

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
 Data File : BG021184.D
 Acq On : 1 Mar 2016 12:04
 Operator : UM/SJ
 Sample : H1521-03RE
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1+20(0-2)RE

Quant Time: Mar 01 13:47:33 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

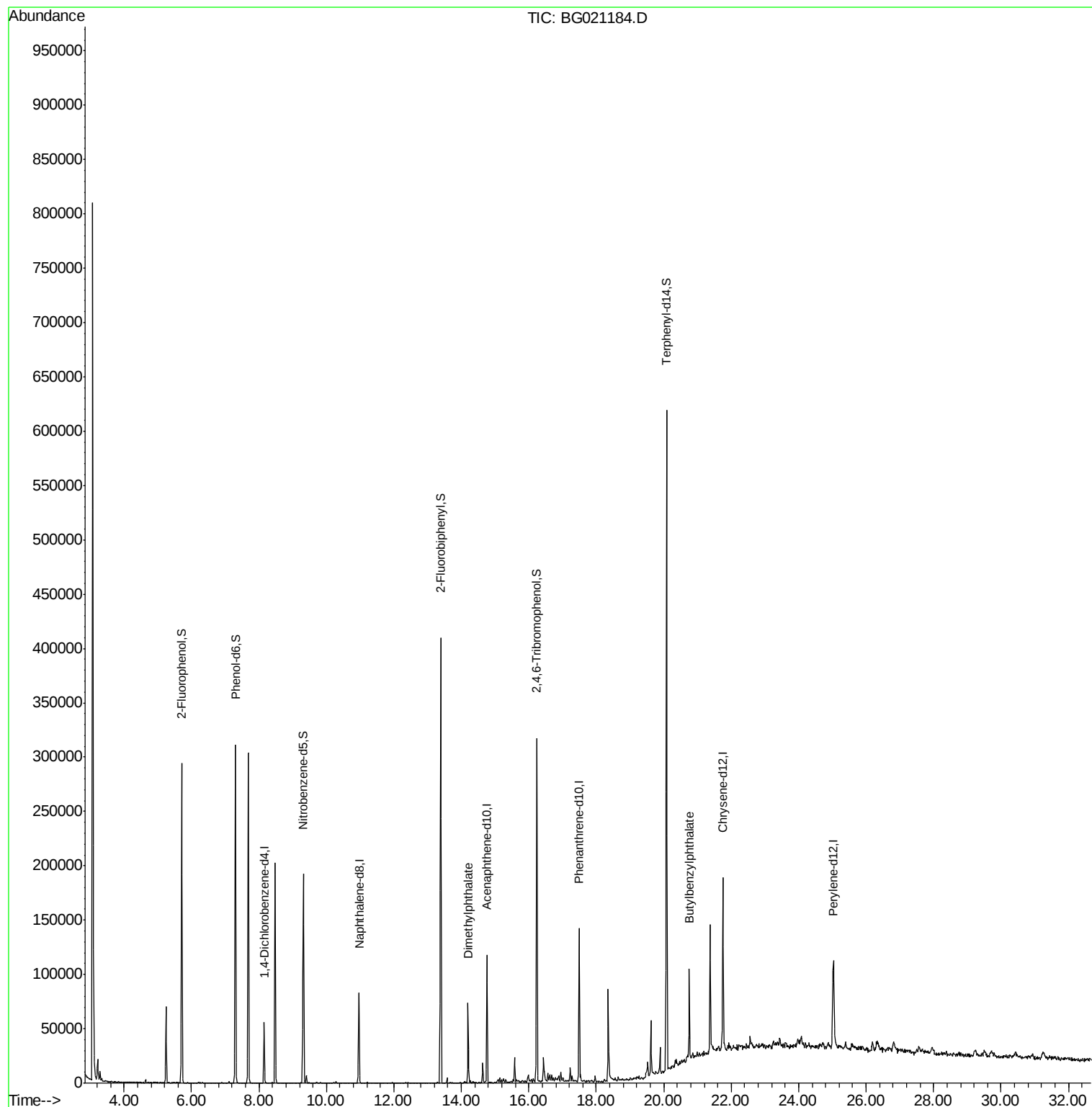
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	14543	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	66790	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	36125	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	75824	20.00	ng	0.00
75) Chrysene-d12	21.75	240	80992	20.00	ng	-0.01
86) Perylene-d12	25.03	264	74754	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	113658	124.24	ng	0.00
7) Phenol-d6	7.30	99	174820	116.22	ng	0.00
23) Nitrobenzene-d5	9.32	82	126240	79.98	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	42128	112.09	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	190399	74.84	ng	0.00
78) Terphenyl-d14	20.08	244	234716	70.21	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.20	163	39434	12.25	ng	# 99
79) Butylbenzylphthalate	20.76	149	23801	9.65	ng	# 89

