

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
 Data File : BG021187.D
 Acq On : 1 Mar 2016 14:03
 Operator : UM/SJ
 Sample : H1521-11RE
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-3+20(0-2)RE

Quant Time: Mar 01 14:53:05 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 29 17:40:25 2016
 Response via : Initial Calibration

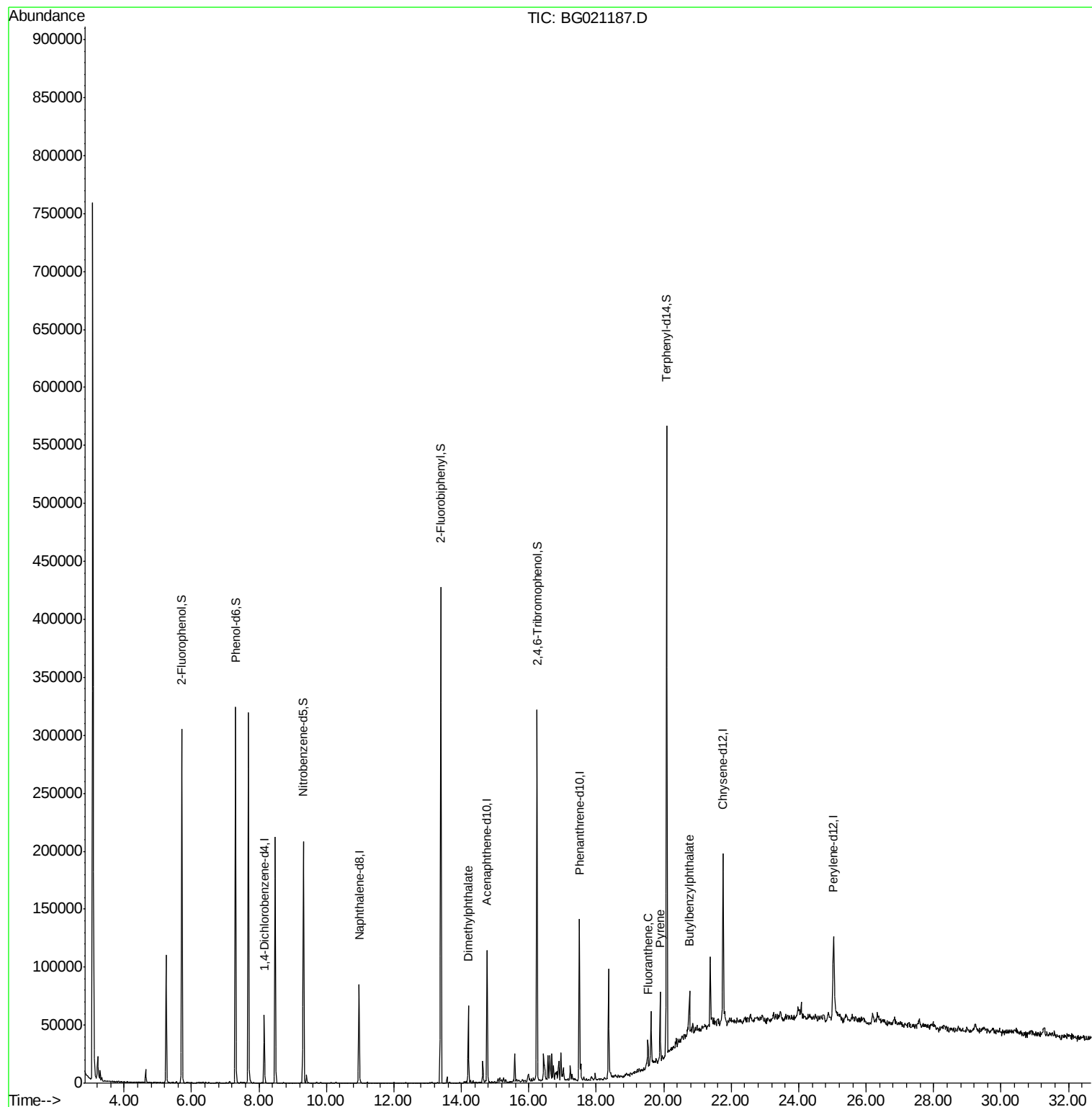
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	14387	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	68427	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	36776	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	77307	20.00	ng	0.00
75) Chrysene-d12	21.76	240	79973	20.00	ng	-0.01
86) Perylene-d12	25.03	264	72067	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	117945	130.33	ng	0.00
7) Phenol-d6	7.30	99	176590	118.67	ng	0.00
23) Nitrobenzene-d5	9.32	82	128574	79.51	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	40736	106.46	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	189544	73.19	ng	0.00
78) Terphenyl-d14	20.09	244	214042	64.84	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.21	163	38231	11.67	ng	# 99
74) Fluoranthene	19.54	202	13329	2.72	ng	97
77) Pyrene	19.89	202	11479	2.41	ng	96
79) Butylbenzylphthalate	20.76	149	9185	3.77	ng	86

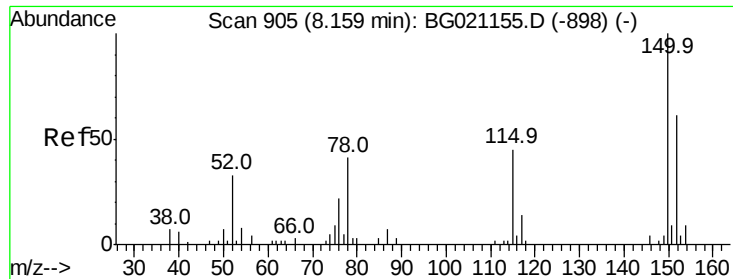
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Feb 29 17:40:25 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG021187.D

Acq: 1 Mar 2016 14:03

Instrument :

BNA_G

ClientSampleId :

