

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
 Data File : BG021135.D
 Acq On : 28 Feb 2016 4:11
 Operator : UM/SJ
 Sample : H1443-01RE
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP004RE

Quant Time: Feb 29 00:27:18 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

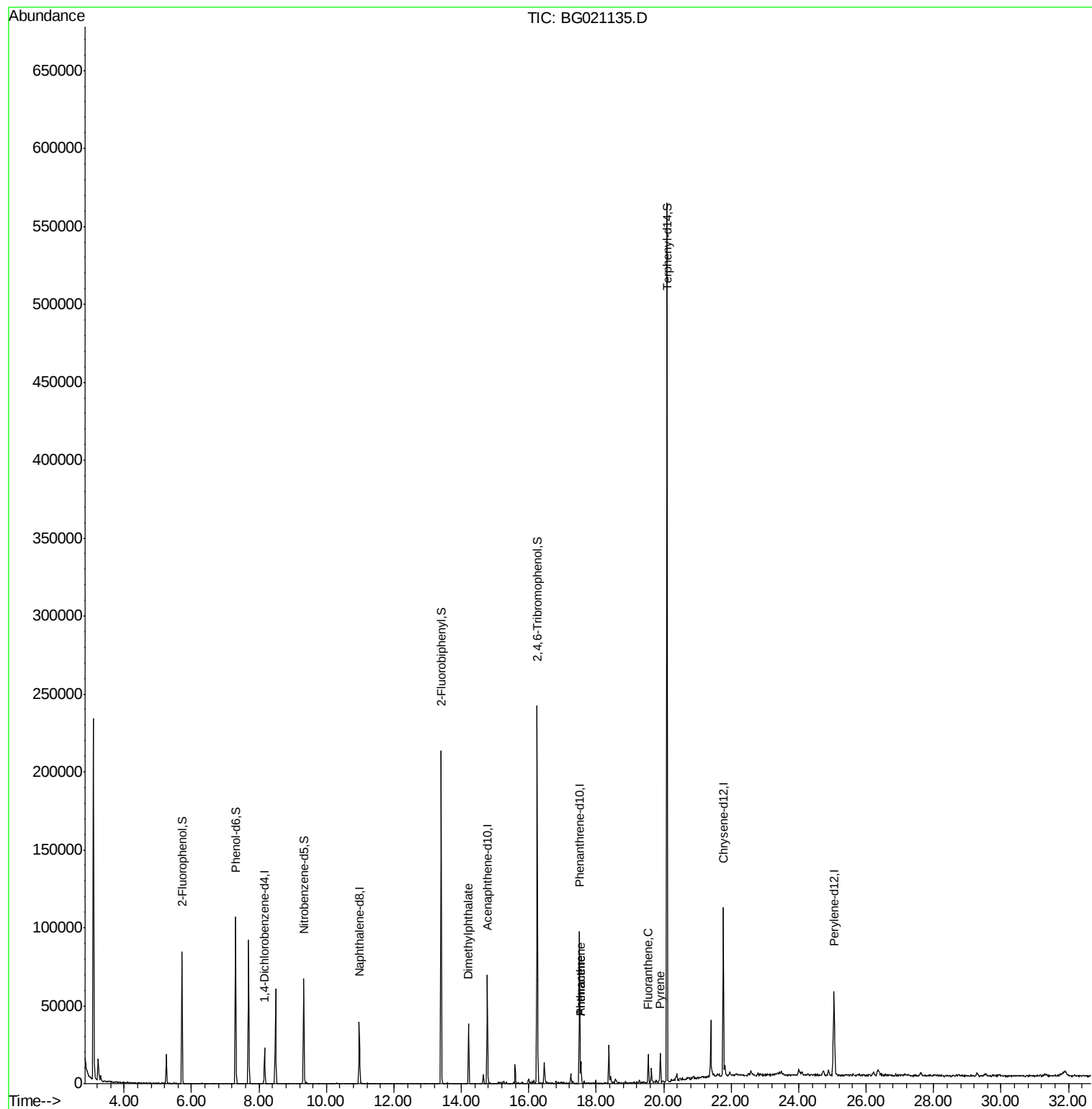
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	6115	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	32312	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	22339	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	56242	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	58173	20.00	ng	-0.02
86) Perylene-d12	25.05	264	53013	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	31974	91.54	ng	0.00
7) Phenol-d6	7.31	99	59485	114.45	ng	-0.02
23) Nitrobenzene-d5	9.32	82	42853	63.19	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	31365	107.09	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	99660	57.09	ng	-0.01
78) Terphenyl-d14	20.09	244	214436	86.15	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.21	163	21188	11.01	ng	Qvalue # 97
70) Phenanthrene	17.55	178	8962	2.96	ng	99
71) Anthracene	17.55	178	8962	2.94	ng	97
74) Fluoranthene	19.54	202	10860	2.86	ng	97
77) Pyrene	19.90	202	11867	3.68	ng	98

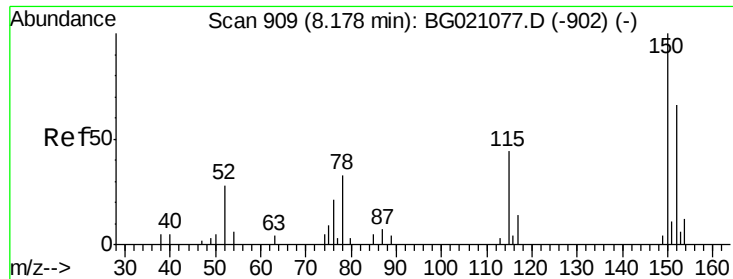
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
Data File : BG021135.D
Acq On : 28 Feb 2016 4:11
Operator : UM/SJ
Sample : H1443-01RE
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EP004RE

Quant Time: Feb 29 00:27:18 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