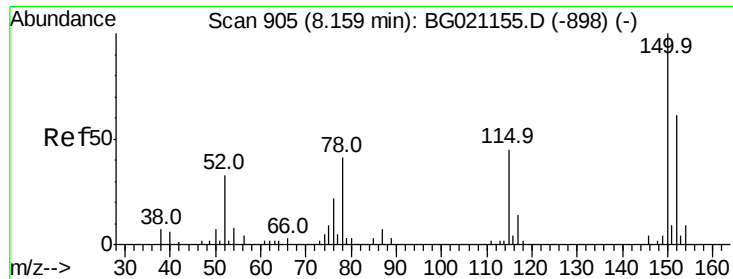
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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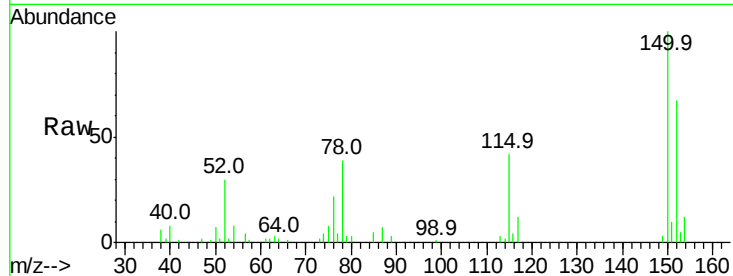


#1

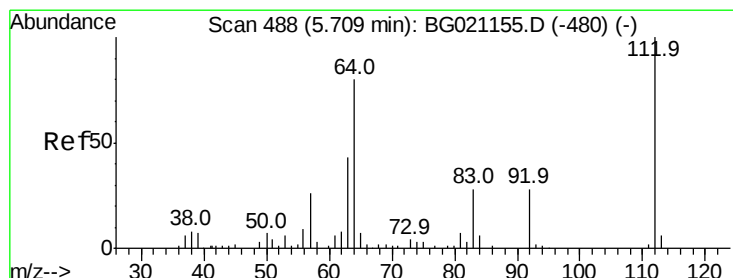
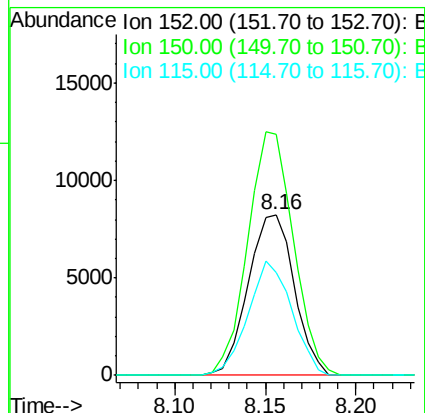
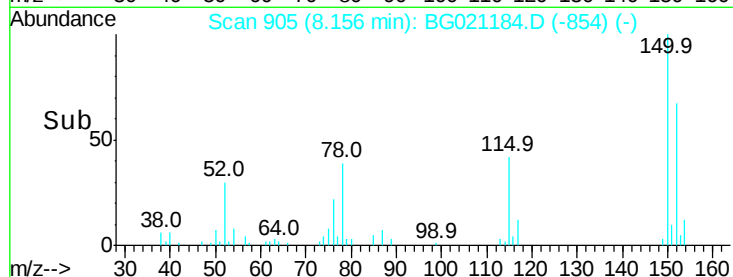
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG021184.D
Acq: 1 Mar 2016 12:04

Instrument :
BNA_G
ClientSampleId :
SP-1+20(0-2)RE

Tot Ion:152 Resp: 14543
Ion Ratio Lower Upper
152 100
150 150.2 123.4 185.2
115 63.8 43.3 64.9



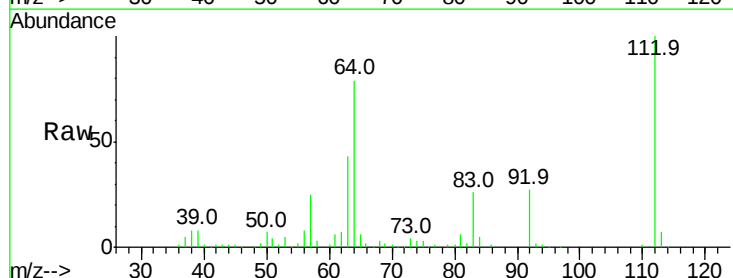
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



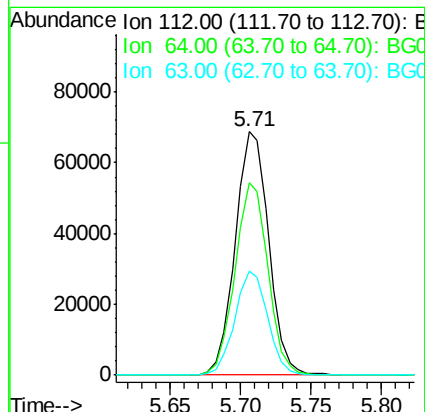
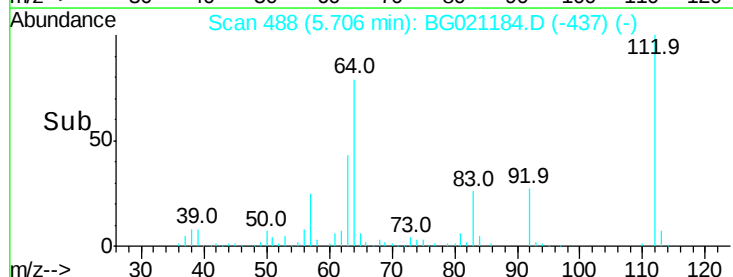
#5

2-Fluorophenol
Concen: 124.24 ng
RT: 5.71 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG021184.D
Acq: 1 Mar 2016 12:04