SP-3+20(0-2)RE

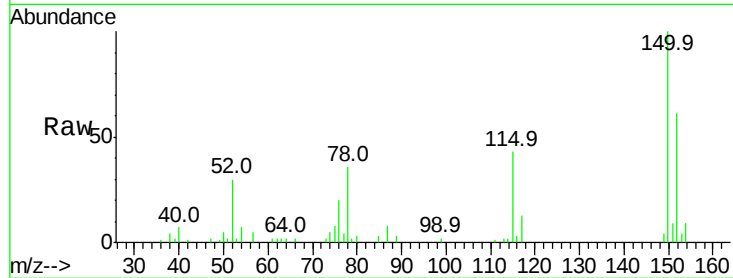
Tot Ion:152 Resp: 14387

Ion Ratio Lower Upper

152 100

150 164.8 123.4 185.2

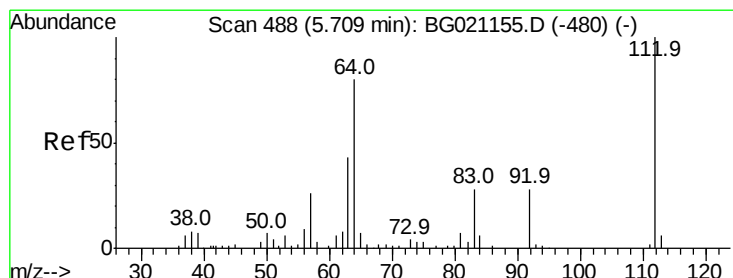
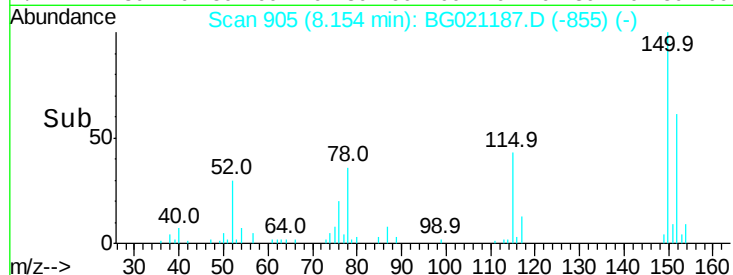
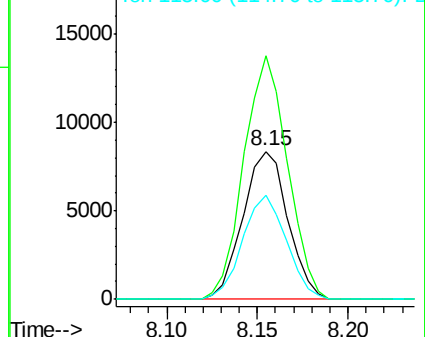
115 70.1 43.3 64.9#



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: 130.33 ng

RT: 5.71 min Scan# 489

Delta R.T. 0.00 min

Lab File: BG021187.D

Acq: 1 Mar 2016 14:03

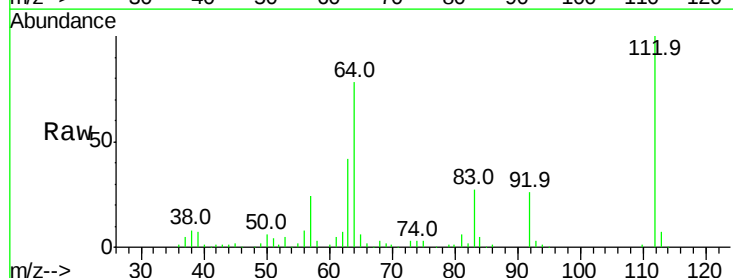
Tgt Ion:112 Resp: 117945

Ion Ratio Lower Upper

112 100

64 77.6 42.6 63.8#

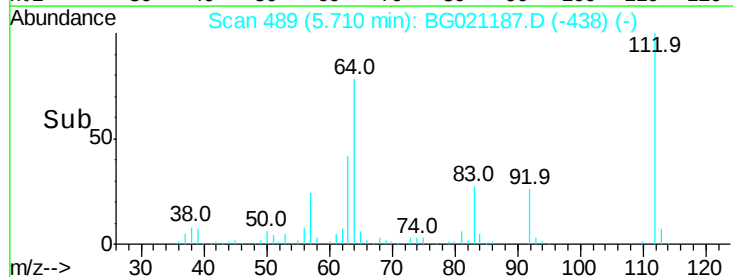
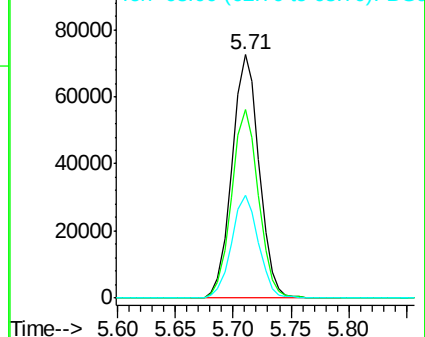
63 42.4 21.7 32.5#



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: 118.67 ng

RT: 7.30 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG021187.D

Acq: 1 Mar 2016 14:03

Instrument :

BNA_G

ClientSampleId :

