

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 00:47:36 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

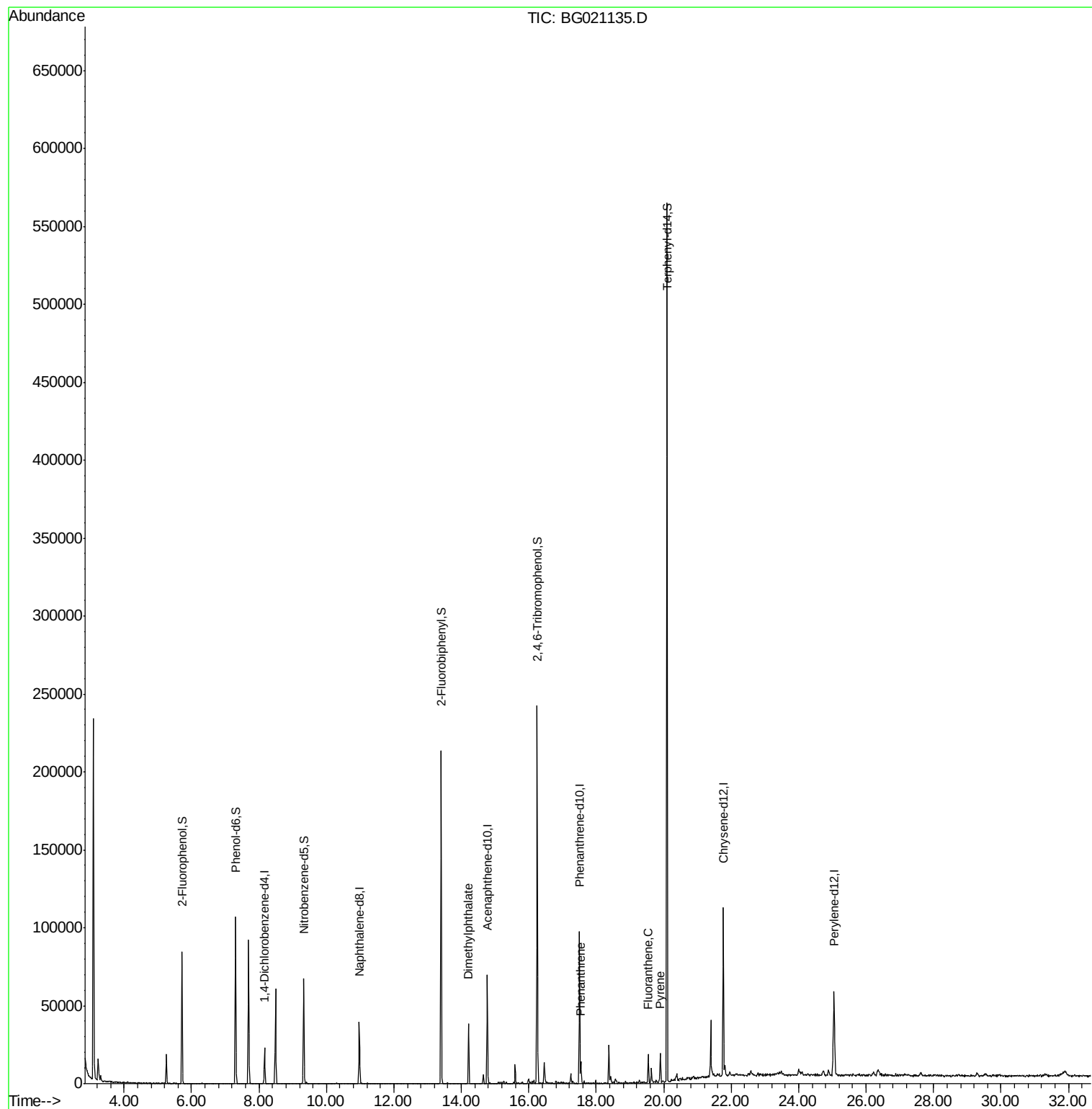
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	6115	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	32312	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	22339	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	56242	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	58173	20.00	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
74) Fluoranthene	19.54	202	10860	2.86	ng	97
77) Pyrene	19.90	202	11867	3.68	ng	98

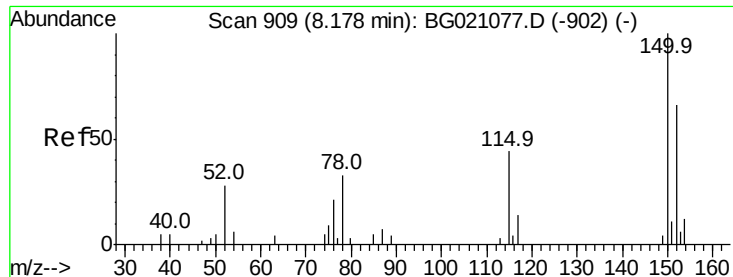
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG021135.D

Acq: 28 Feb 2016 4:11

Instrument :

BNA_G

ClientSampleId :