Tgt Ion:112 Resp: 113658
Ion Ratio Lower Upper
112 100
64 79.3 42.6 63.8#
63 42.6 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: 116.22 ng

RT: 7.30 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG021184.D

Acq: 1 Mar 2016 12:04

Instrument :

BNA_G

ClientSampleId :

SP-1+20(0-2)RE

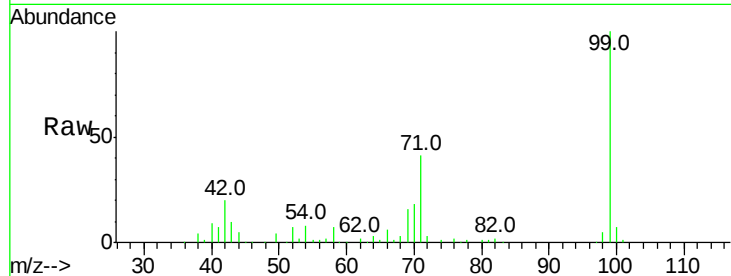
Tot Ion: 99 Resp: 174820

Ion Ratio Lower Upper

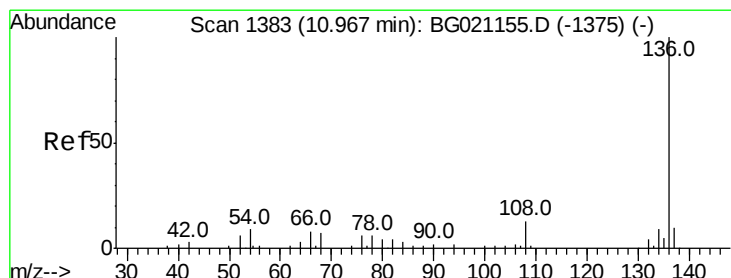
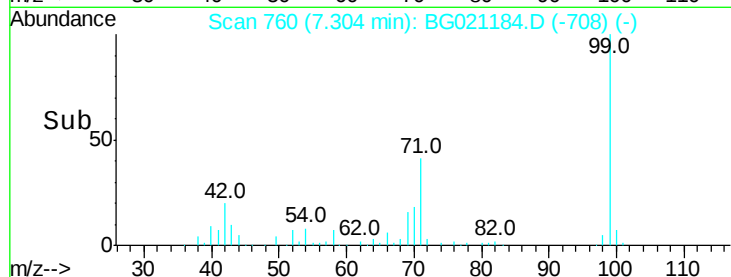
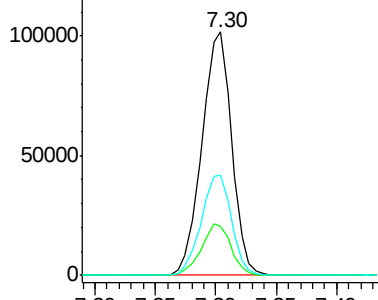
99 100

42 20.3 13.2 19.8#

71 41.1 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: BG021184.D

Acq: 1 Mar 2016 12:04

Tgt Ion:136 Resp: 66790

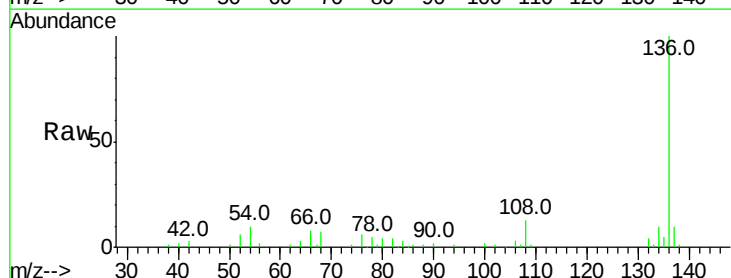
Ion Ratio Lower Upper

136 100

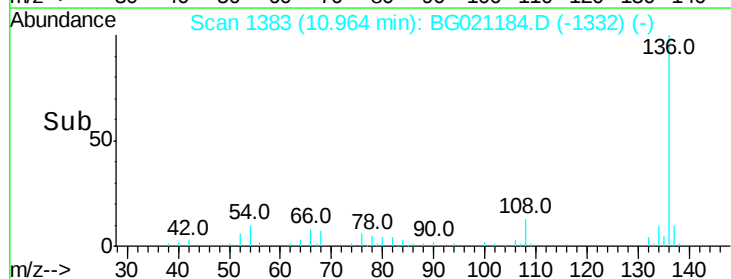
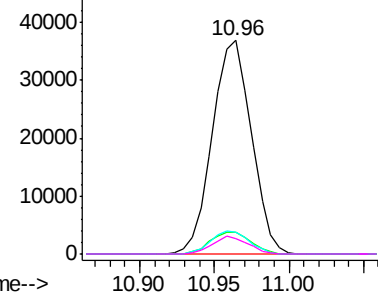
137 10.1 8.8 13.2

