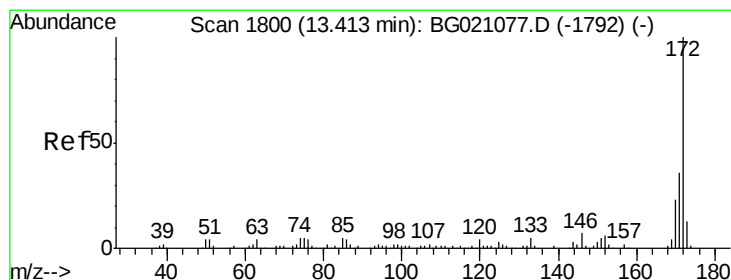
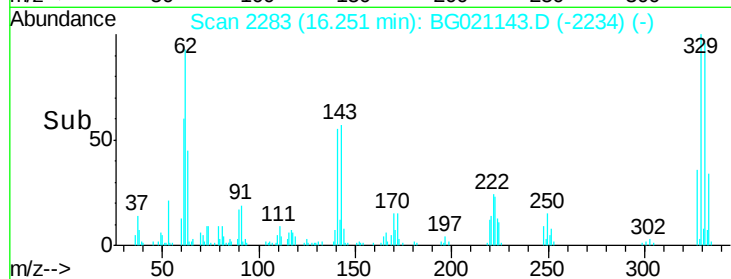
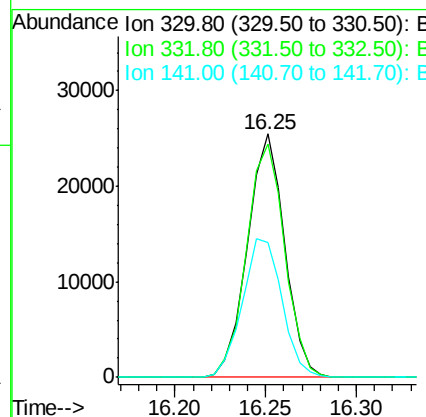
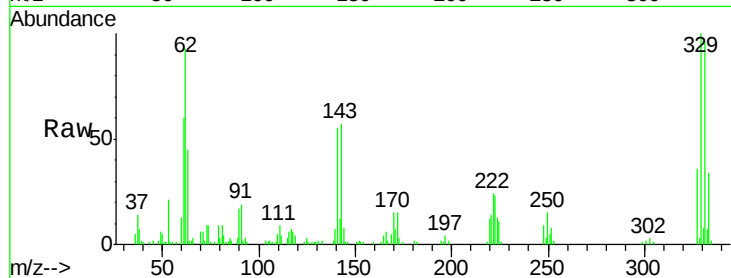




#41
 2,4,6-Tribromophenol
 Concen: 100.21 ng
 RT: 16.25 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BG021143.D
 Acq: 28 Feb 2016 9:24

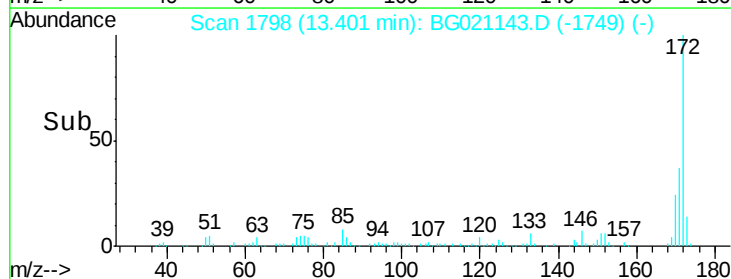
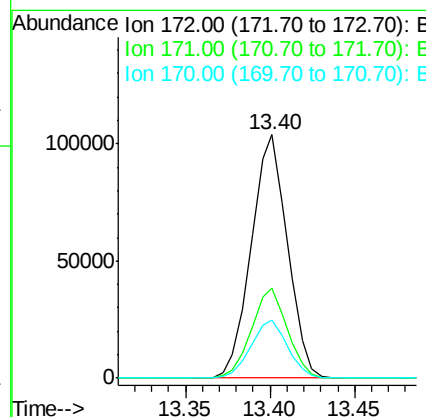
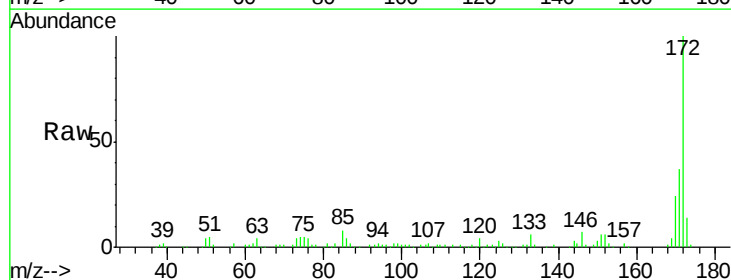
Instrument :
 BNA_G
 ClientSampleId :
 P-05