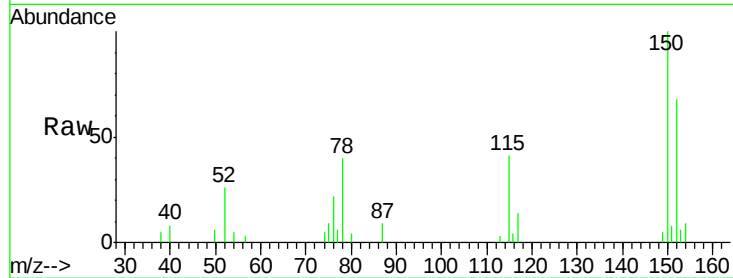




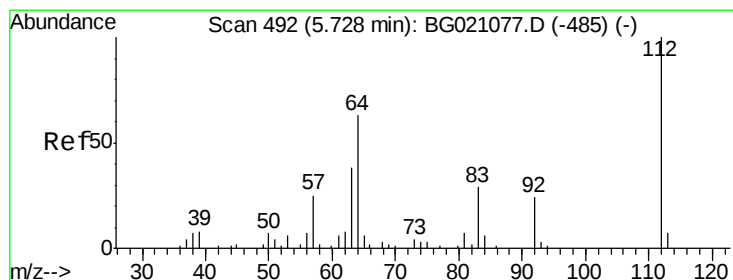
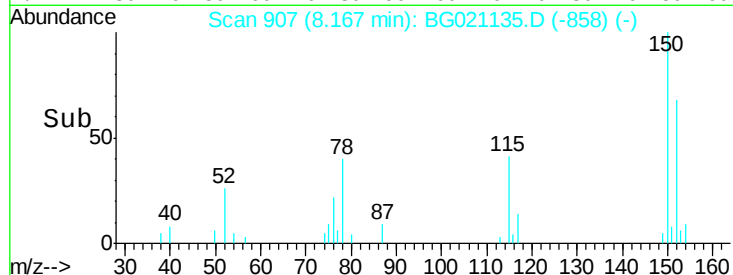
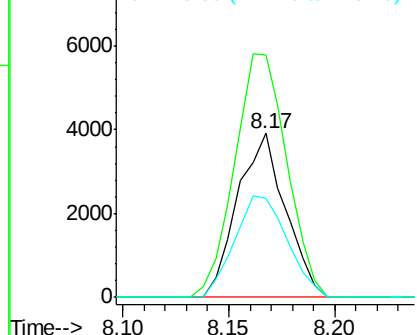
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.17 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BG021135.D
 Acq: 28 Feb 2016 4:11

Instrument :
 BNA_G
 ClientSampleId :
 EP004RE

Tgt Ion:152 Resp: 6115
 Ion Ratio Lower Upper
 152 100
 150 148.0 123.4 185.2
 115 60.4 43.3 64.9

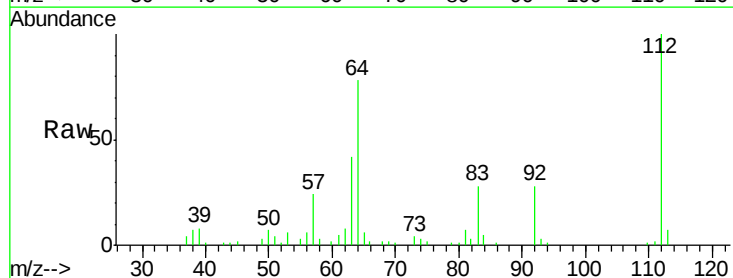


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

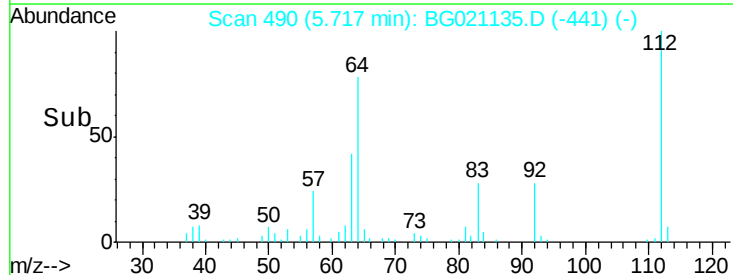
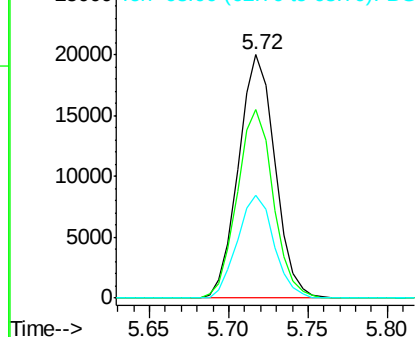


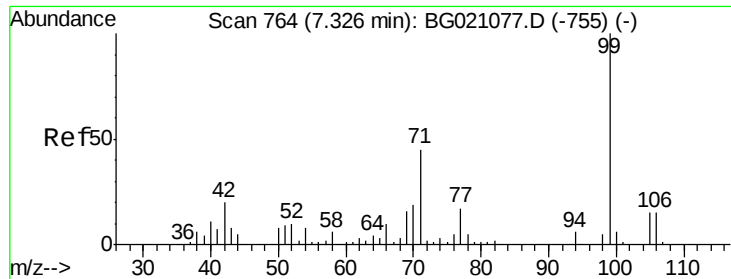
#5
 2-Fluorophenol
 Concen: 91.54 ng
 RT: 5.72 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BG021135.D
 Acq: 28 Feb 2016 4:11

Tgt Ion:112 Resp: 31974
 Ion Ratio Lower Upper
 112 100
 64 77.5 42.6 63.8#
 63 42.0 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: 114.45 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.02 min

Lab File: BG021135.D

Acq: 28 Feb 2016 4:11

Instrument :

BNA_G

ClientSampleId :