EP004RE

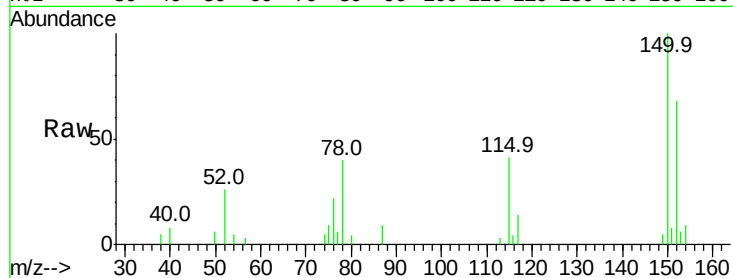
Tot Ion:152 Resp: 6115

Ion Ratio Lower Upper

152 100

150 148.0 123.4 185.2

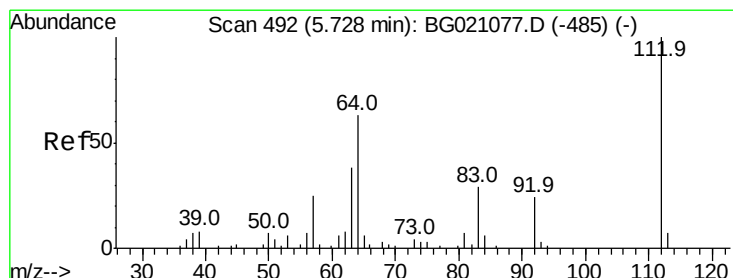
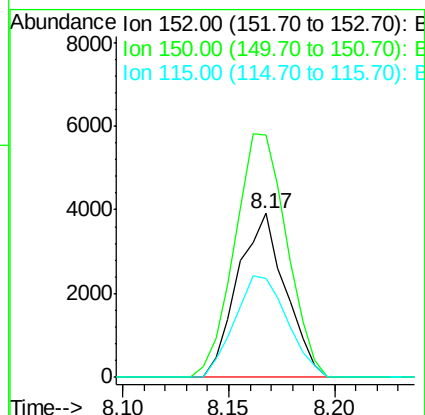
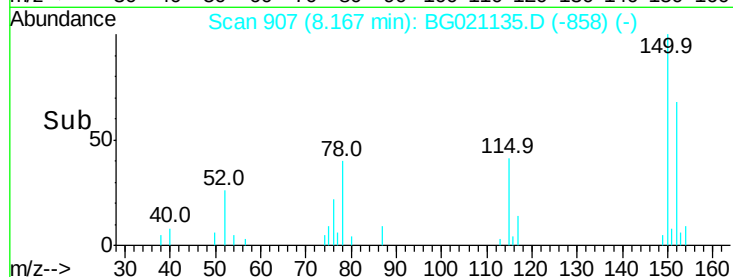
115 60.4 43.3 64.9



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

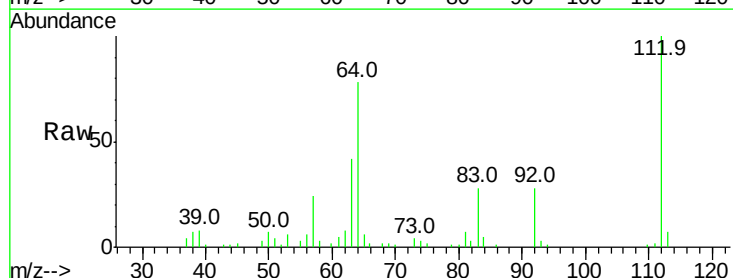
Tgt Ion:112 Resp: 31974

Ion Ratio Lower Upper

112 100

64 77.5 42.6 63.8#

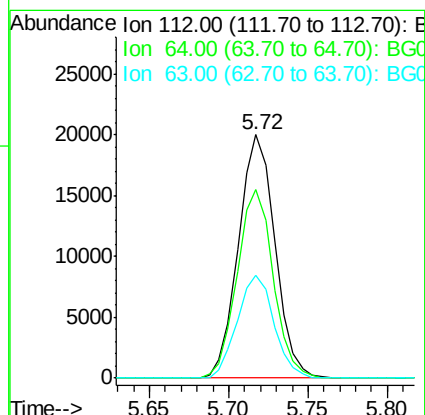
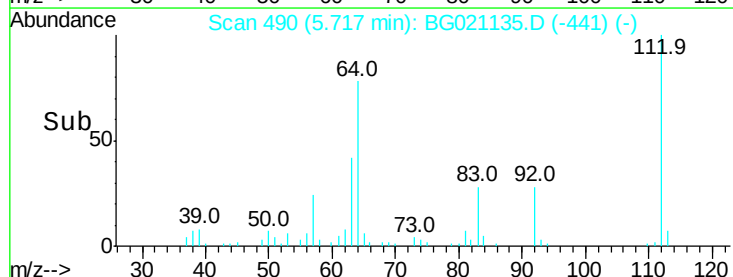
63 42.0 21.7 32.5#

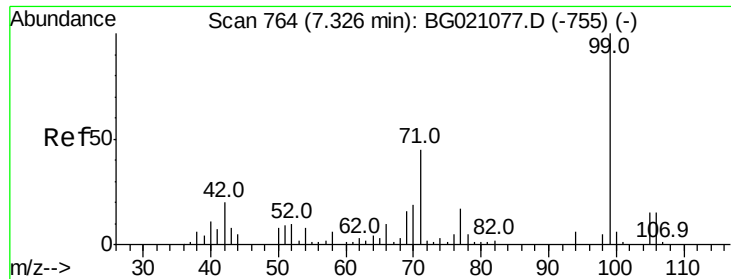


Abundance Ion 112.00 (111.70 to 112.70): E

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

ClientSampled :