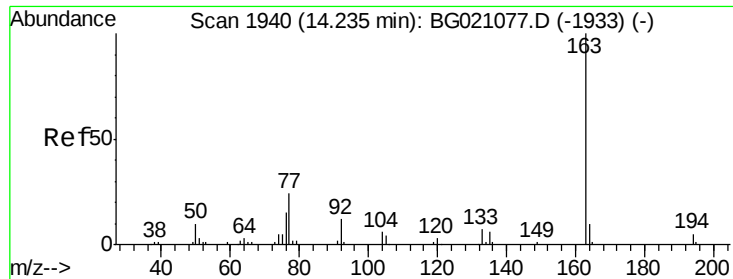
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.4	116.0
141	60.6	35.3	52.9#



#44
 2-Fluorobiphenyl
 Concen: 71.75 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG021143.D
 Acq: 28 Feb 2016 9:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.0	19.8	29.8





#49

Dimethylphthalate

Concen: 12.93 ng

RT: 14.22 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG021143.D

Acq: 28 Feb 2016 9:24

Instrument :

BNA_G

ClientSampleId :

P-05

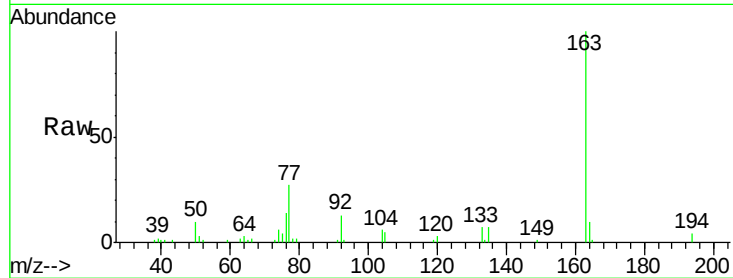
Tgt Ion:163 Resp: 30779

Ion Ratio Lower Upper

163 100

194 4.2 2.8 4.2

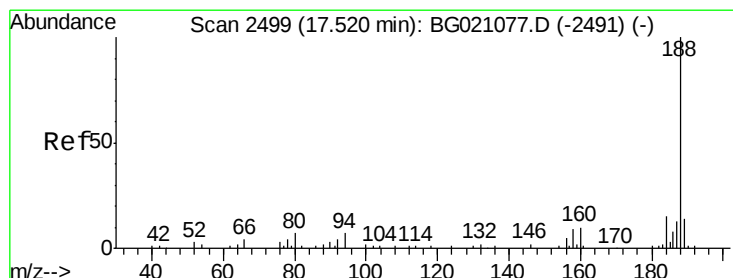
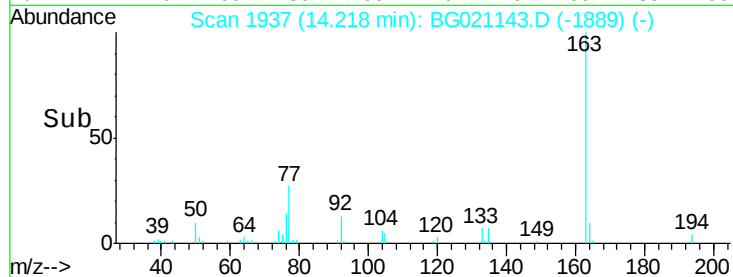
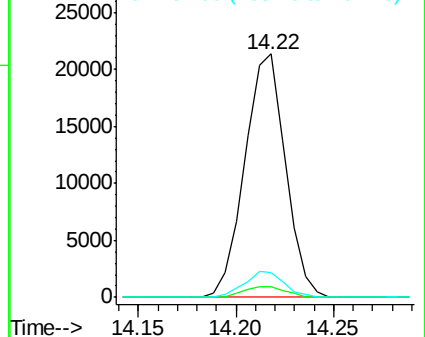
164 10.1 7.9 11.9