EP004RE

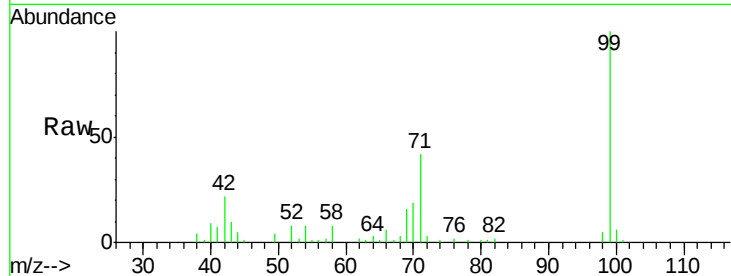
Tgt Ion: 99 Resp: 59485

Ion Ratio Lower Upper

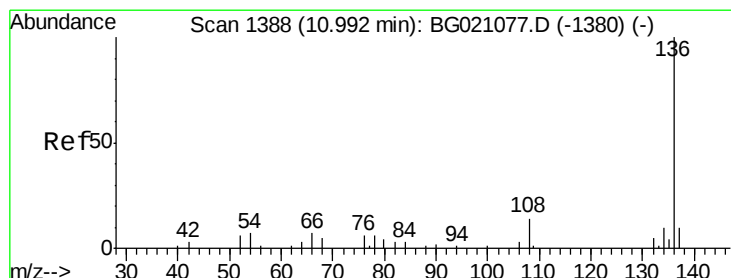
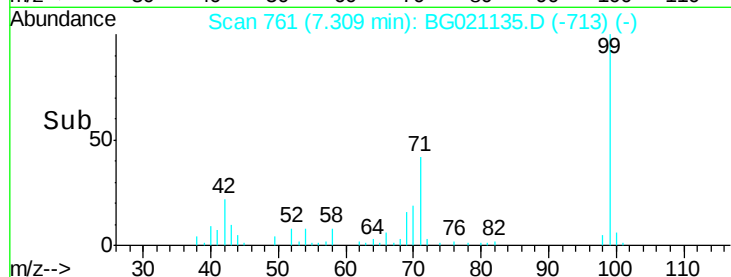
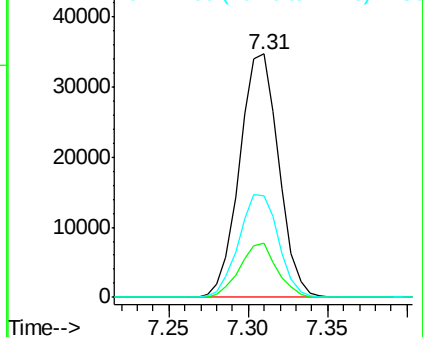
99 100

42 22.4 13.2 19.8#

71 41.7 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: 10.98 min Scan# 1385

Delta R.T. -0.02 min

Lab File: BG021135.D

Acq: 28 Feb 2016 4:11

Tgt Ion: 136 Resp: 32312

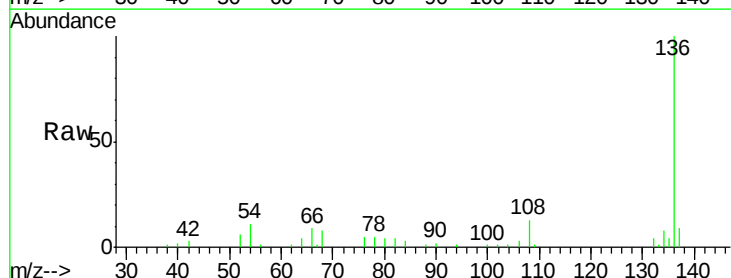
Ion Ratio Lower Upper

136 100

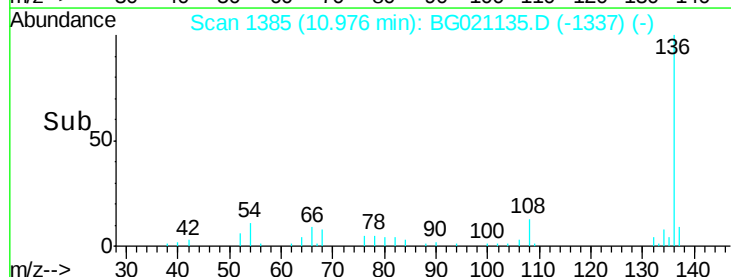
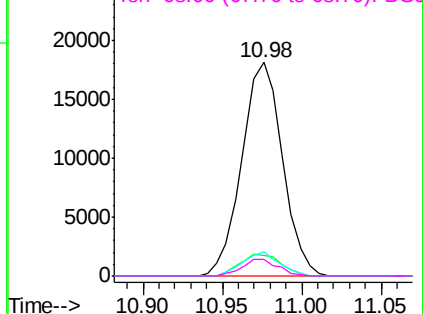
137 9.5 8.8 13.2

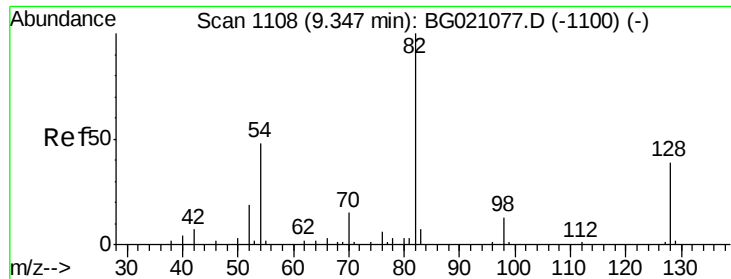
54 11.4 6.9 10.3#

68 7.7 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

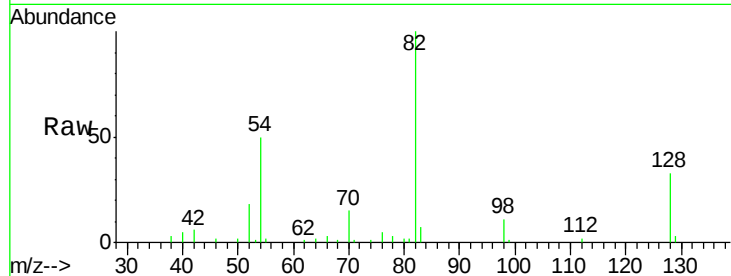




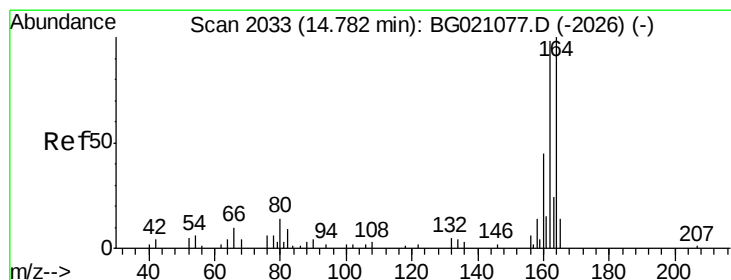
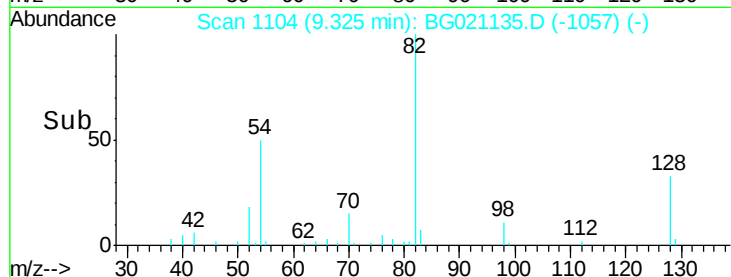
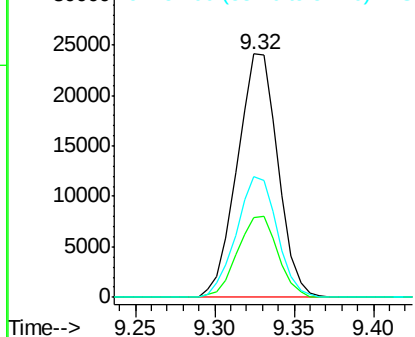
#23
Nitrobenzene-d5
Concen: 63.19 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BG021135.D
Acq: 28 Feb 2016 4:11