SP-3+20(0-2)RE

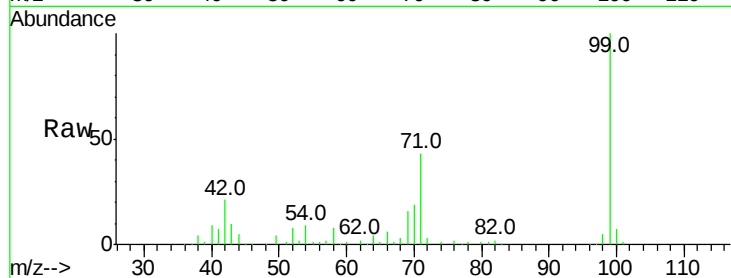
Tot Ion: 99 Resp: 176590

Ion Ratio Lower Upper

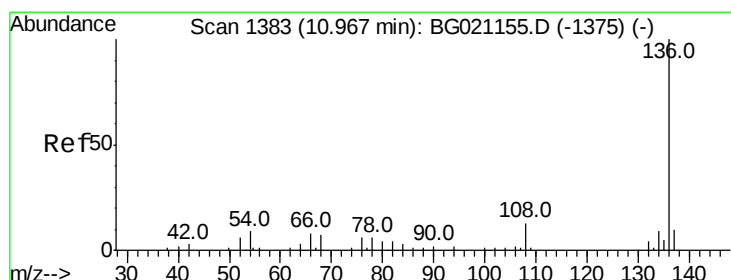
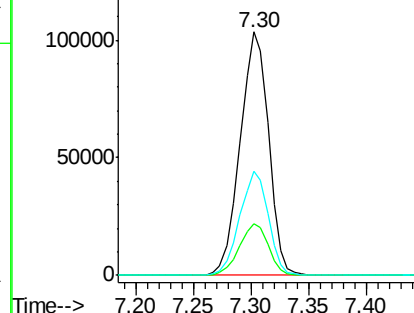
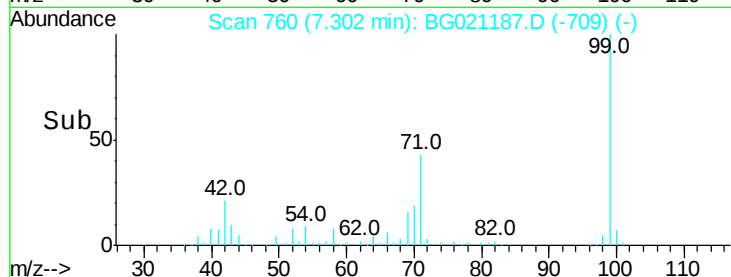
99 100

42 21.4 13.2 19.8#

71 42.5 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: 10.96 min Scan# 1383

Delta R.T. -0.00 min

Lab File: BG021187.D

Acq: 1 Mar 2016 14:03

Tgt Ion: 136 Resp: 68427

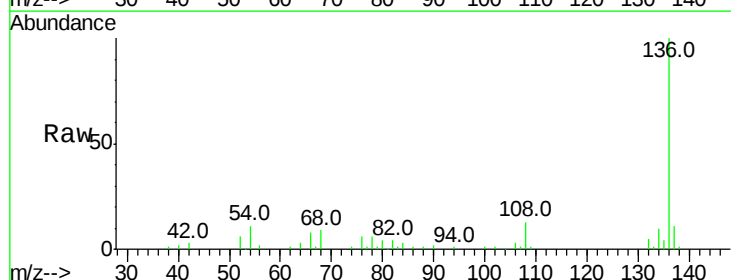
Ion Ratio Lower Upper

136 100

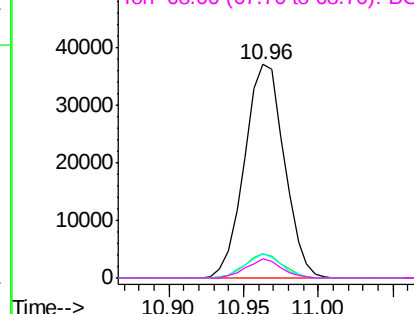
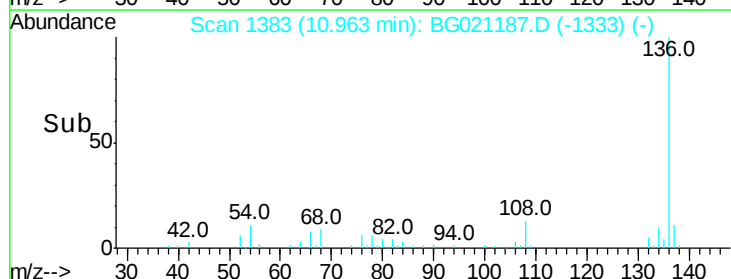
137 11.2 8.8 13.2

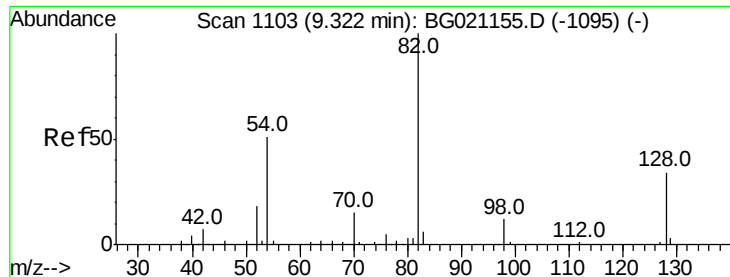
54 11.4 6.9 10.3#

68 8.8 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

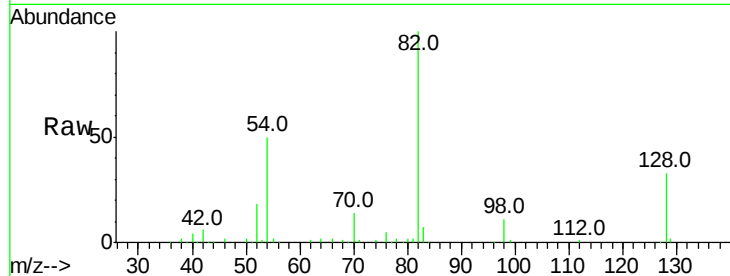




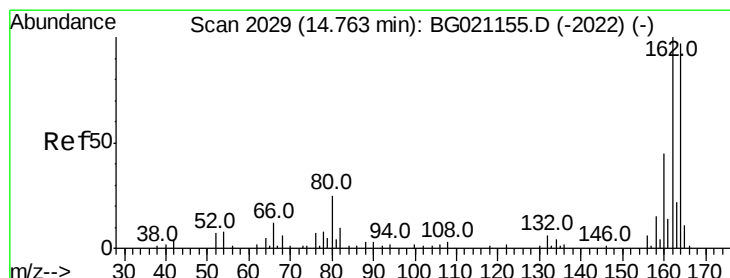
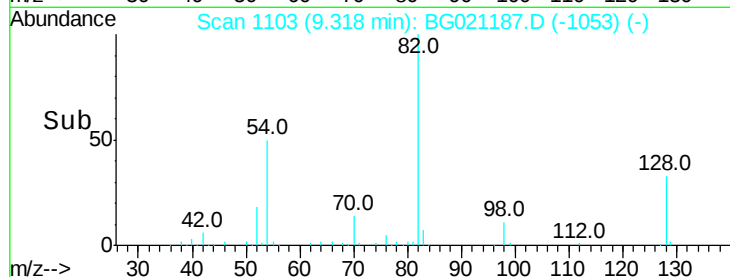
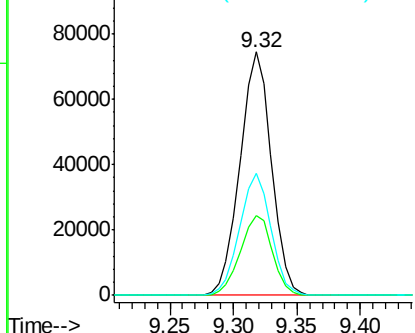
#23
Nitrobenzene-d5
Concen: 79.51 ng
RT: 9.32 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BG021187.D
Acq: 1 Mar 2016 14:03

