

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
 Data File : BG021128.D
 Acq On : 27 Feb 2016 23:37
 Operator : UM/SJ
 Sample : PB88567BL
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB88567BL

Quant Time: Feb 29 00:22:54 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	6033	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	26981	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	17637	20.00	ng	-0.01
63) Phenanthrene-d10	17.51	188	49200	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	57024	20.00	ng	-0.02
86) Perylene-d12	25.05	264	51873	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	29926	86.84	ng	-0.01
7) Phenol-d6	7.31	99	45930	89.57	ng	-0.02
23) Nitrobenzene-d5	9.33	82	45990	81.21	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	16312	70.54	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	92015	66.76	ng	-0.01
78) Terphenyl-d14	20.09	244	193152	79.16	ng	-0.02

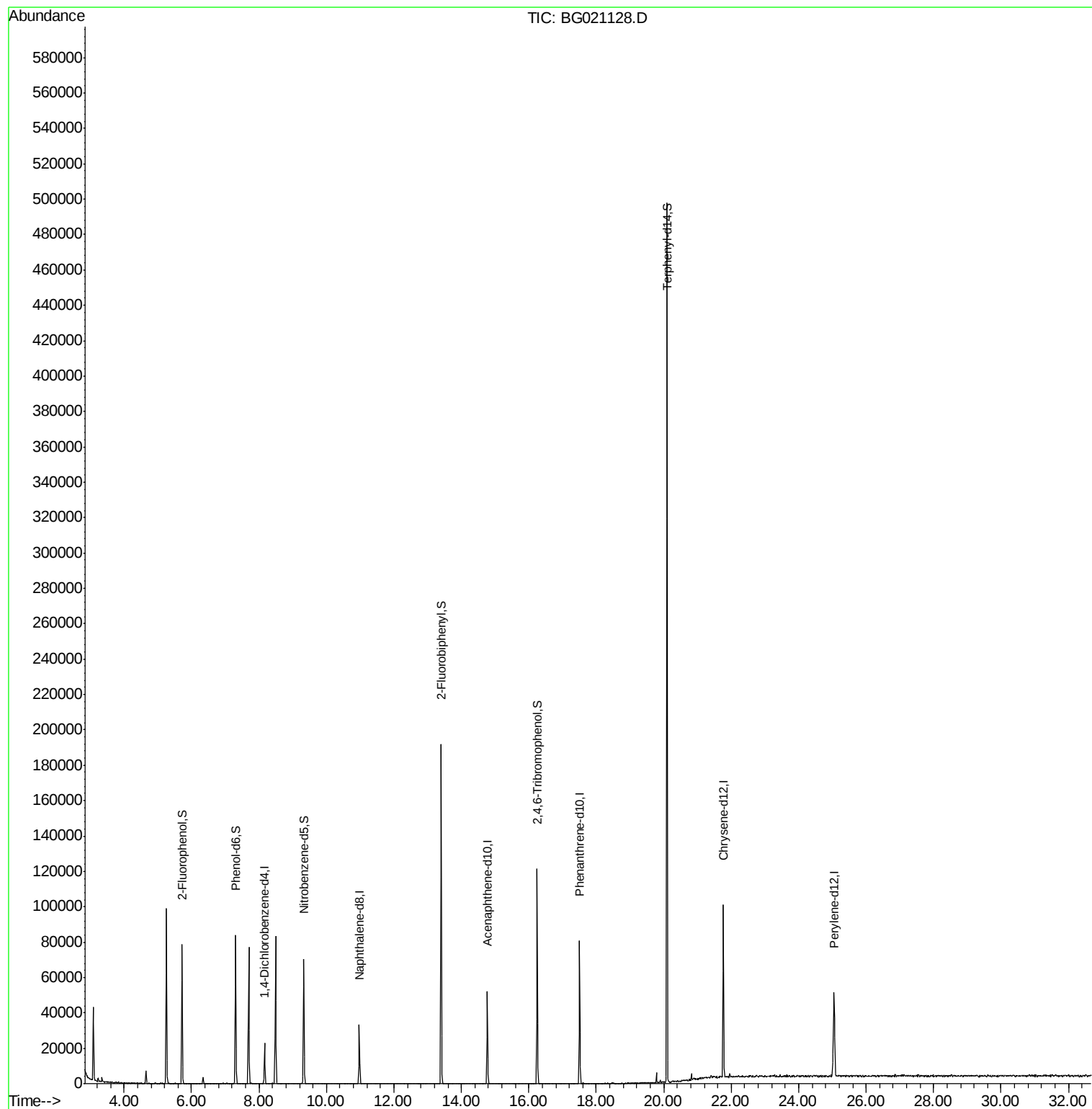
Target Compounds	Qvalue
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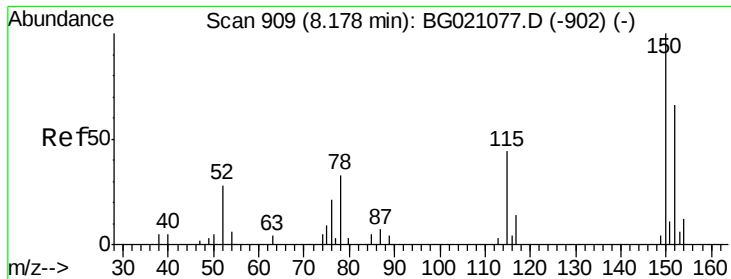
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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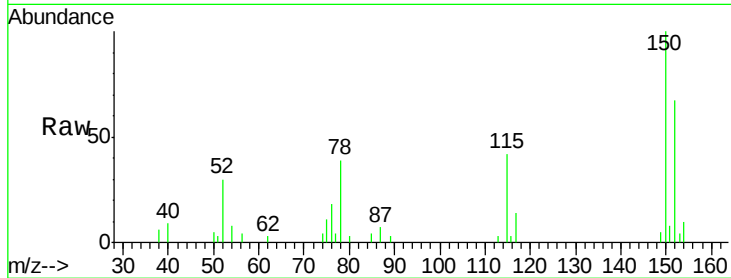