Instrument :
BNA_G
ClientSampleId :
EP004RE

Tgt Ion: 82 Resp: 42853
Ion Ratio Lower Upper
82 100
128 32.5 36.3 54.5#
54 49.7 37.6 56.4

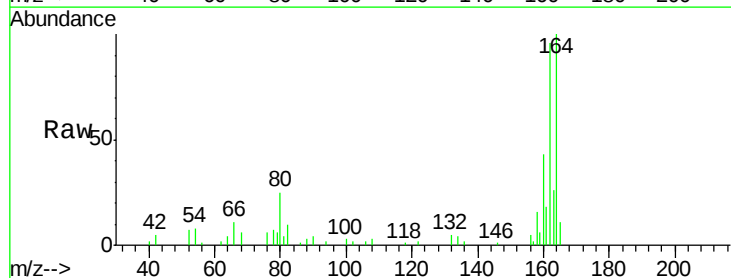


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

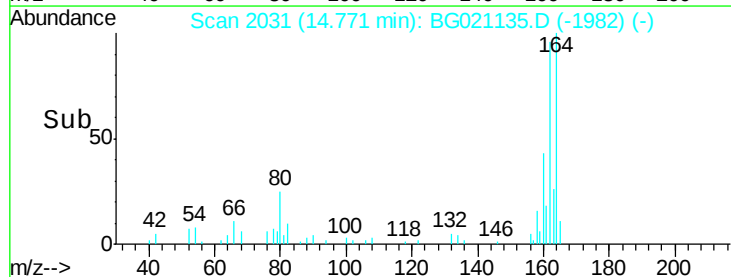
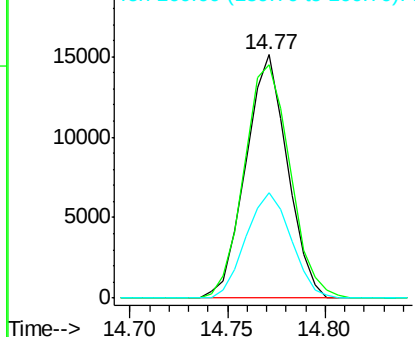


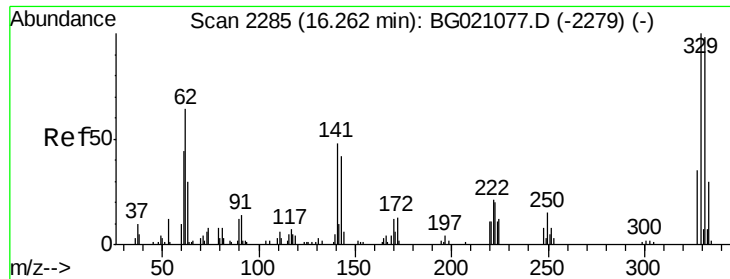
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG021135.D
Acq: 28 Feb 2016 4:11

Tgt Ion: 164 Resp: 22339
Ion Ratio Lower Upper
164 100
162 96.0 80.6 120.8
160 43.2 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

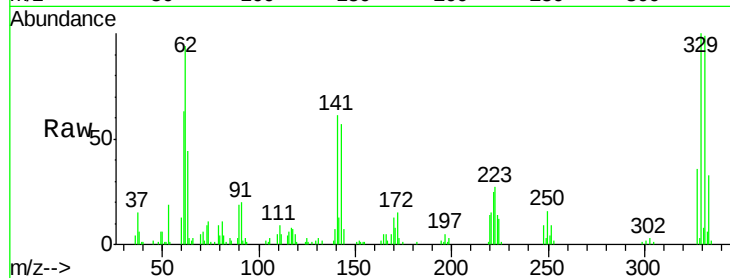




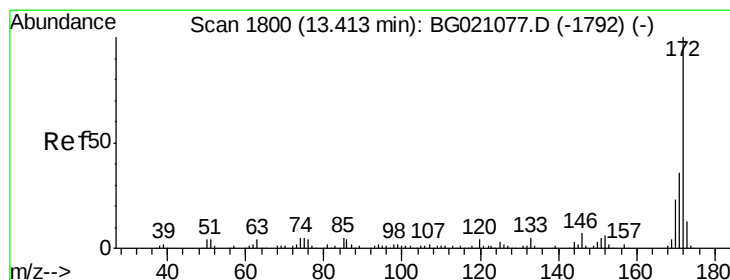
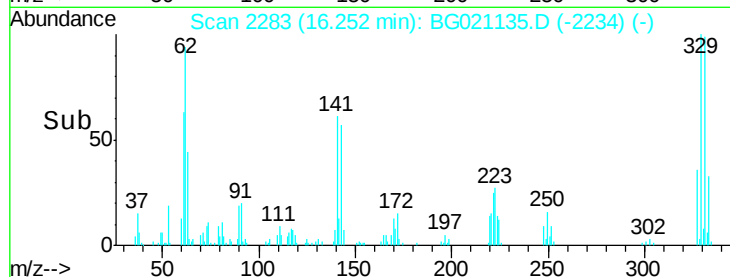
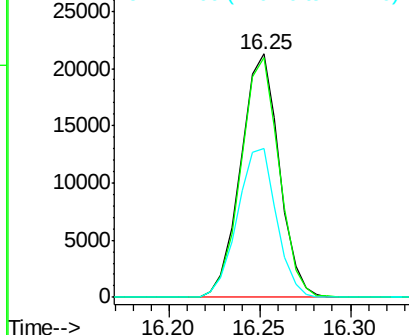
#41
 2,4,6-Tribromophenol
 Concen: 107.09 ng
 RT: 16.25 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BG021135.D
 Acq: 28 Feb 2016 4:11

Instrument :
 BNA_G
 ClientSampleId :
 EP004RE

Tgt Ion:330 Resp: 31365
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.0
 141 61.7 35.3 52.9#