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: 17.50 min Scan# 2496

Delta R.T. -0.02 min

Lab File: BG021143.D

Acq: 28 Feb 2016 9:24

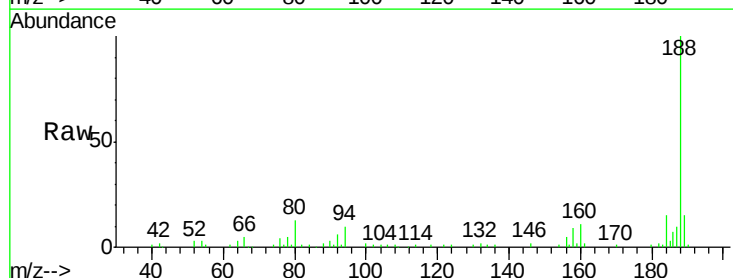
Tgt Ion:188 Resp: 64369

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.4

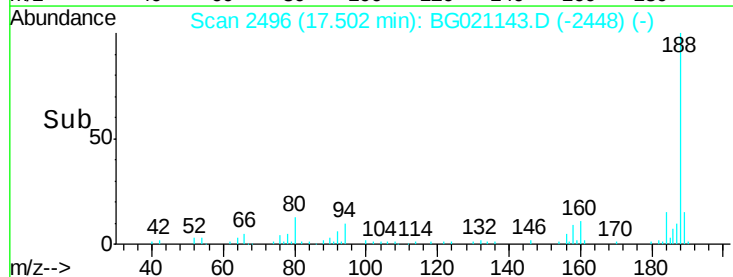
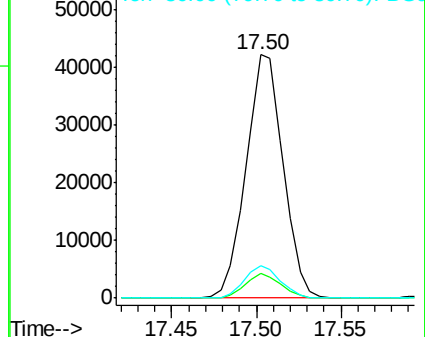
80 13.4 9.2 13.8

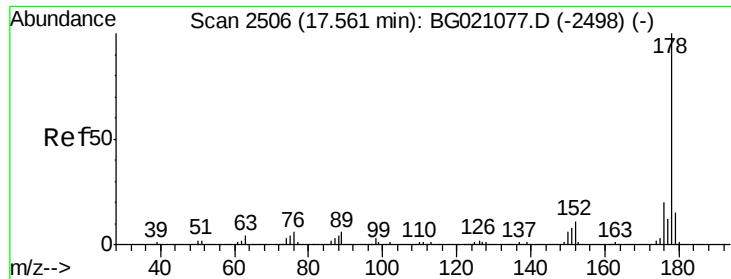


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#70

Phenanthrene

Concen: 8.85 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG021143.D

Acq: 28 Feb 2016 9:24

Instrument :

BNA_G

ClientSampleId :