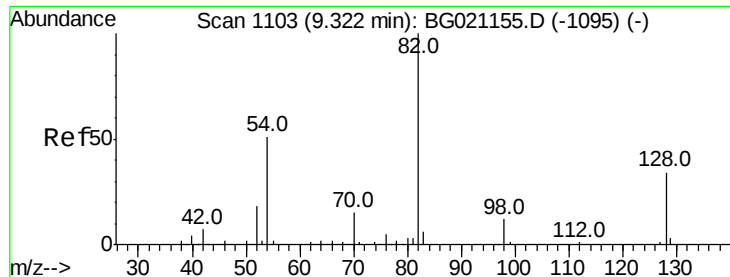
54 10.0 6.9 10.3

68 7.4 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

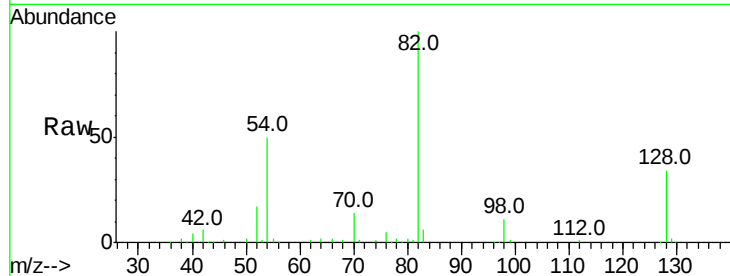




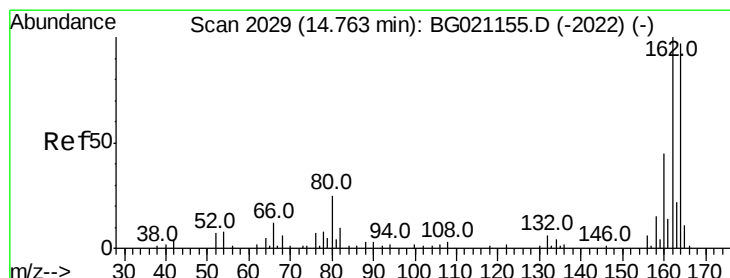
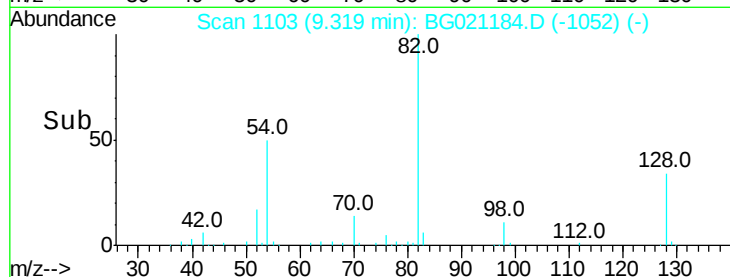
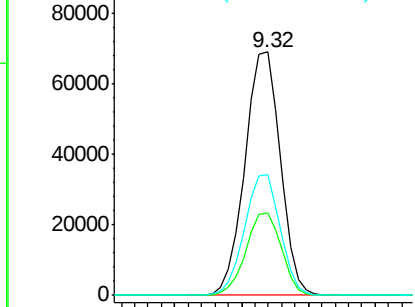
#23
Nitrobenzene-d5
Concen: 79.98 ng
RT: 9.32 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BG021184.D
Acq: 1 Mar 2016 12:04

Instrument :
BNA_G
ClientSampleId :
SP-1+20(0-2)RE

Tot Ion: 82 Resp: 126240
Ion Ratio Lower Upper
82 100
128 34.0 36.3 54.5#
54 49.7 37.6 56.4

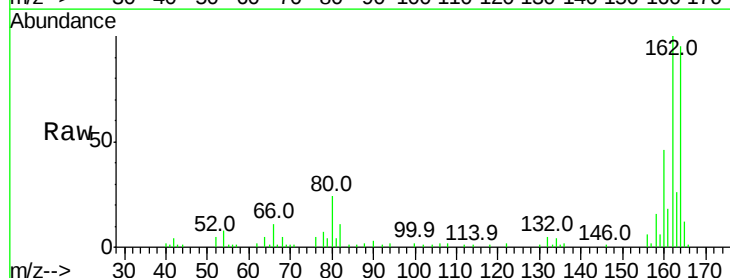


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

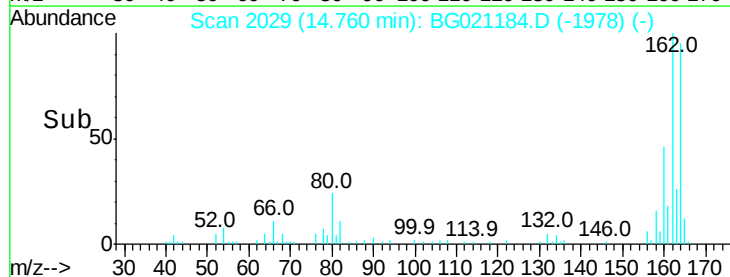
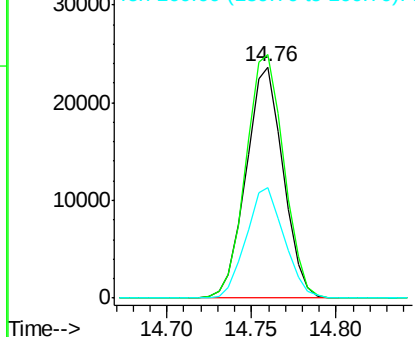