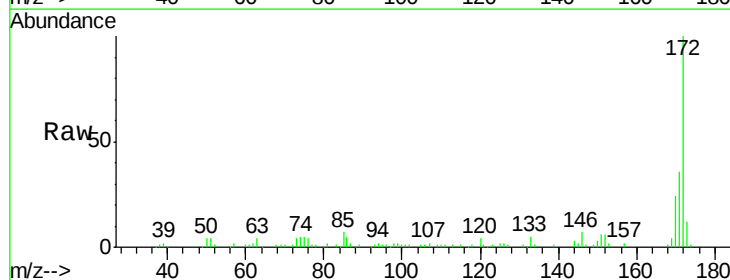


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

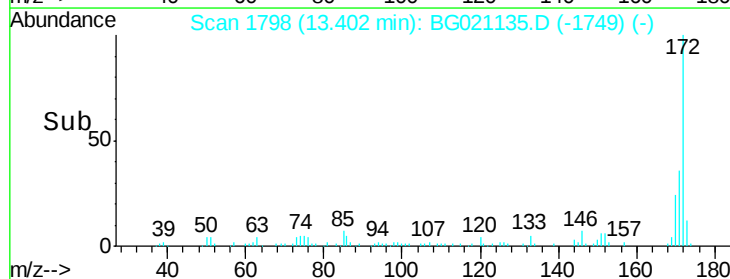
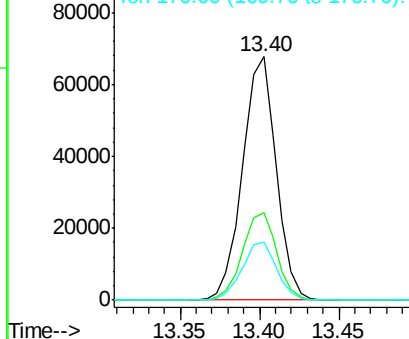


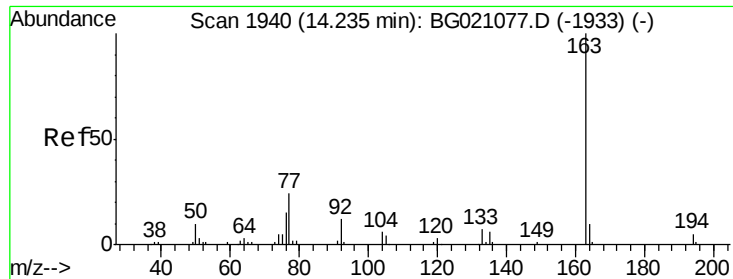
#44
 2-Fluorobiphenyl
 Concen: 57.09 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG021135.D
 Acq: 28 Feb 2016 4:11

Tgt Ion:172 Resp: 99660
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 23.7 19.8 29.8



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: 11.01 ng

RT: 14.21 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BG021135.D

Acq: 28 Feb 2016 4:11

Instrument :

BNA_G

ClientSampleId :

EP004RE

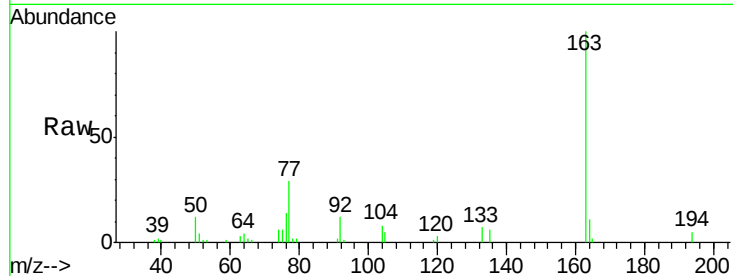
Tgt Ion:163 Resp: 21188

Ion Ratio Lower Upper

163 100

194 5.4 2.8 4.2#

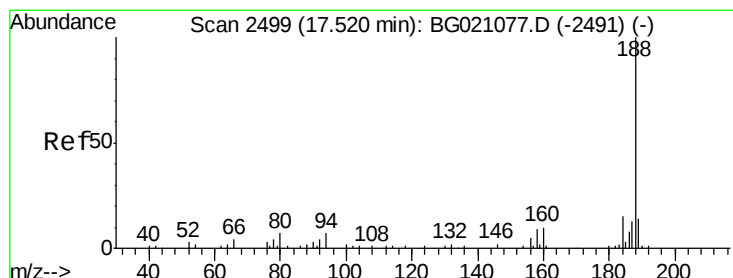
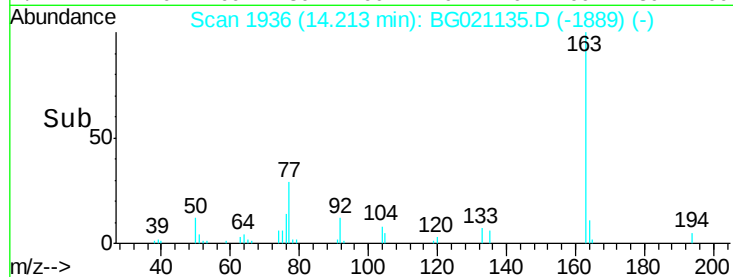
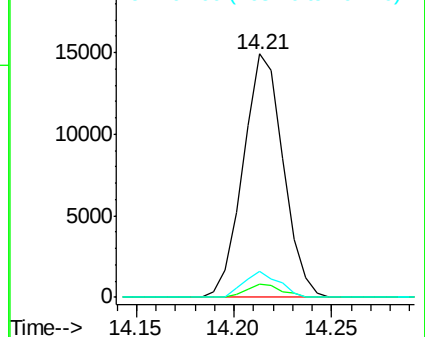
164 10.7 7.9 11.9



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: BG021135.D

Acq: 28 Feb 2016 4:11

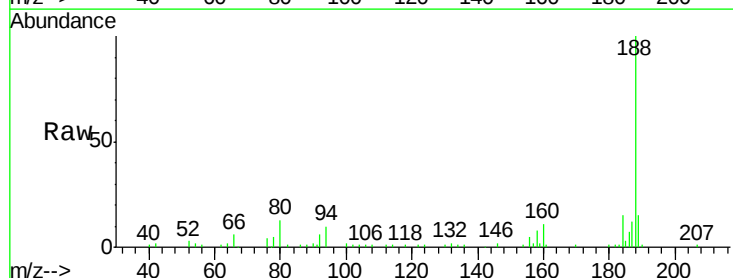
Tgt Ion:188 Resp: 56242

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.4

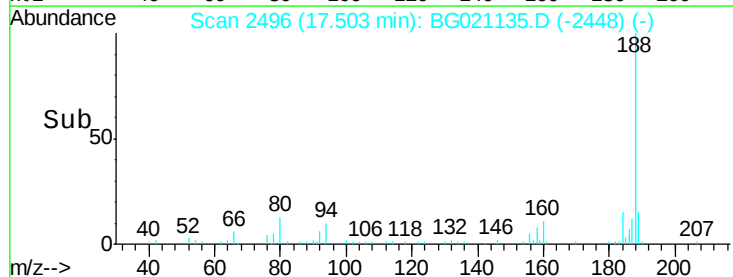
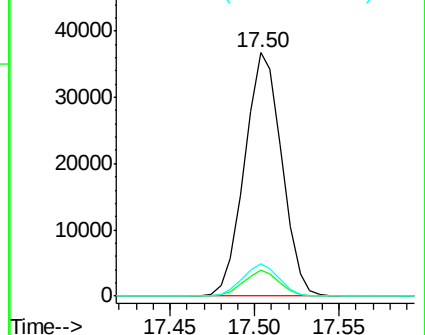
80 13.3 9.2 13.8