P-05

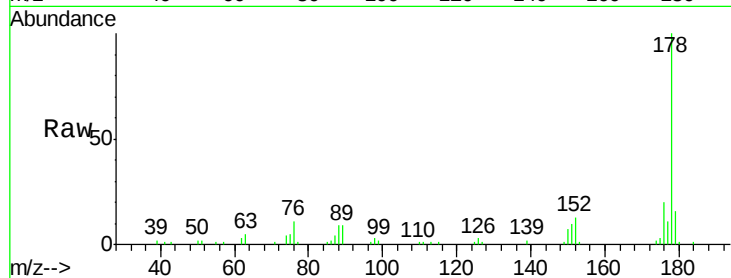
Tgt Ion:178 Resp: 30654

Ion Ratio Lower Upper

178 100

176 19.5 16.2 24.4

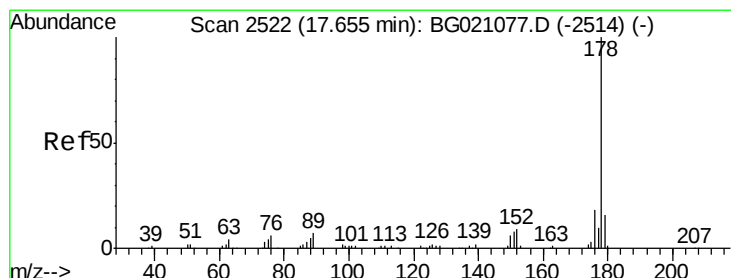
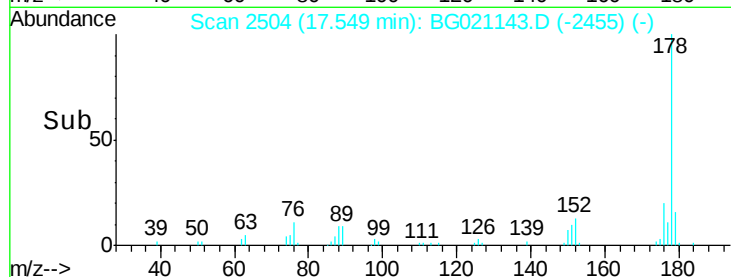
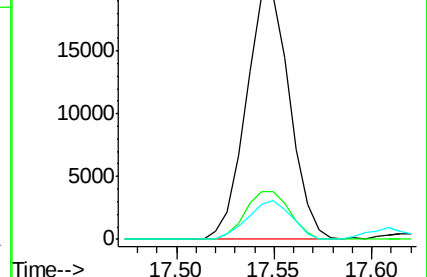
179 16.0 12.9 19.3



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: 8.79 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.11 min

Lab File: BG021143.D

Acq: 28 Feb 2016 9:24

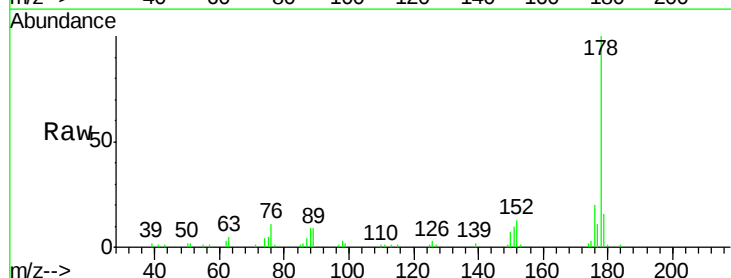
Tgt Ion:178 Resp: 30654

Ion Ratio Lower Upper

178 100

176 19.5 14.8 22.2

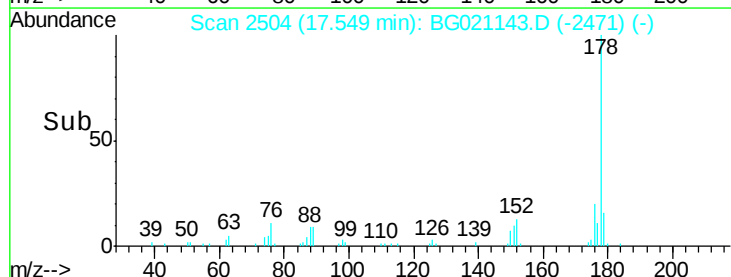
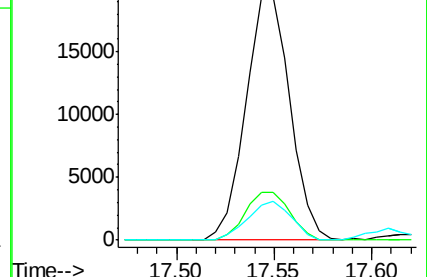
179 16.0 12.6 19.0