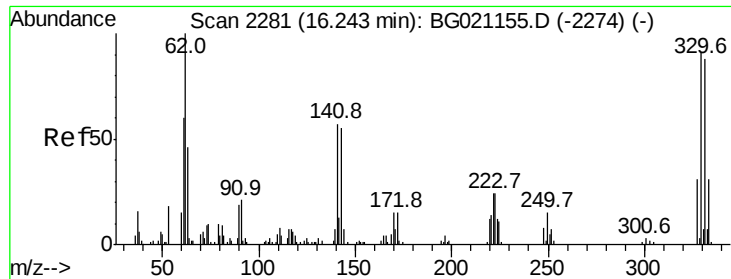
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG021184.D
Acq: 1 Mar 2016 12:04

Tgt Ion:164 Resp: 36125
Ion Ratio Lower Upper
164 100
162 105.5 80.6 120.8
160 48.1 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

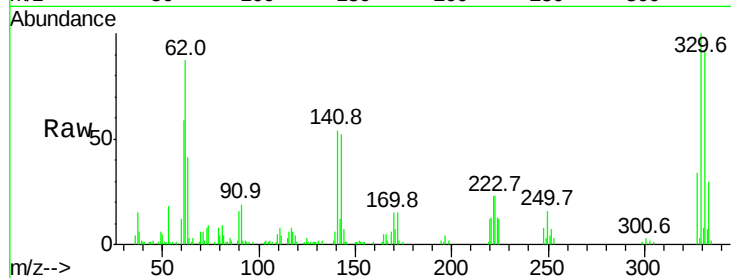




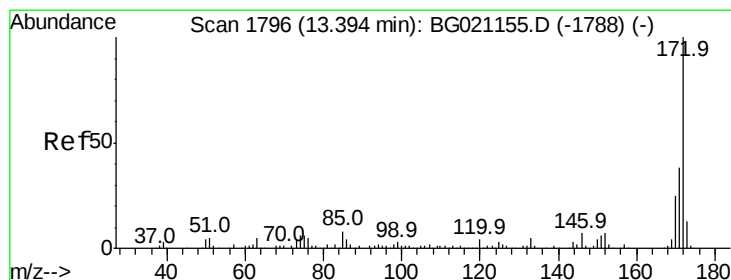
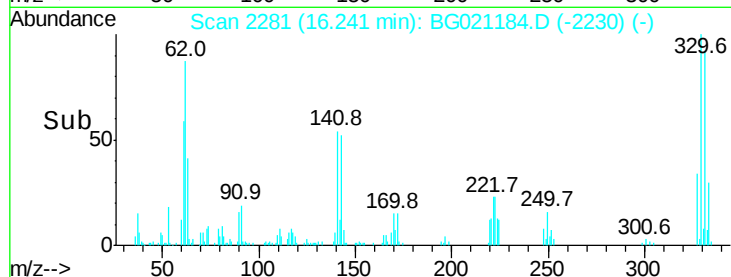
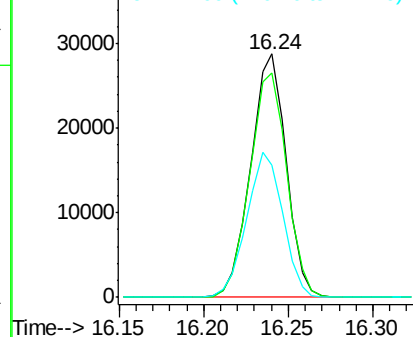
#41
 2,4,6-Tribromophenol
 Concen: 112.09 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG021184.D
 Acq: 1 Mar 2016 12:04

Instrument :
 BNA_G
 ClientSampleId :
 SP-1+20(0-2)RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.4	116.0
141	60.5	35.3	52.9#

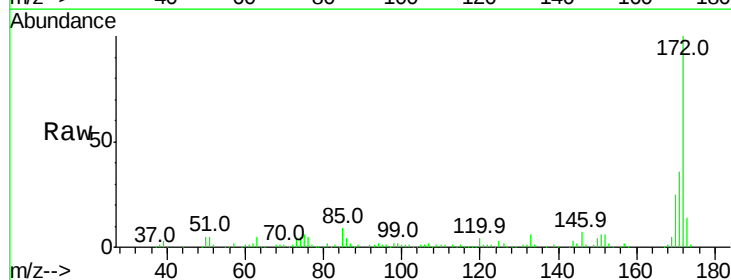


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

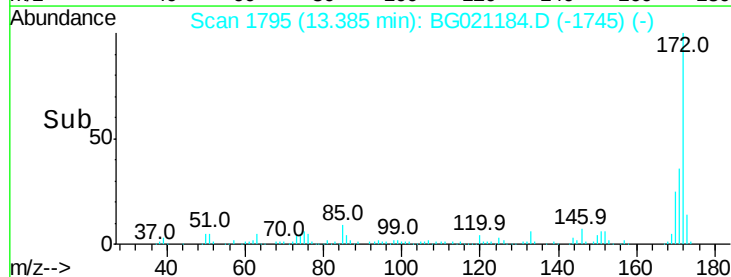
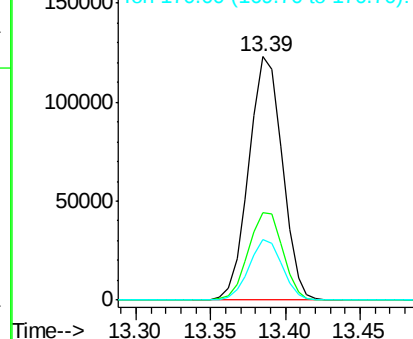