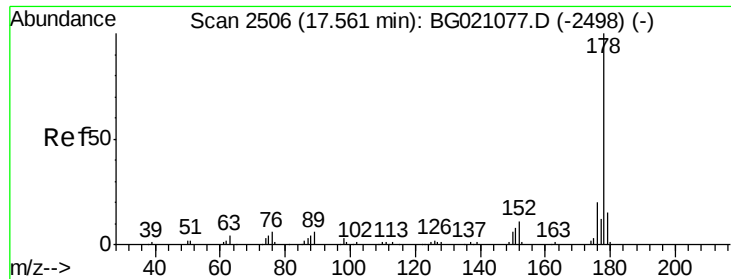


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#70

Phenanthrene

Concen: 2.96 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG021135.D

Acq: 28 Feb 2016 4:11

Instrument :

BNA_G

ClientSampleId :

EP004RE

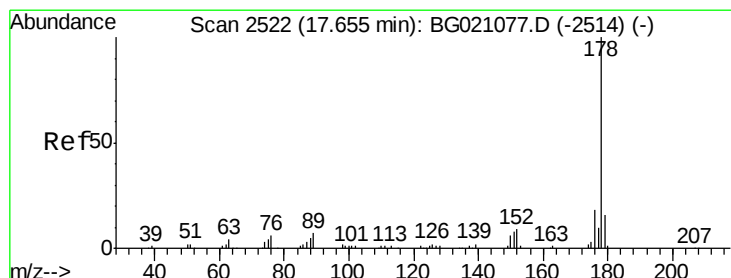
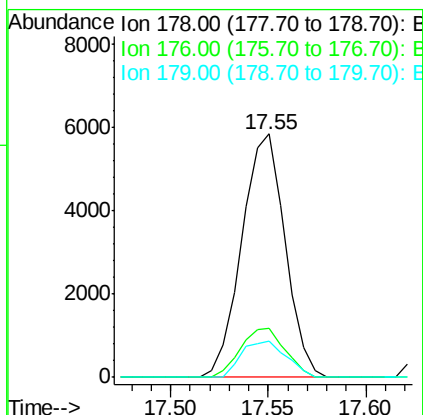
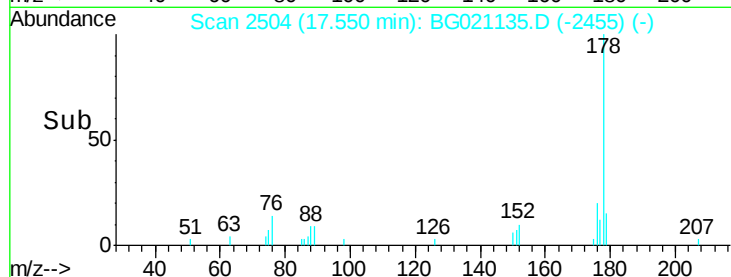
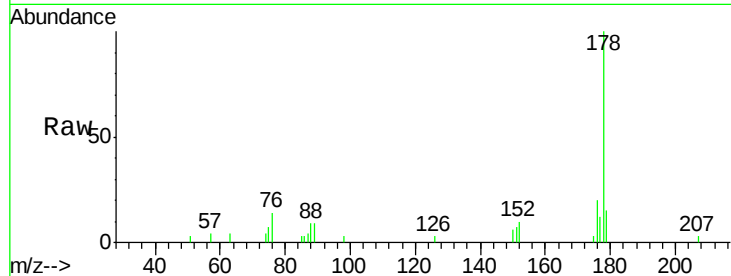
Tgt Ion:178 Resp: 8962

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.4

179 15.0 12.9 19.3



#71

Anthracene

Concen: 2.94 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.10 min

Lab File: BG021135.D

Acq: 28 Feb 2016 4:11

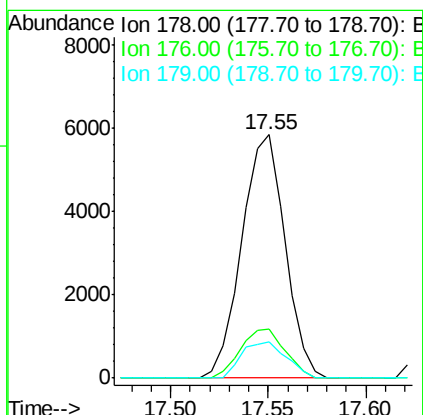
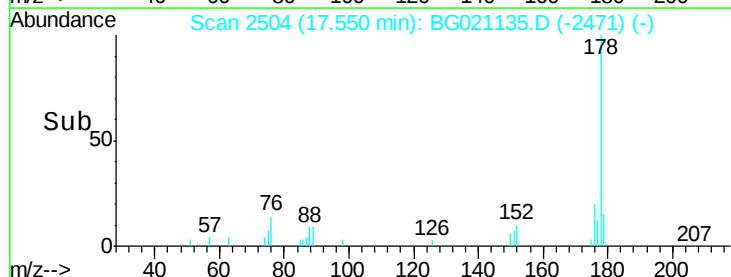
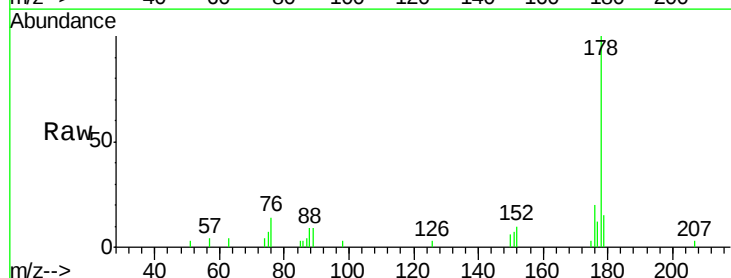
Tgt Ion:178 Resp: 8962