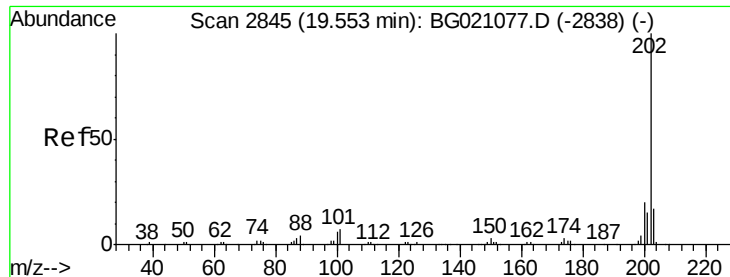


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 5.54 ng

RT: 19.54 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG021143.D

Acq: 28 Feb 2016 9:24

Instrument :

BNA_G

ClientSampleId :

P-05

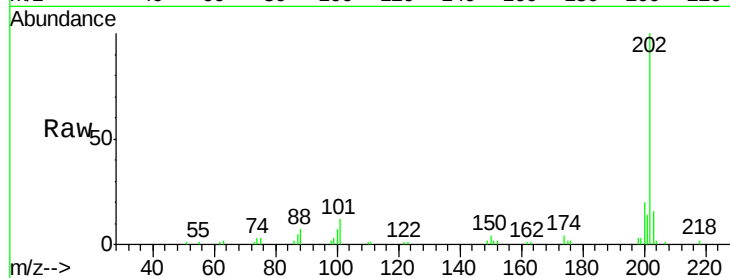
Tgt Ion:202 Resp: 24086

Ion Ratio Lower Upper

202 100

101 12.4 0.0 32.5

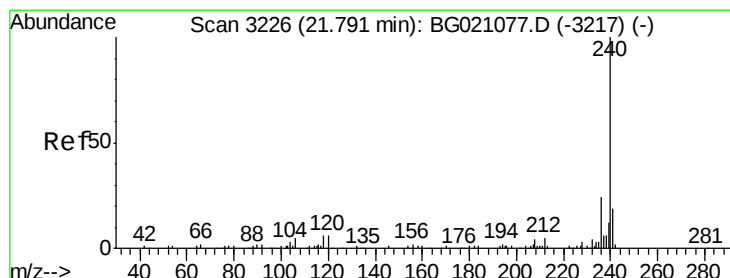
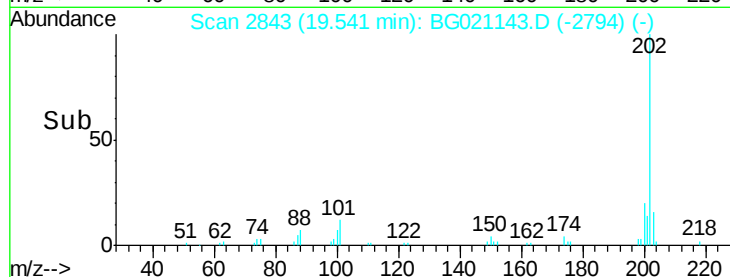
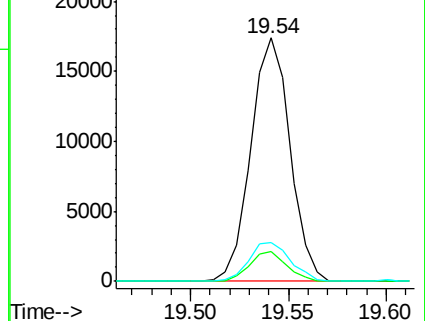
203 16.0 0.0 37.6