EP004RE

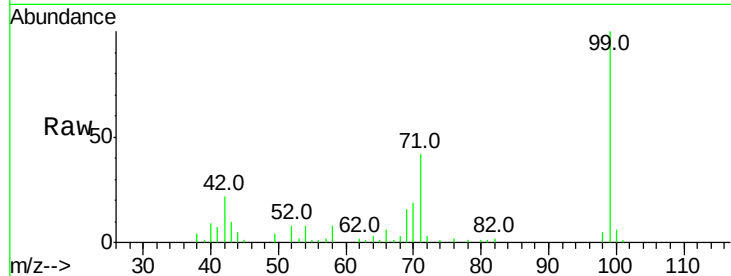
Tot Ion: 99 Resp: 59485

Ion Ratio Lower Upper

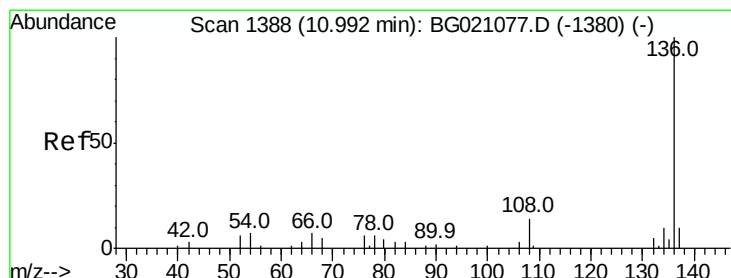
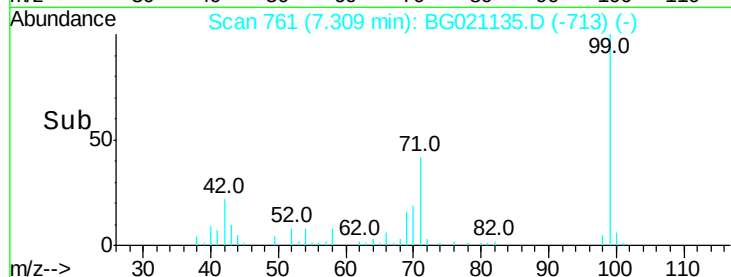
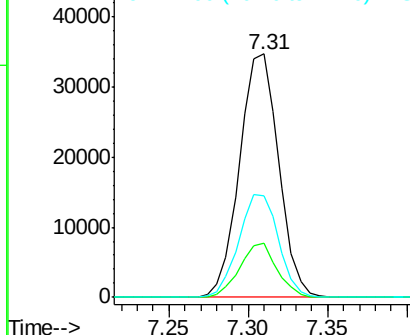
99 100

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

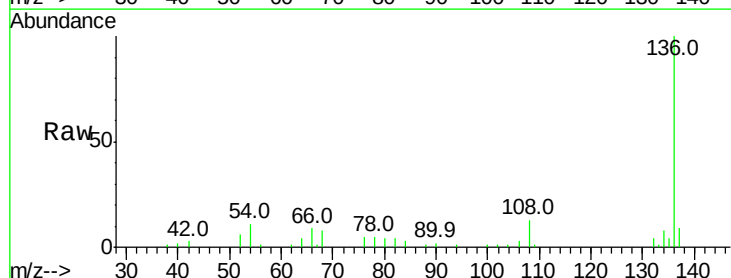
Ion Ratio Lower Upper

136 100

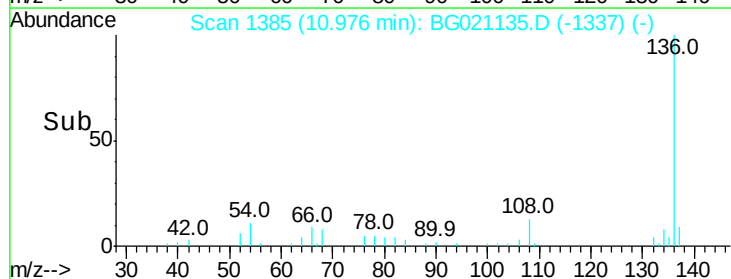
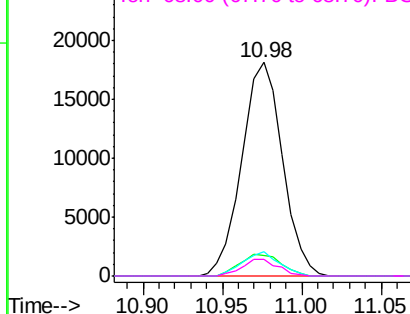
137 9.5 8.8 13.2

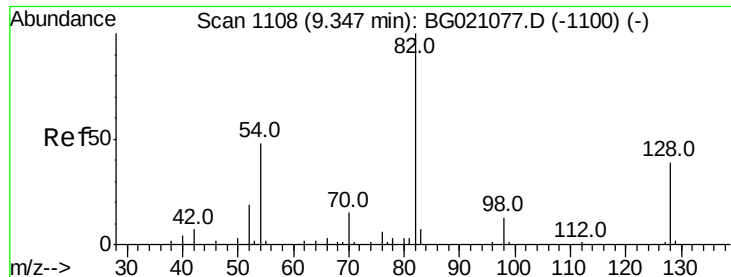
54 11.4 6.9 10.3#

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

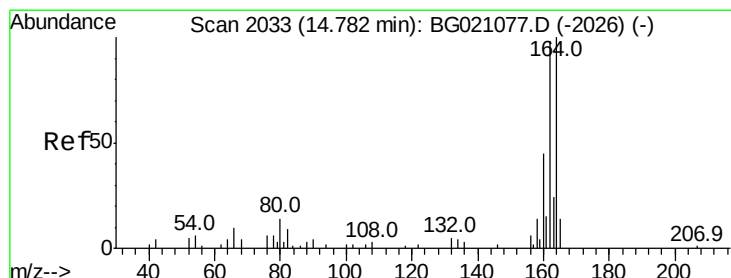
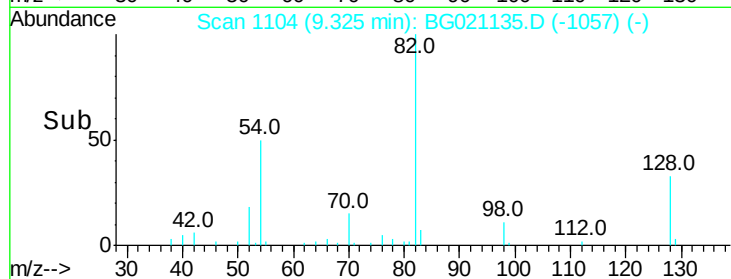
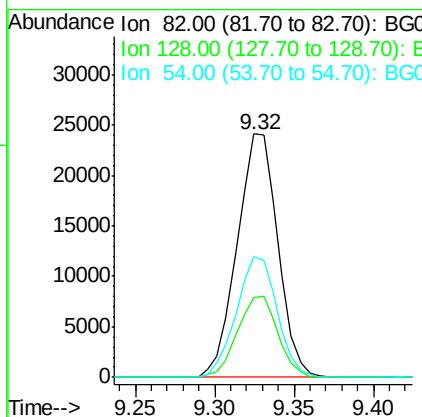
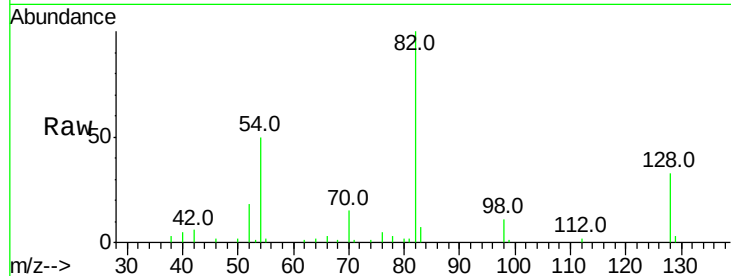