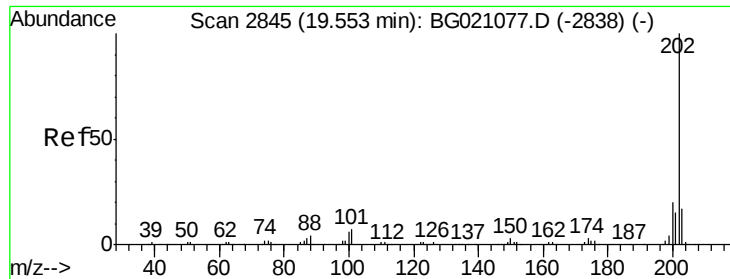
Ion Ratio Lower Upper

178 100

176 20.3 14.8 22.2

179 15.0 12.6 19.0





#74

Fluoranthene

Concen: 2.86 ng

RT: 19.54 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG021135.D

Acq: 28 Feb 2016 4:11

Instrument :

BNA_G

ClientSampleId :

EP004RE

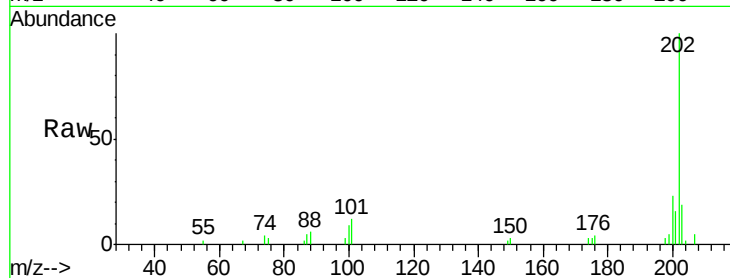
Tgt Ion: 202 Resp: 10860

Ion Ratio Lower Upper

202 100

101 11.8 0.0 32.5

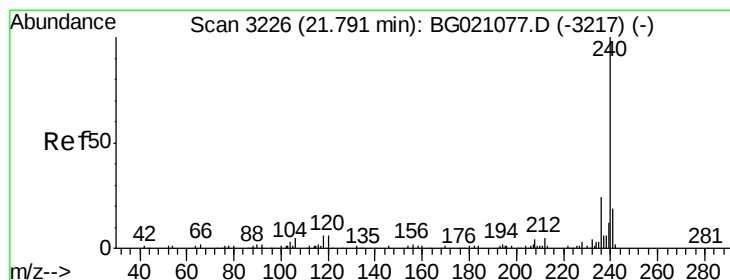
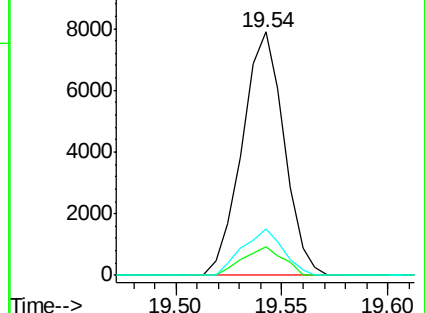
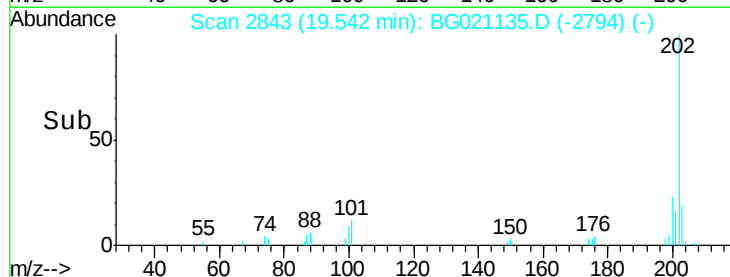
203 19.1 0.0 37.6



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: BG021135.D

Acq: 28 Feb 2016 4:11

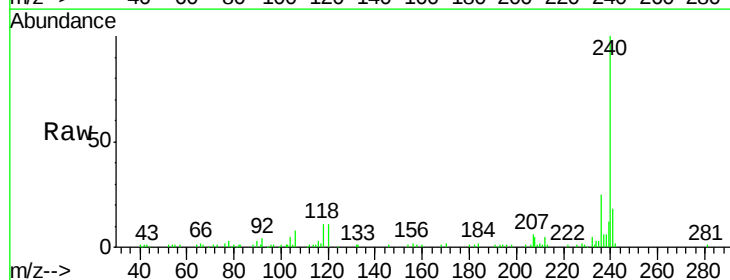
Tgt Ion: 240 Resp: 58173

Ion Ratio Lower Upper

240 100

120 11.1 7.5 11.3

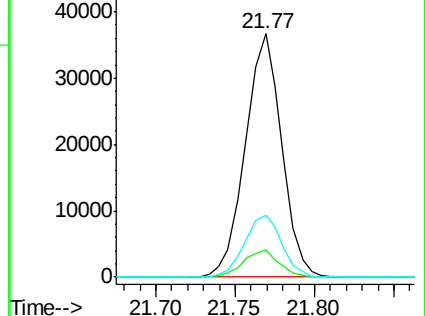
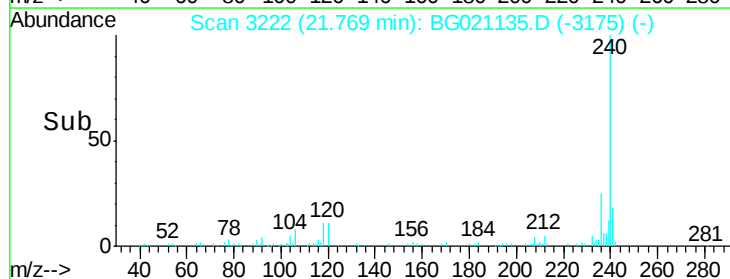
236 25.3 20.5 30.7

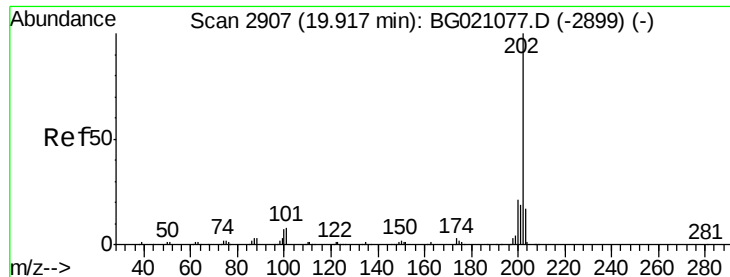


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 3.68 ng

RT: 19.90 min Scan# 2904

Delta R.T. -0.02 min

Lab File: BG021135.D

Acq: 28 Feb 2016 4:11

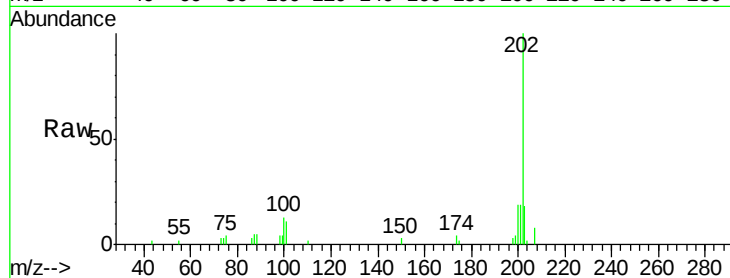
Instrument :