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: 21.77 min Scan# 3222

Delta R.T. -0.02 min

Lab File: BG021143.D

Acq: 28 Feb 2016 9:24

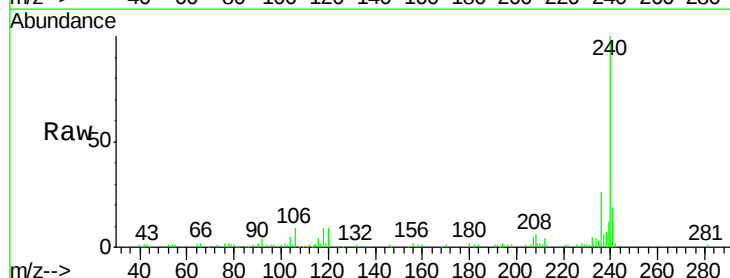
Tgt Ion:240 Resp: 66411

Ion Ratio Lower Upper

240 100

120 9.3 7.5 11.3

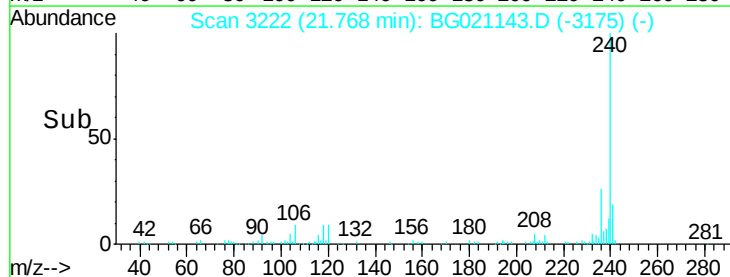
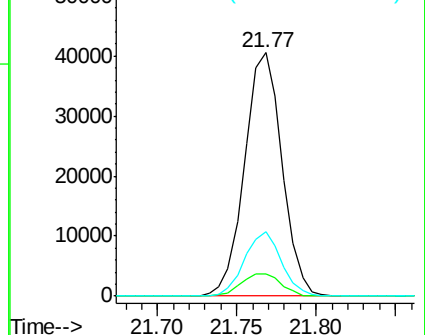
236 26.2 20.5 30.7

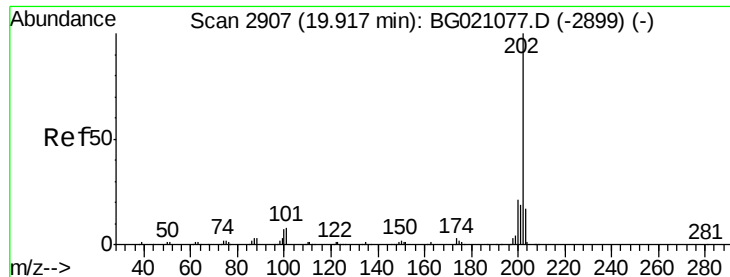


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

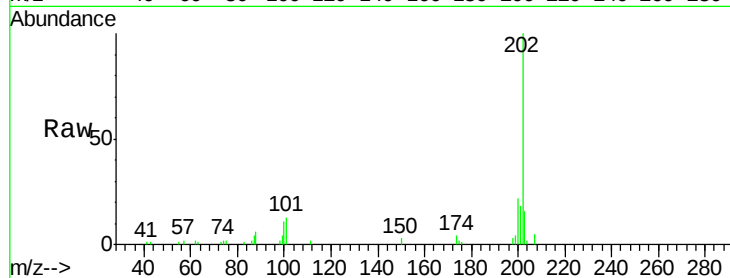




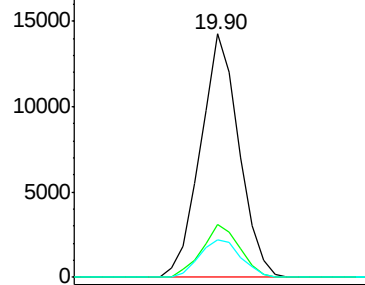
#77
Pyrene
Concen: 5.30 ng
RT: 19.90 min Scan# 2904
Delta R.T. -0.02 min
Lab File: BG021143.D
Acq: 28 Feb 2016 9:24