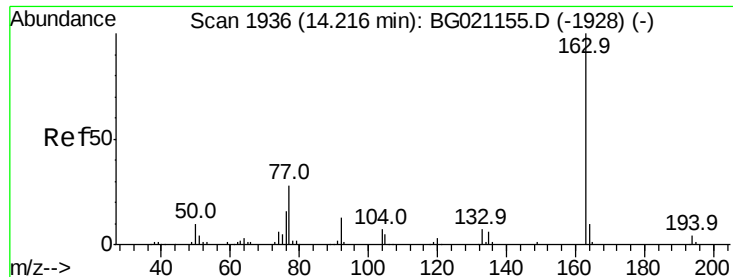
#44
 2-Fluorobiphenyl
 Concen: 74.84 ng
 RT: 13.39 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG021184.D
 Acq: 1 Mar 2016 12:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	24.7	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: 12.25 ng

RT: 14.20 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BG021184.D

Acq: 1 Mar 2016 12:04

Instrument :

BNA_G

ClientSampleId :

SP-1+20(0-2)RE

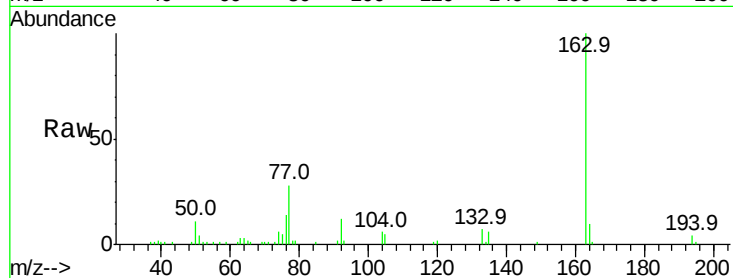
Tot Ion:163 Resp: 39434

Ion Ratio Lower Upper

163 100

194 4.2 2.8 4.2#

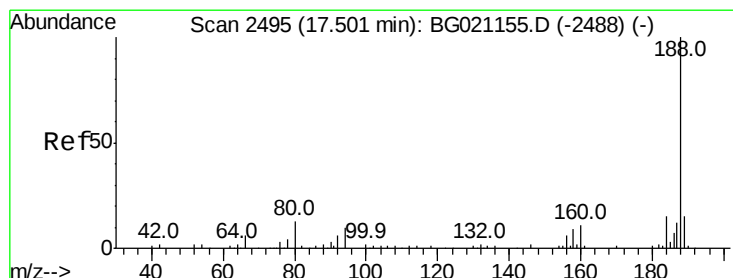
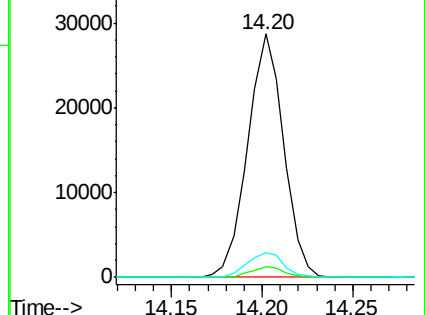
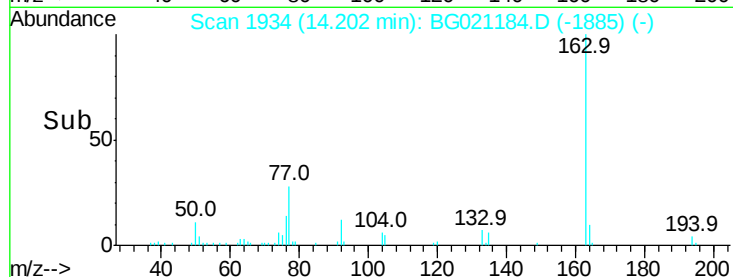
164 10.3 7.9 11.9



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: 17.49 min Scan# 2494

Delta R.T. -0.01 min

Lab File: BG021184.D

Acq: 1 Mar 2016 12:04

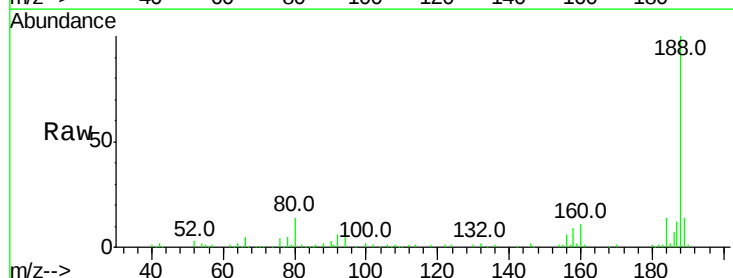
Tgt Ion:188 Resp: 75824

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.4

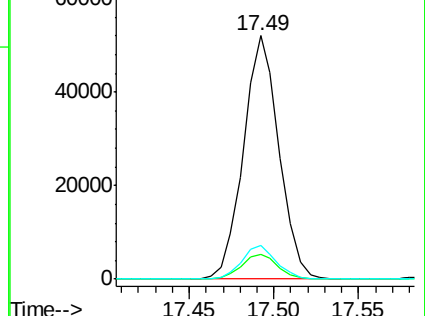
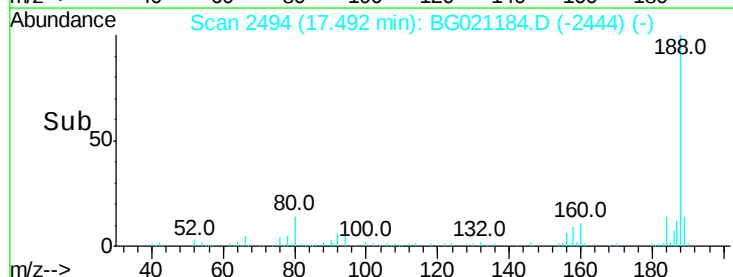
80 14.0 9.2 13.8#