#23
Nitrobenzene-d5
Concen: 63.19 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BG021135.D
Acq: 28 Feb 2016 4:11

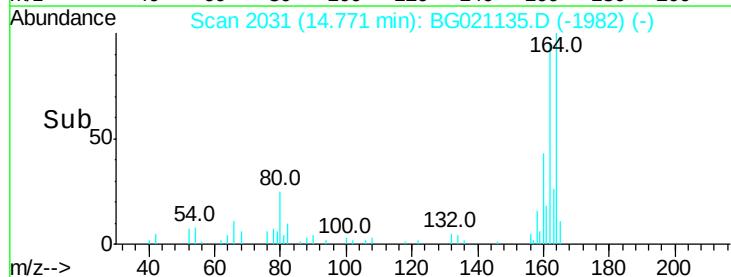
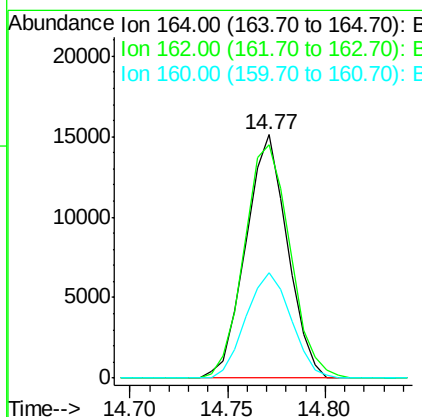
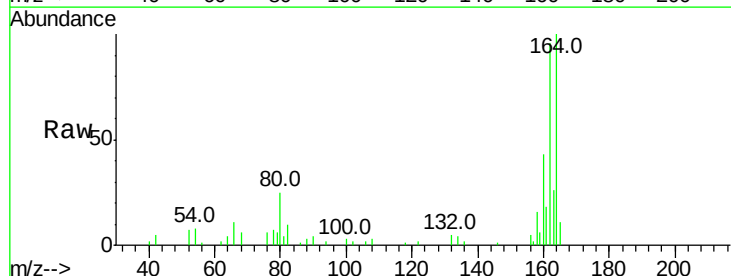
Instrument :
BNA_G
ClientSampleId :
EP004RE

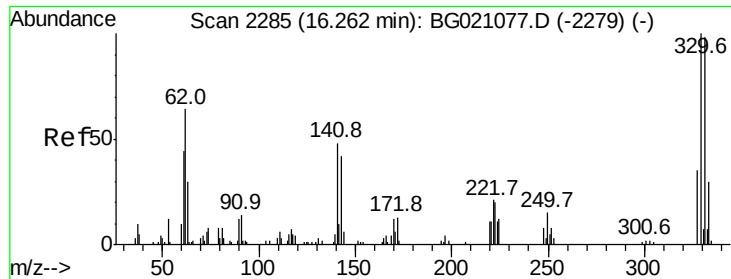
Tot Ion: 82 Resp: 42853
Ion Ratio Lower Upper
82 100
128 32.5 36.3 54.5#
54 49.7 37.6 56.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 2031
Delta R.T. -0.01 min
Lab File: 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





#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

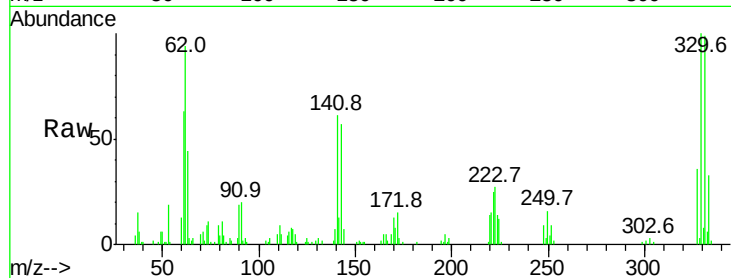
Tot Ion:330 Resp: 31365

Ion Ratio Lower Upper

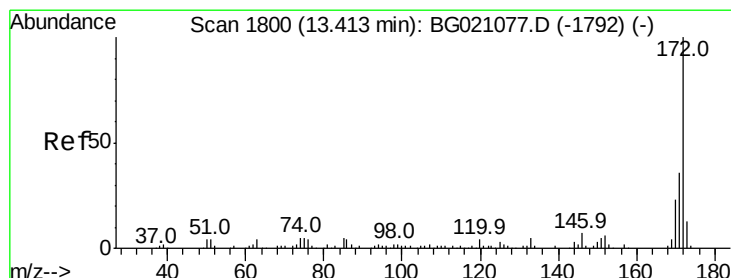
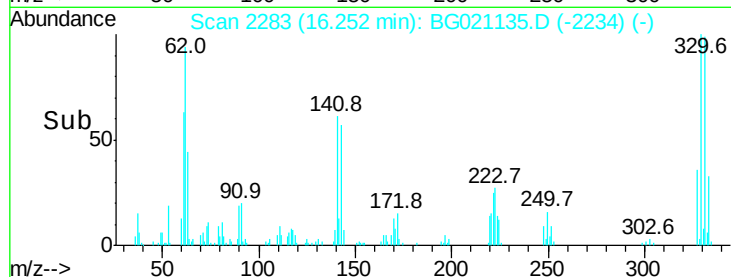
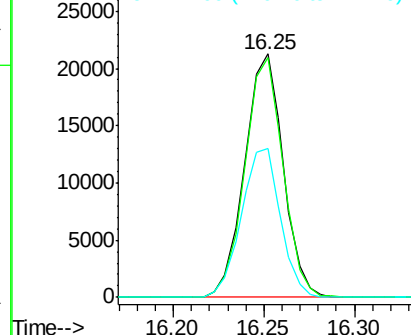
330 100