BNA_G

ClientSampleId :

EP004RE

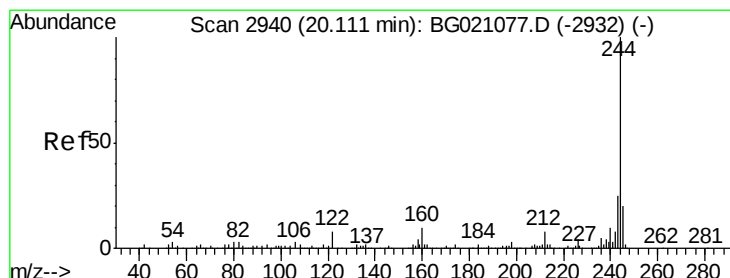
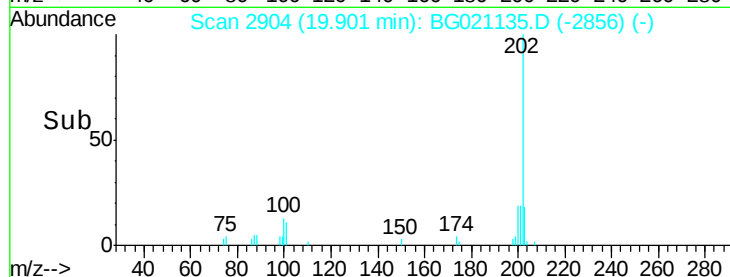
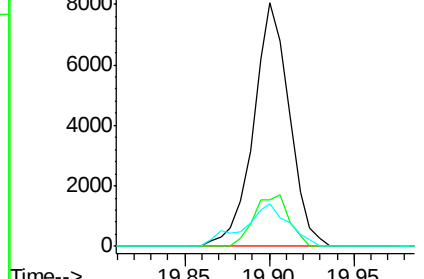
Tgt Ion:	202	Resp:	11867
Ion Ratio	Lower	Upper	
202	100		
200	19.2	16.6	25.0
203	17.7	13.8	20.8



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



#78

Terphenyl-d14

Concen: 86.15 ng

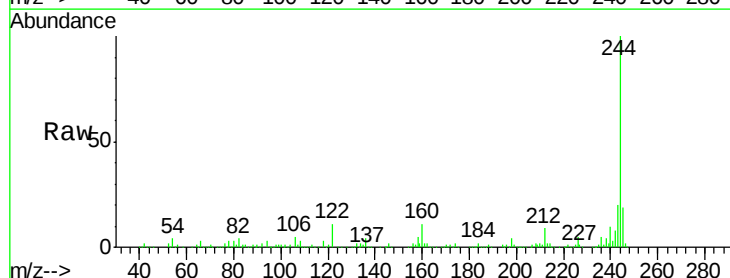
RT: 20.09 min Scan# 2937

Delta R.T. -0.02 min

Lab File: BG021135.D

Acq: 28 Feb 2016 4:11

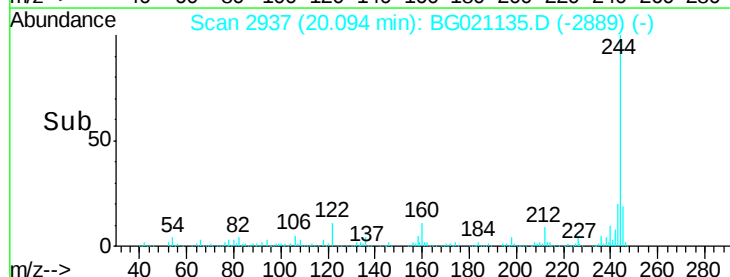
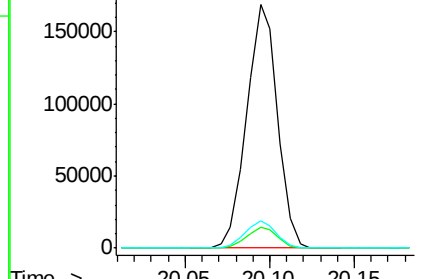
Tgt Ion:	244	Resp:	214436
Ion Ratio	Lower	Upper	
244	100		
212	8.7	5.8	8.6#
122	11.5	8.3	12.5

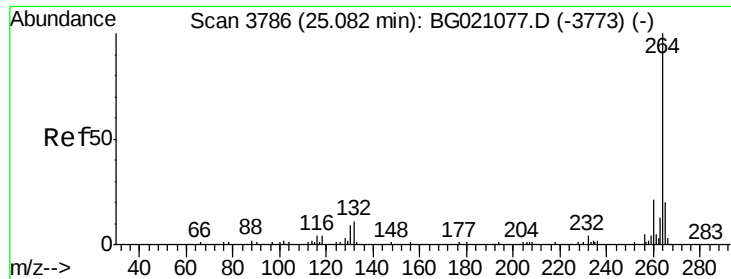


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

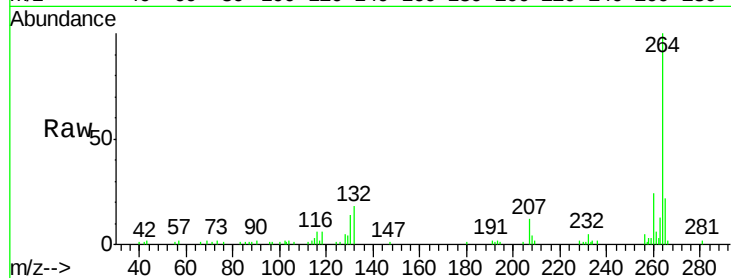




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.05 min Scan# 3780
Delta R.T. -0.03 min
Lab File: BG021135.D
Acq: 28 Feb 2016 4:11

Instrument :
BNA_G
ClientSampleId :
EP004RE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.5	27.7
265	21.9	18.6	28.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