Instrument :
BNA_G
ClientSampleId :
SP-3+20(0-2)RE

Tot Ion: 82 Resp: 128574
Ion Ratio Lower Upper
82 100
128 32.9 36.3 54.5#
54 50.1 37.6 56.4

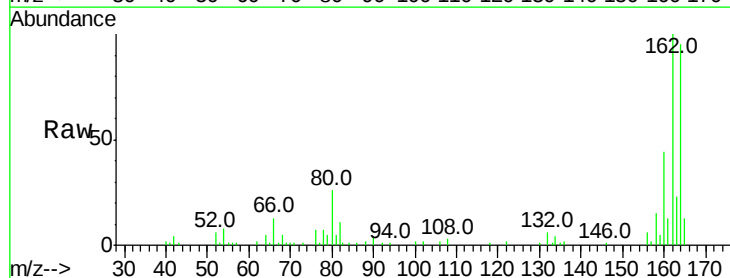


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

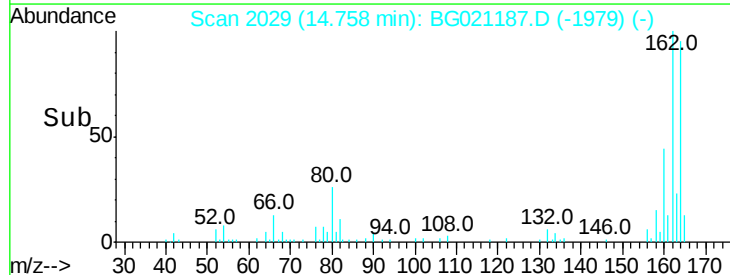
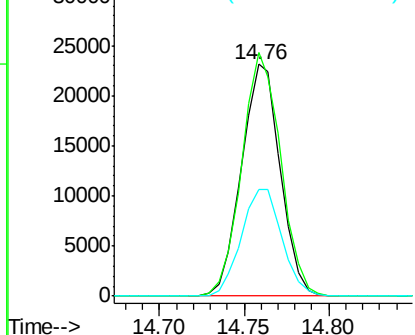


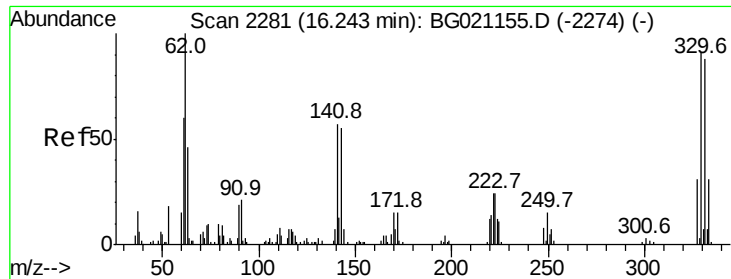
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG021187.D
Acq: 1 Mar 2016 14:03

Tgt Ion:164 Resp: 36776
Ion Ratio Lower Upper
164 100
162 105.0 80.6 120.8
160 46.3 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

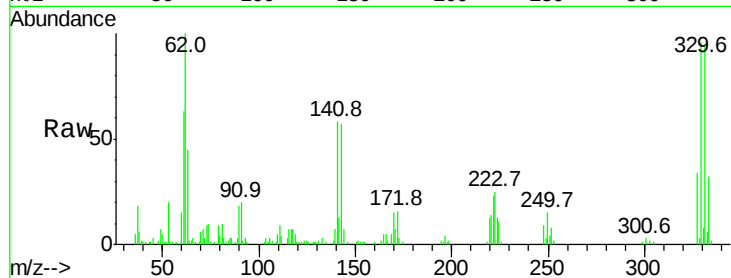




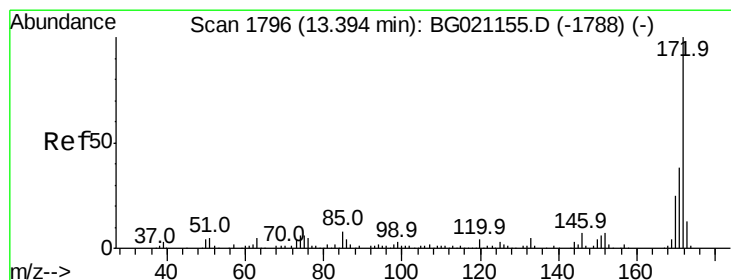
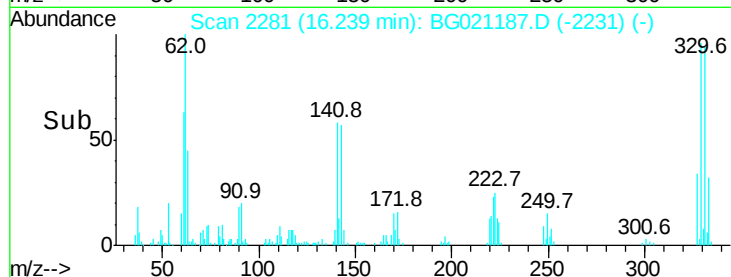
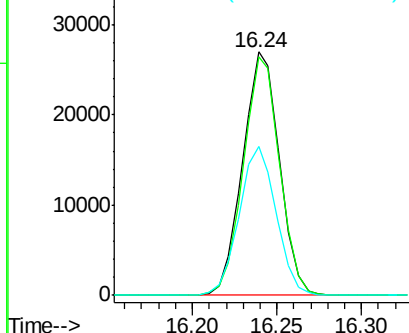
#41
 2,4,6-Tribromophenol
 Concen: 106.46 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG021187.D
 Acq: 1 Mar 2016 14:03