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

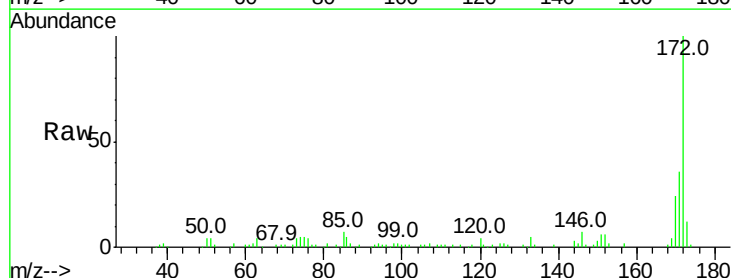
Tgt Ion:172 Resp: 99660

Ion Ratio Lower Upper

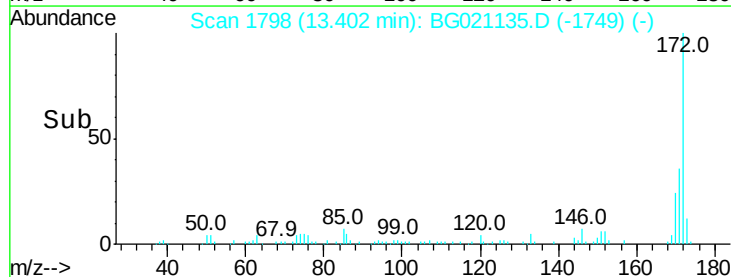
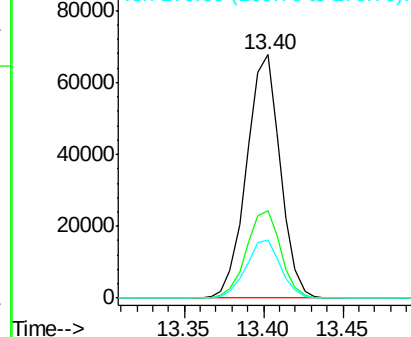
172 100

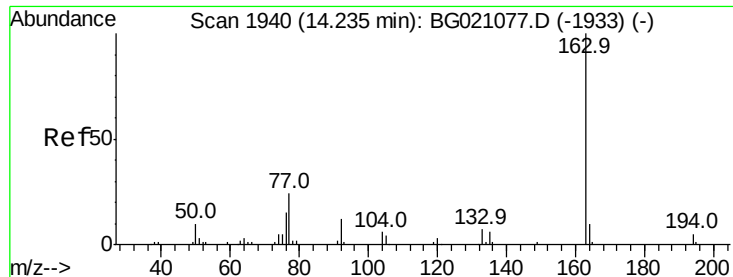
171 35.8 29.4 44.0

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

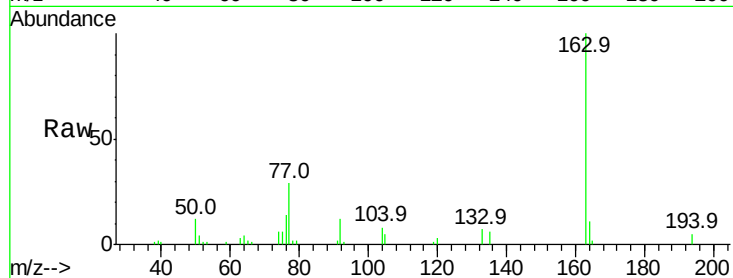
Tot Ion:163 Resp: 21188

Ion Ratio Lower Upper

163 100

194 5.4 2.8 4.2#

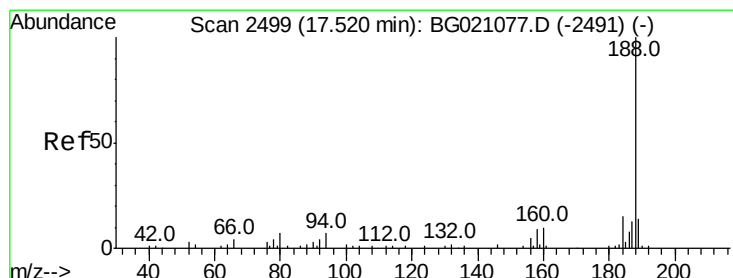
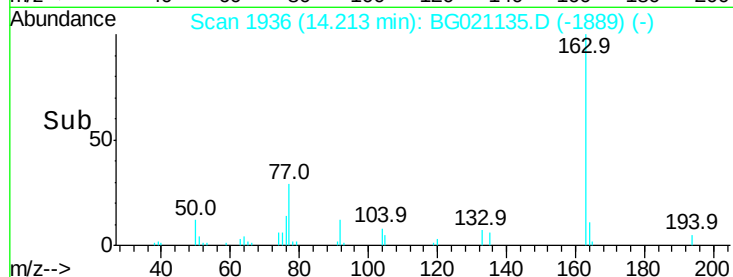
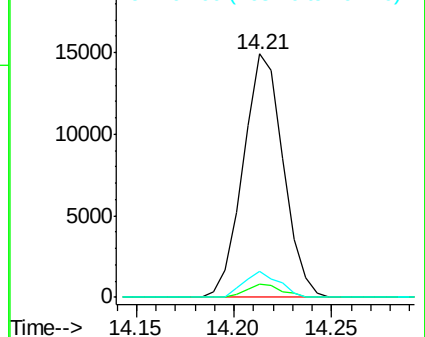
164 10.7 7.9 11.9