#1

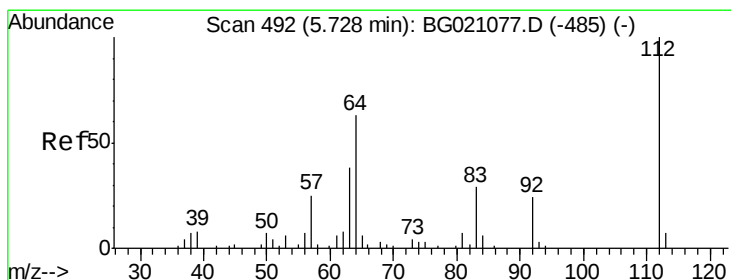
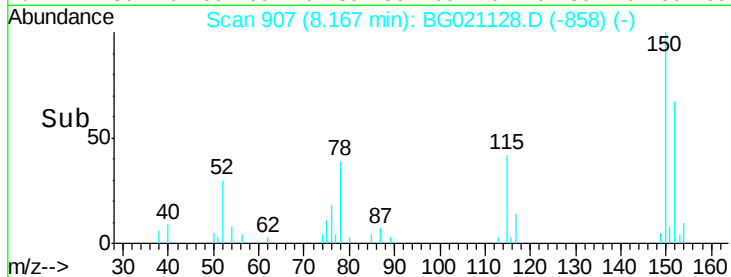
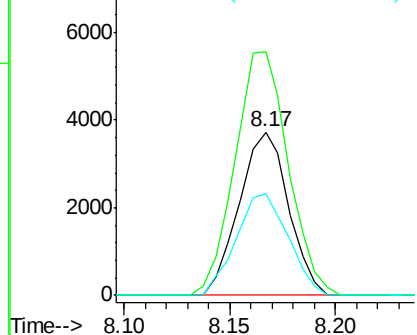
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG021128.D
Acq: 27 Feb 2016 23:37

Instrument :
BNA_G
ClientSampled :
PB88567BL

Tgt Ion:152 Resp: 6033
Ion Ratio Lower Upper
152 100
150 149.0 123.4 185.2
115 62.0 43.3 64.9



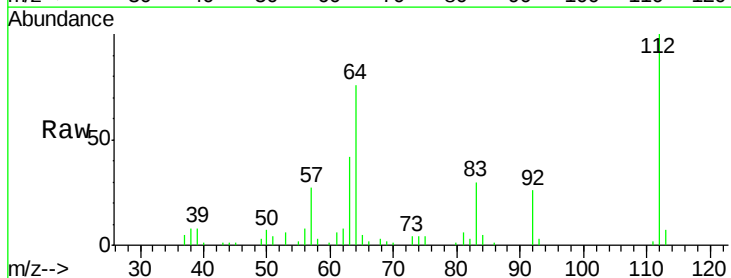
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