Instrument :
 BNA_G
 ClientSampleId :
 SP-3+20(0-2)RE

Tot Ion:330 Resp: 40736
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.0
 141 61.3 35.3 52.9#

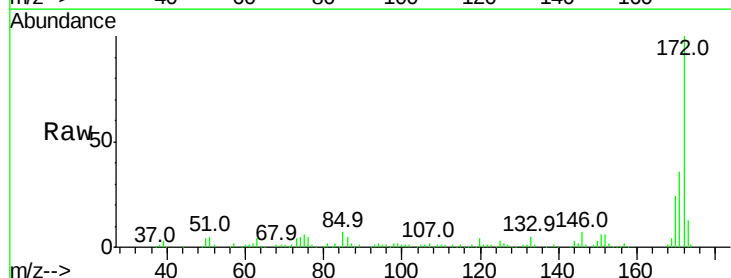


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

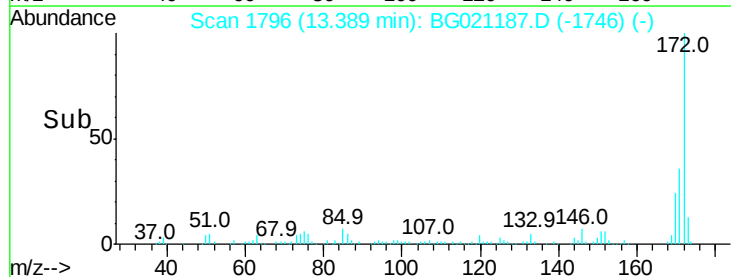
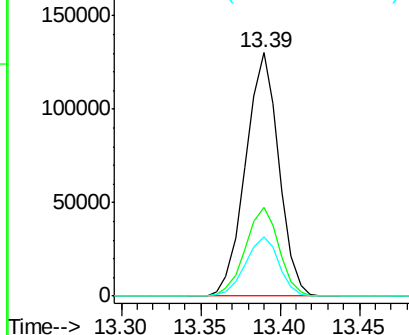


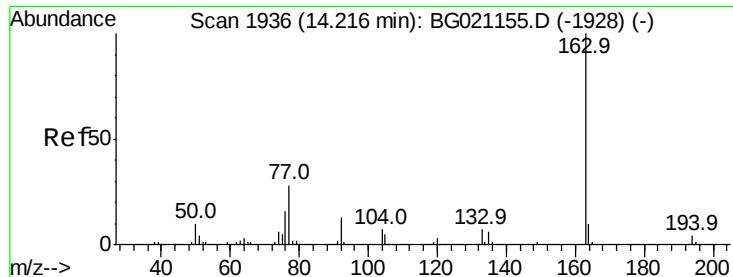
#44
 2-Fluorobiphenyl
 Concen: 73.19 ng
 RT: 13.39 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: BG021187.D
 Acq: 1 Mar 2016 14:03

Tgt Ion:172 Resp: 189544
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.5 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: 11.67 ng

RT: 14.21 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG021187.D

Acq: 1 Mar 2016 14:03

Instrument :

BNA_G

ClientSampleId :

SP-3+20(0-2)RE

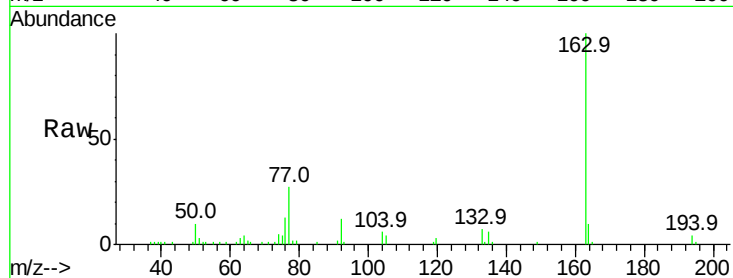
Tot Ion:163 Resp: 38231

Ion Ratio Lower Upper

163 100

194 4.3 2.8 4.2#

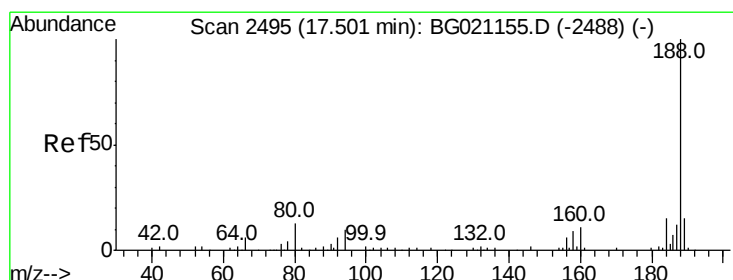
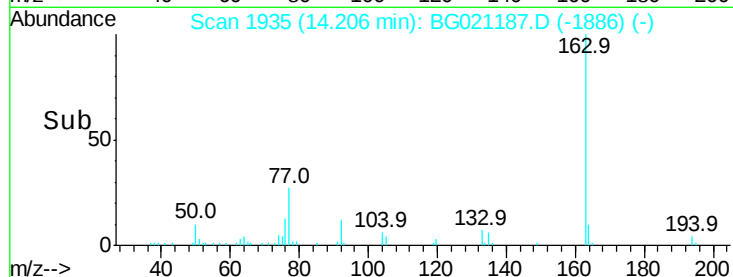
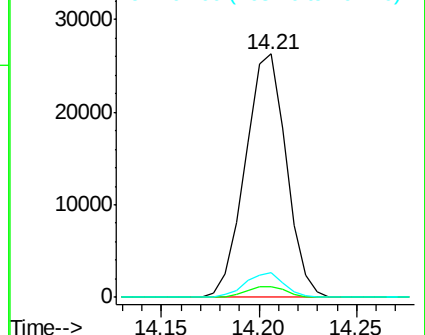
164 10.2 7.9 11.9