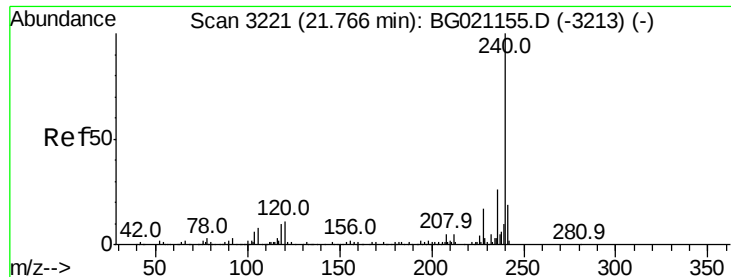


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.01 min

Lab File: BG021184.D

Acq: 1 Mar 2016 12:04

Instrument :

BNA_G

ClientSampleId :

SP-1+20(0-2)RE

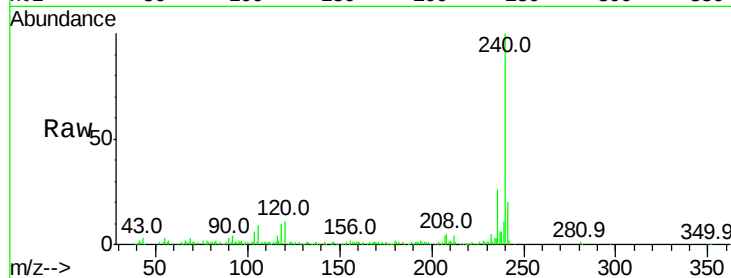
Tot Ion:240 Resp: 80992

Ion Ratio Lower Upper

240 100

120 10.9 7.5 11.3

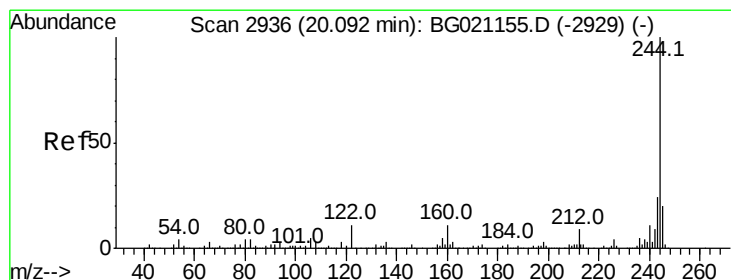
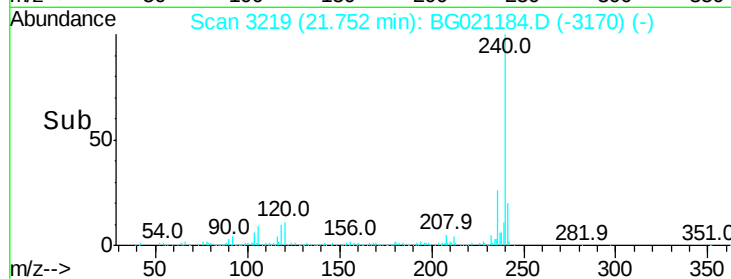
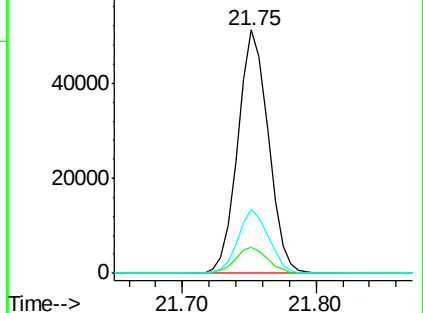
236 26.5 20.5 30.7