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

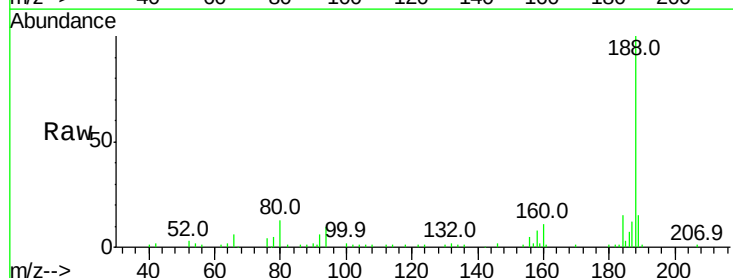
Tgt Ion:188 Resp: 56242

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.4

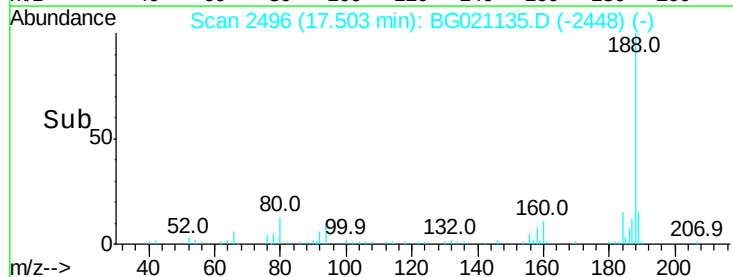
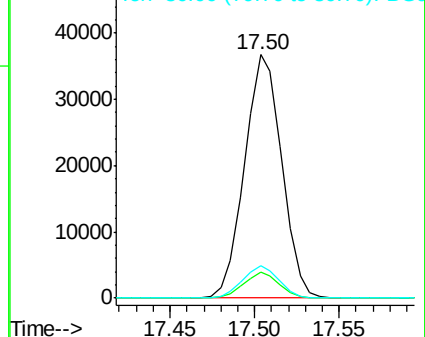
80 13.3 9.2 13.8

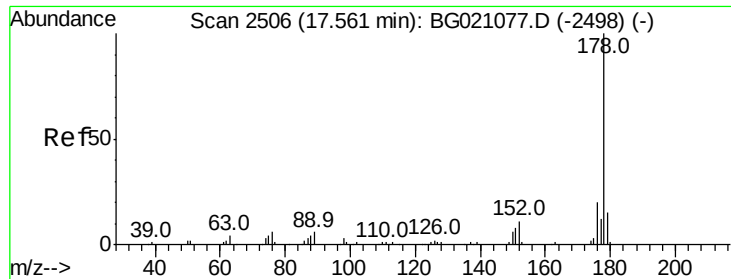


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#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

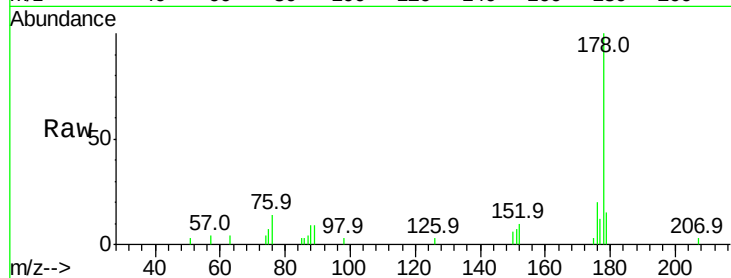
Tot Ion:178 Resp: 8962

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.4

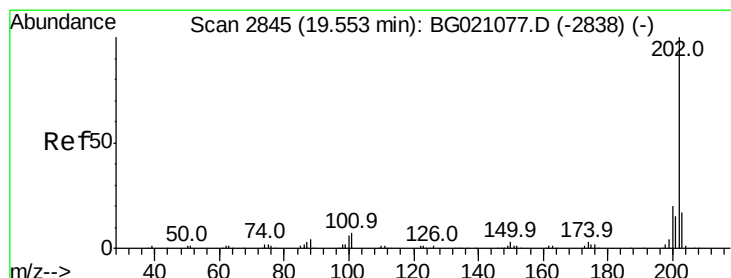
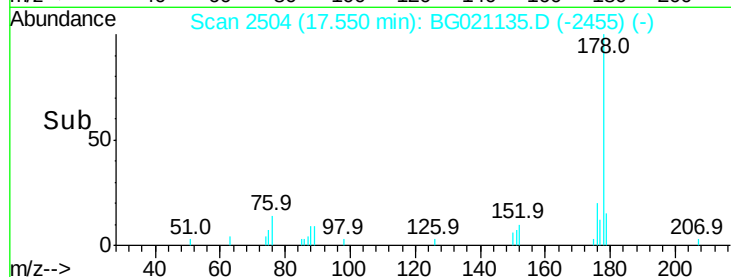
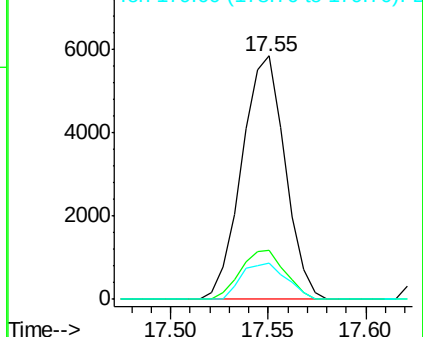
179 15.0 12.9 19.3