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# 2495

Delta R.T. -0.00 min

Lab File: BG021187.D

Acq: 1 Mar 2016 14:03

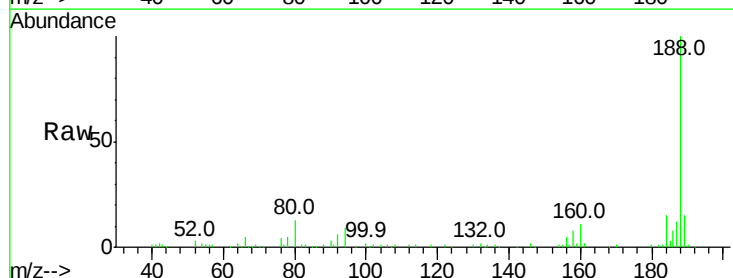
Tgt Ion:188 Resp: 77307

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.4

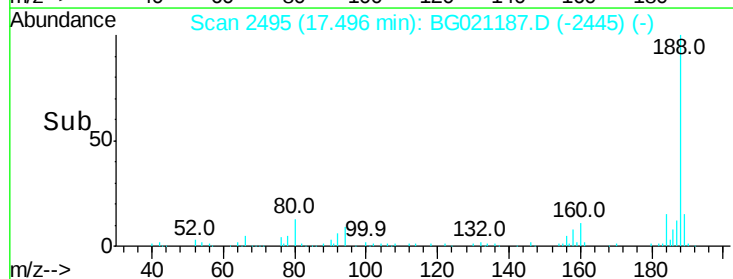
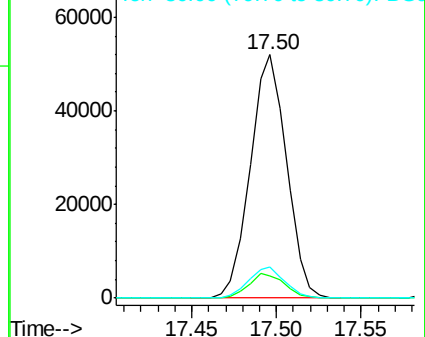
80 12.7 9.2 13.8

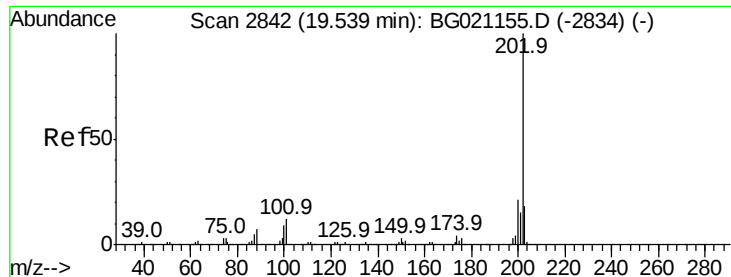


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#74

Fluoranthene

Concen: 2.72 ng

RT: 19.54 min Scan# 2842

Delta R.T. -0.00 min

Lab File: BG021187.D

Acq: 1 Mar 2016 14:03

Instrument :

BNA_G

ClientSampleId :

SP-3+20(0-2)RE

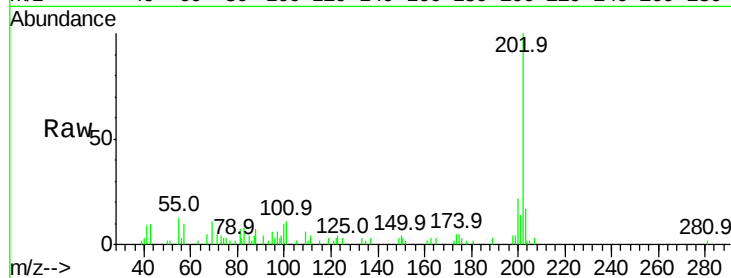
Tot Ion:202 Resp: 13329

Ion Ratio Lower Upper

202 100

101 10.9 0.0 32.5

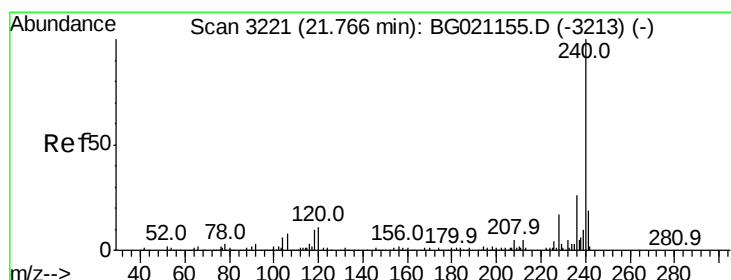
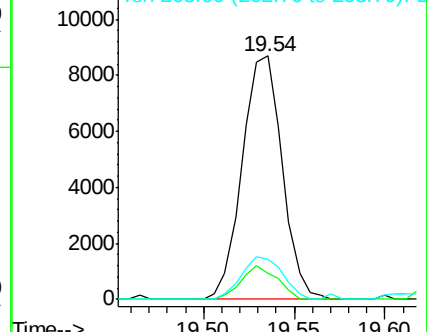
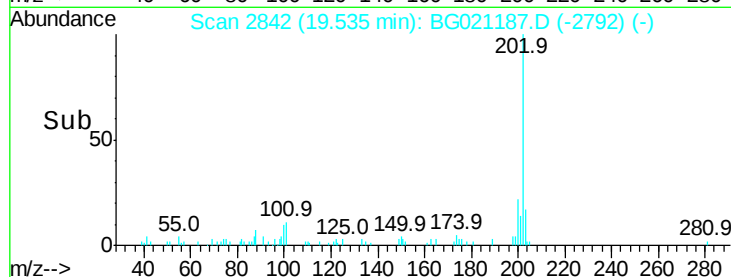
203 16.7 0.0 37.6