Instrument :
BNA_G
ClientSampleId :
P-05

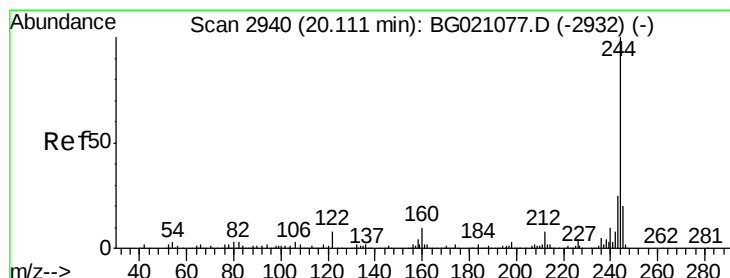
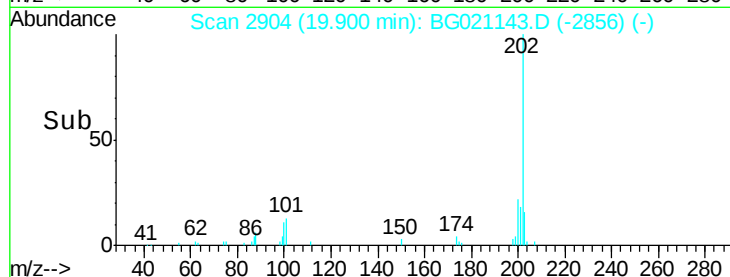
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.6	25.0
203	15.5	13.8	20.8



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

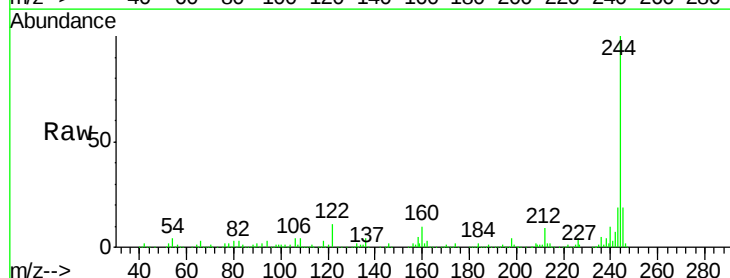


Time-->

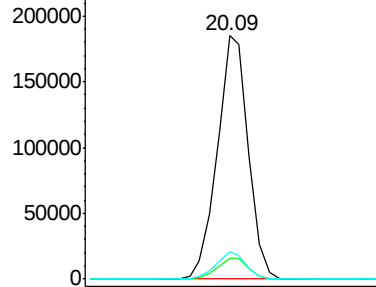


#78
Terphenyl-d14
Concen: 82.65 ng
RT: 20.09 min Scan# 2937
Delta R.T. -0.02 min
Lab File: BG021143.D
Acq: 28 Feb 2016 9:24

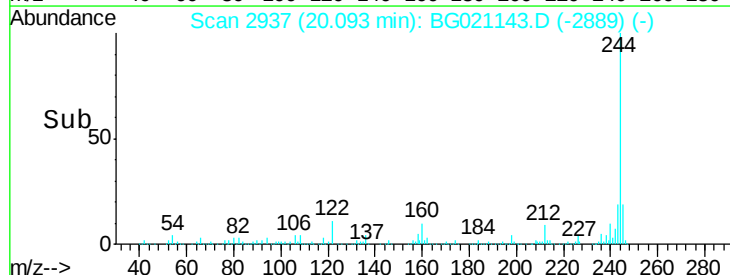
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.6
122	11.4	8.3	12.5

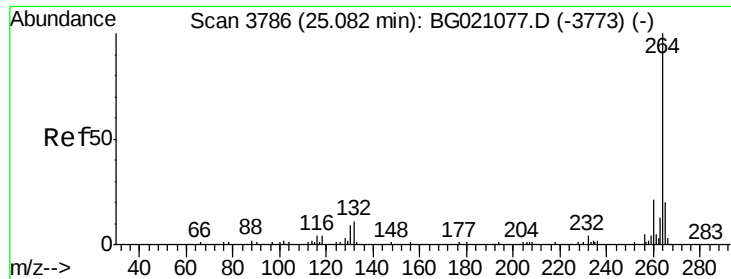


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.05 min Scan# 3780
Delta R.T. -0.04 min
Lab File: BG021143.D
Acq: 28 Feb 2016 9:24

Instrument :
BNA_G
ClientSampleId :
P-05

Tgt Ion: 264 Resp: 61201
Ion Ratio Lower Upper
264 100
260 23.9 18.5 27.7
265 22.6 18.6 28.0