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



#78

Terphenyl-d14

Concen: 70.21 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.01 min

Lab File: BG021184.D

Acq: 1 Mar 2016 12:04

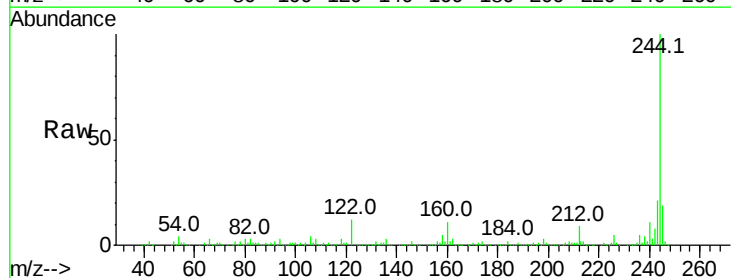
Tgt Ion:244 Resp: 234716

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.6#

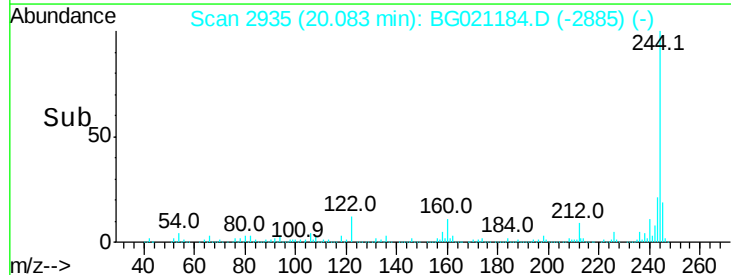
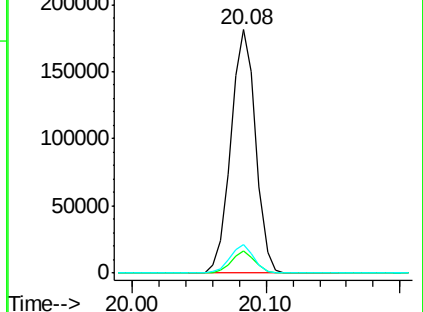
122 11.9 8.3 12.5

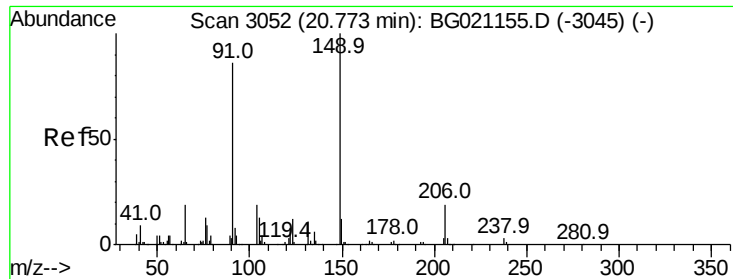


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

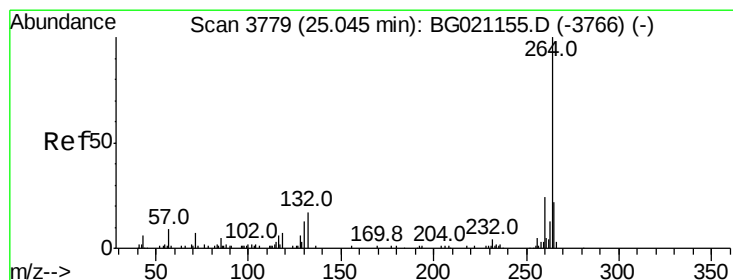
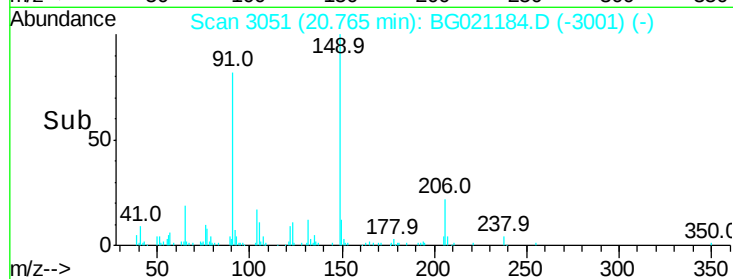
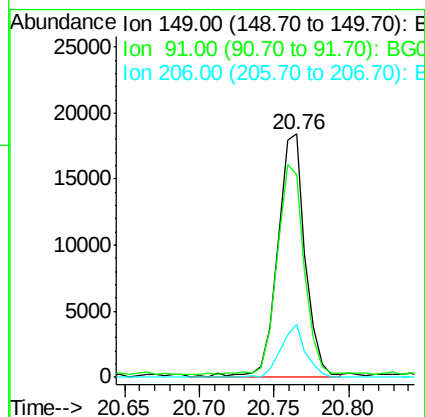
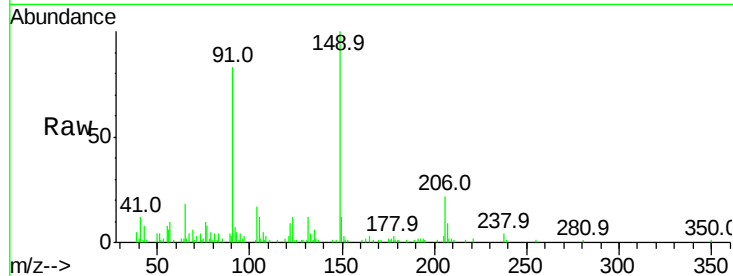




#79
Butylbenzylphthalate
Concen: 9.65 ng
RT: 20.76 min Scan# 3051
Delta R.T. -0.01 min
Lab File: BG021184.D
Acq: 1 Mar 2016 12:04

Instrument :
BNA_G
ClientSampleId :
SP-1+20(0-2)RE

Tot Ion:149 Resp: 23801
Ion Ratio Lower Upper
149 100
91 83.2 58.6 87.8
206 21.9 14.2 21.4#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3777
Delta R.T. -0.01 min
Lab File: BG021184.D
Acq: 1 Mar 2016 12:04

Tgt Ion:264 Resp: 74754
Ion Ratio Lower Upper
264 100
260 26.4 18.5 27.7
265 21.9 18.6 28.0