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: 21.76 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BG021187.D

Acq: 1 Mar 2016 14:03

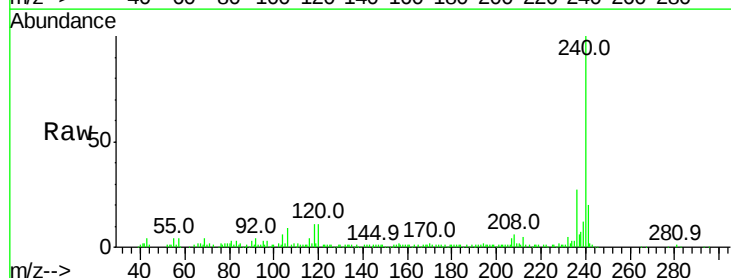
Tgt Ion:240 Resp: 79973

Ion Ratio Lower Upper

240 100

120 11.4 7.5 11.3#

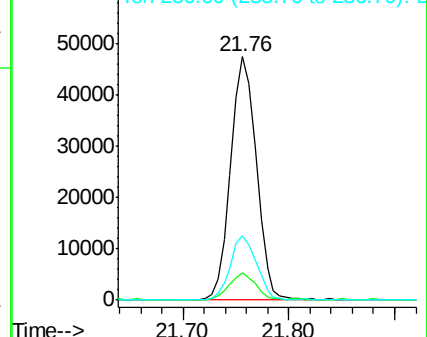
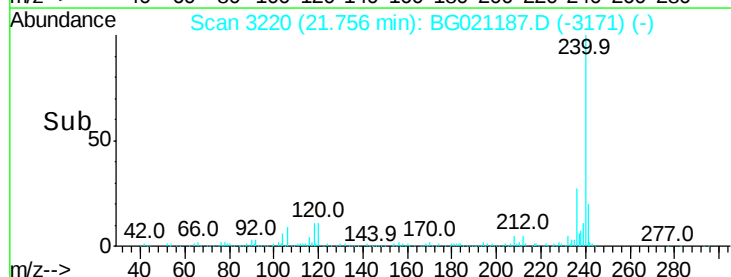
236 26.6 20.5 30.7

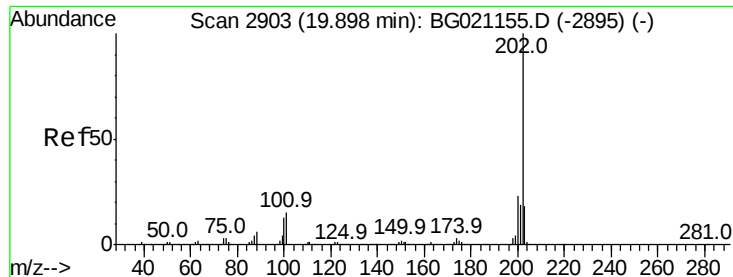


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

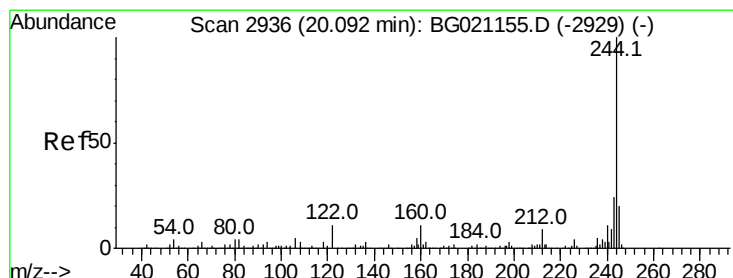
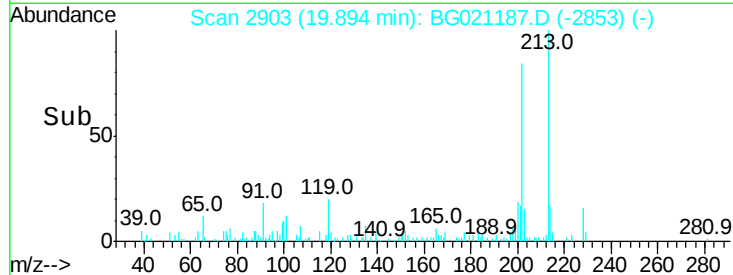
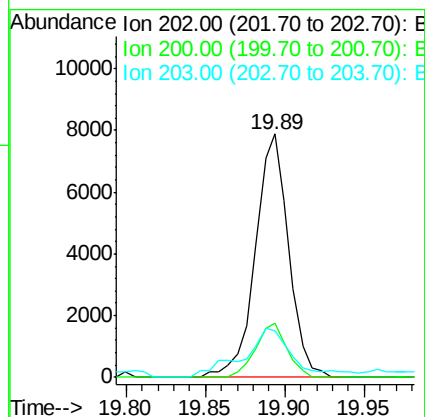
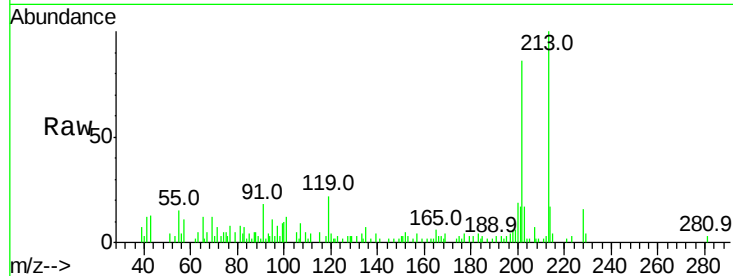




#77
Pvrene
Concen: 2.41 ng
RT: 19.89 min Scan# 2903
Delta R.T. -0.00 min
Lab File: BG021187.D
Acq: 1 Mar 2016 14:03