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



#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

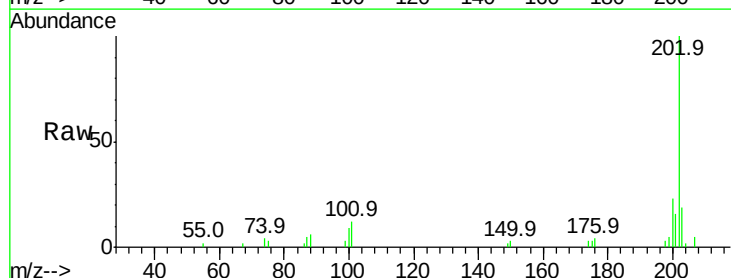
Tgt Ion:202 Resp: 10860

Ion Ratio Lower Upper

202 100

101 11.8 0.0 32.5

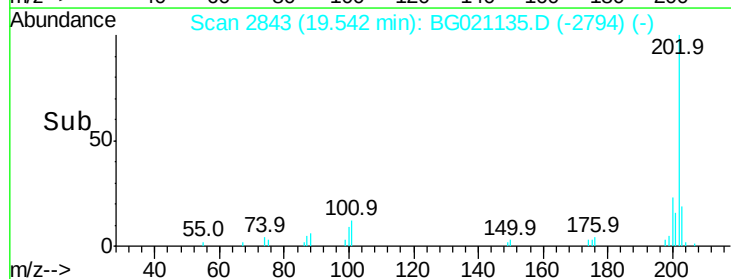
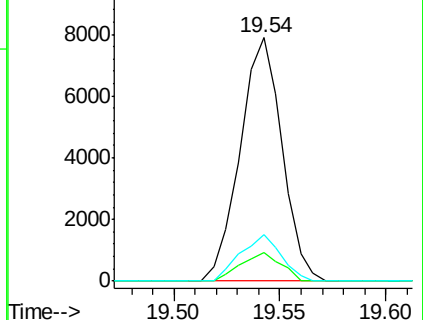
203 19.1 0.0 37.6

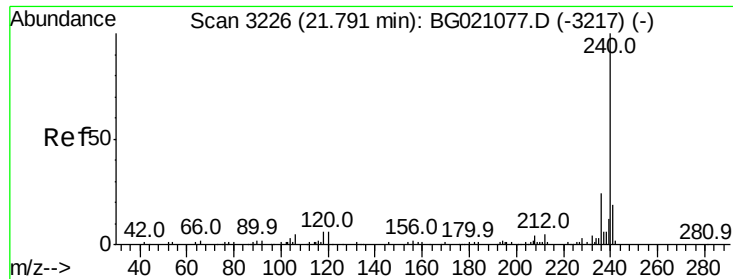


Abundance Ion 202.00 (201.70 to 202.70): E

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

Instrument :

BNA_G

ClientSampleId :

EP004RE

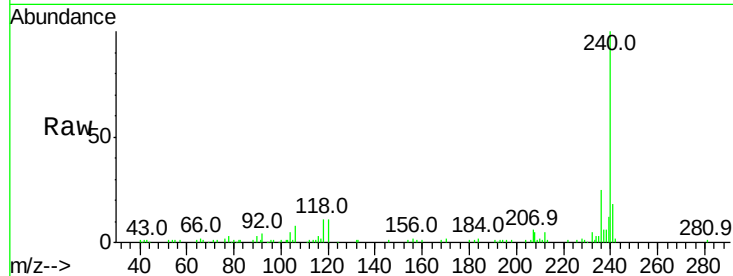
Tot Ion:240 Resp: 58173

Ion Ratio Lower Upper

240 100

120 11.1 7.5 11.3

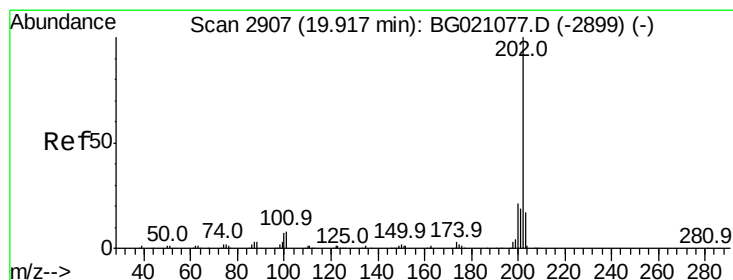
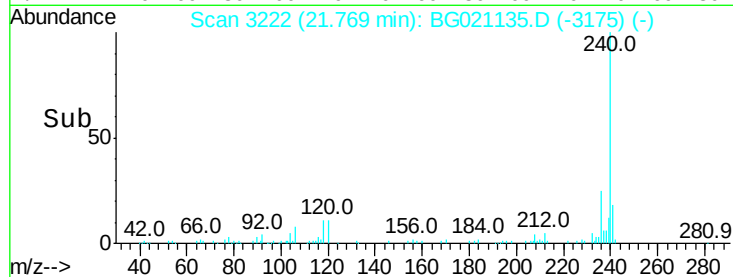
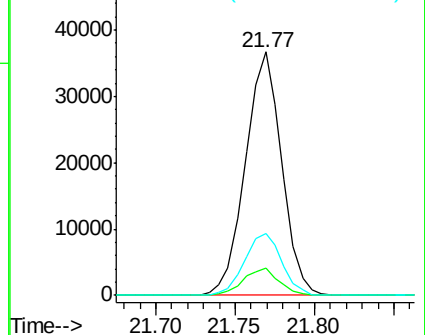
236 25.3 20.5 30.7