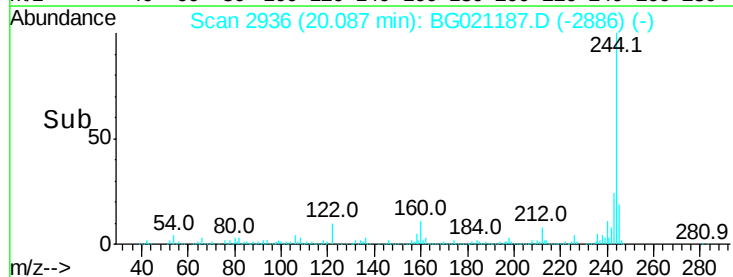
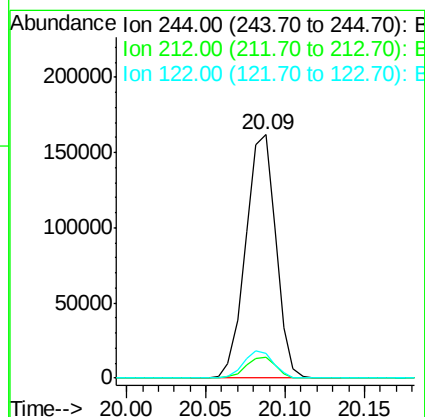
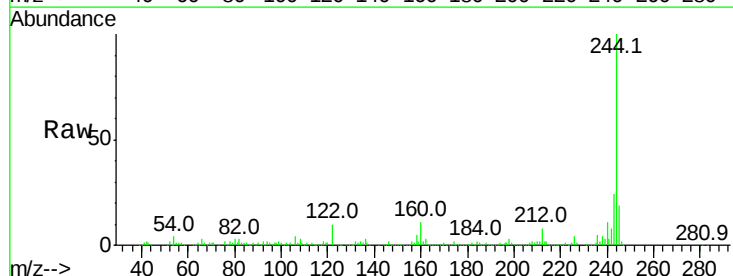
Instrument :
BNA_G
ClientSampleId :
SP-3+20(0-2)RE

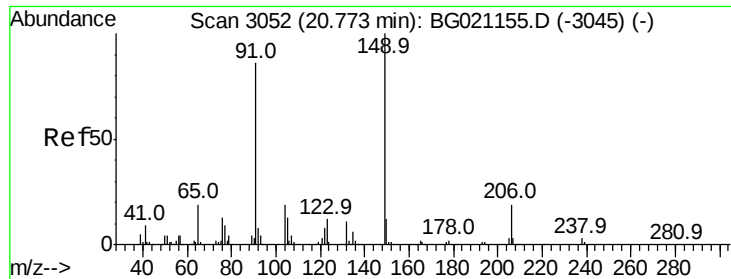
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	16.6	25.0
203	19.3	13.8	20.8



#78
Terphenyl-d14
Concen: 64.84 ng
RT: 20.09 min Scan# 2936
Delta R.T. -0.00 min
Lab File: BG021187.D
Acq: 1 Mar 2016 14:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.6
122	10.4	8.3	12.5

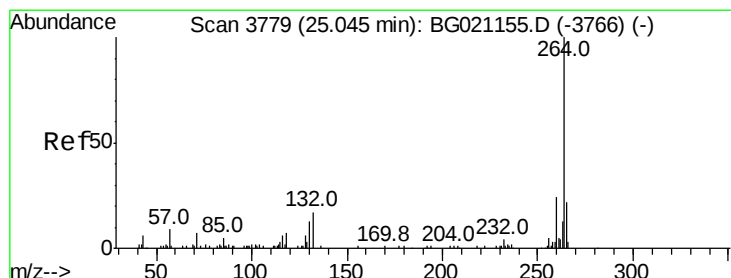
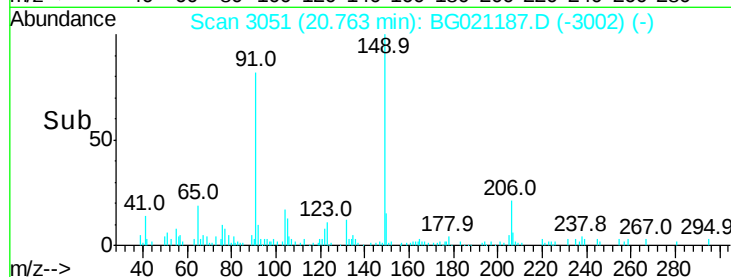
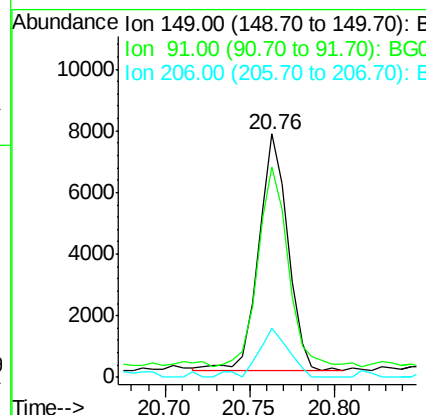
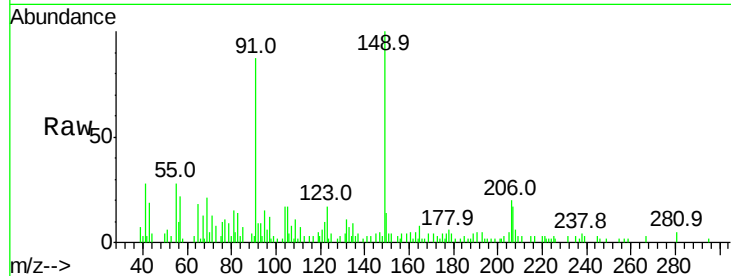




#79
Butylbenzylphthalate
Concen: 3.77 ng
RT: 20.76 min Scan# 3051
Delta R.T. -0.01 min
Lab File: BG021187.D
Acq: 1 Mar 2016 14:03

Instrument :
BNA_G
ClientSampleId :
SP-3+20(0-2)RE

Tot Ion:149 Resp: 9185
Ion Ratio Lower Upper
149 100
91 86.6 58.6 87.8
206 19.9 14.2 21.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3778
Delta R.T. -0.01 min
Lab File: BG021187.D
Acq: 1 Mar 2016 14:03

Tgt Ion:264 Resp: 72067
Ion Ratio Lower Upper
264 100
260 24.5 18.5 27.7
265 22.4 18.6 28.0