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

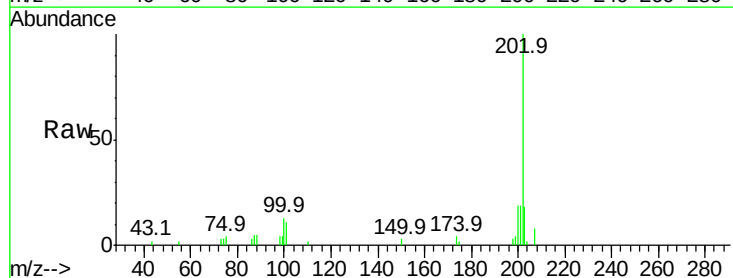
Tgt Ion:202 Resp: 11867

Ion Ratio Lower Upper

202 100

200 19.2 16.6 25.0

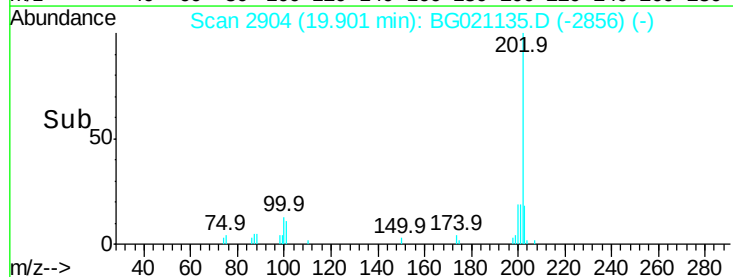
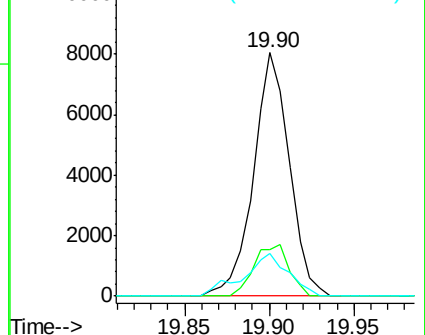
203 17.7 13.8 20.8

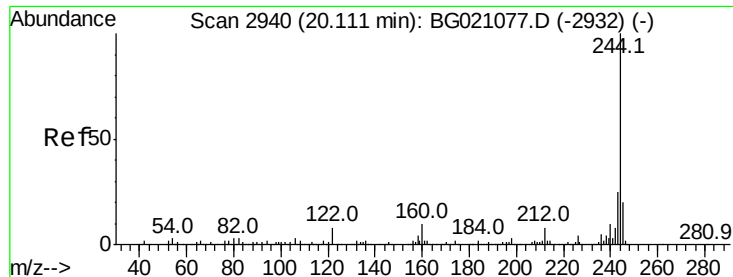


Abundance Ion 202.00 (201.70 to 202.70): E

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

Instrument :

BNA_G

ClientSampleId :

EP004RE

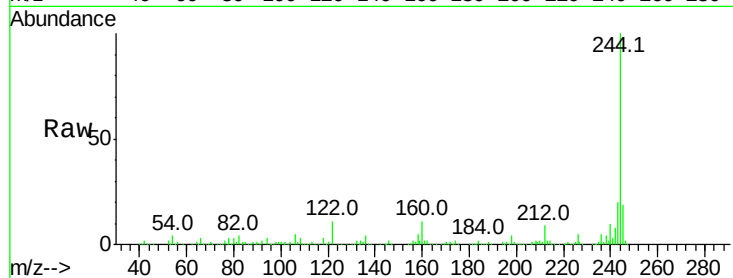
Tot Ion:244 Resp: 214436

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.6#

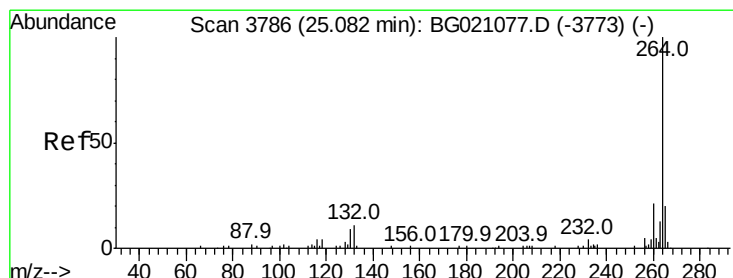
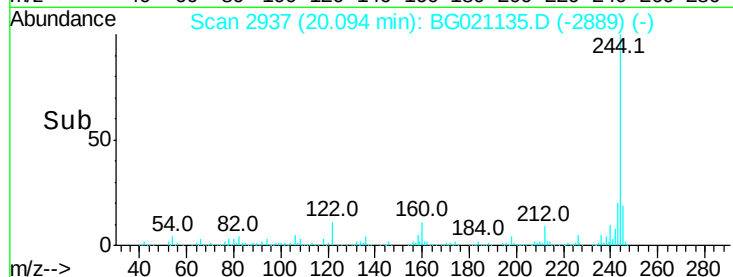
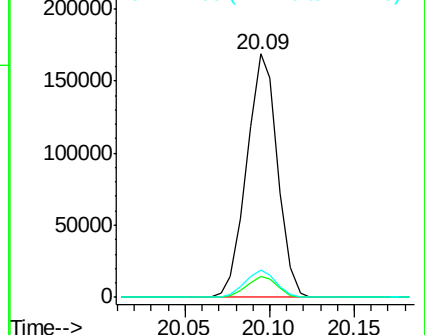
122 11.5 8.3 12.5



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

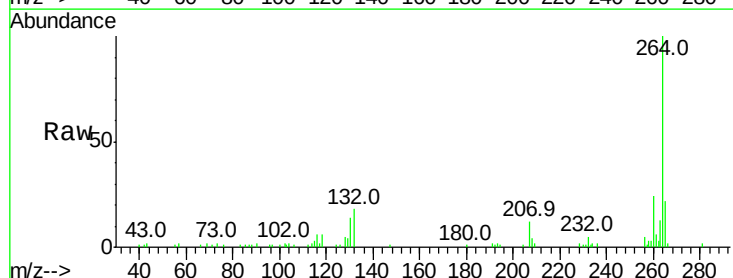
Tgt Ion:264 Resp: 53013

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