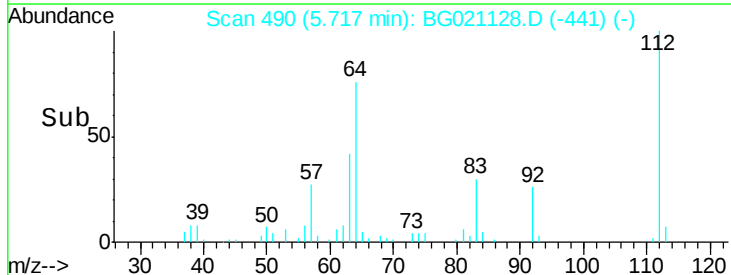
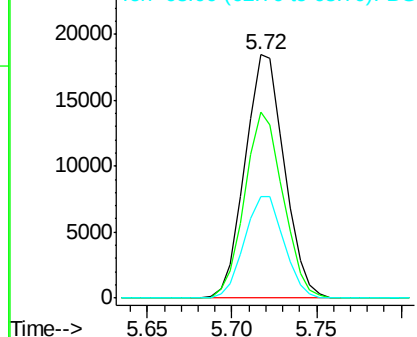
#5

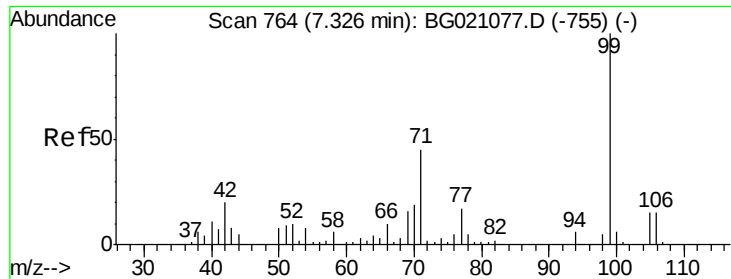
2-Fluorophenol
Concen: 86.84 ng
RT: 5.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: BG021128.D
Acq: 27 Feb 2016 23:37

Tgt Ion:112 Resp: 29926
Ion Ratio Lower Upper
112 100
64 76.5 42.6 63.8#
63 41.8 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: 89.57 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.02 min

Lab File: BG021128.D

Acq: 27 Feb 2016 23:37

Instrument :

BNA_G

ClientSampleId :

PB88567BL

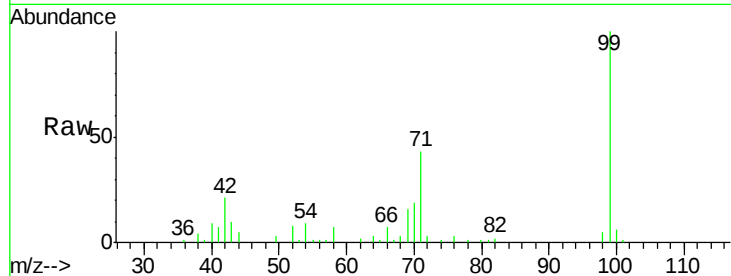
Tgt Ion: 99 Resp: 45930

Ion Ratio Lower Upper

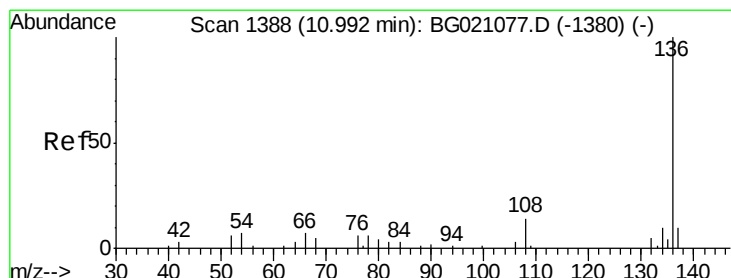
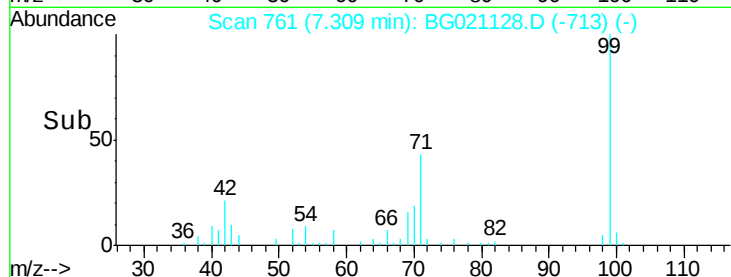
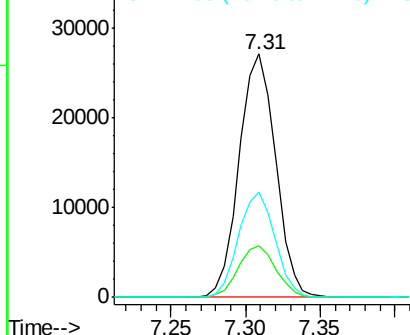
99 100

42 21.3 13.2 19.8#

71 43.5 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: 10.98 min Scan# 1385

Delta R.T. -0.02 min

Lab File: BG021128.D

Acq: 27 Feb 2016 23:37

Tgt Ion: 136 Resp: 26981

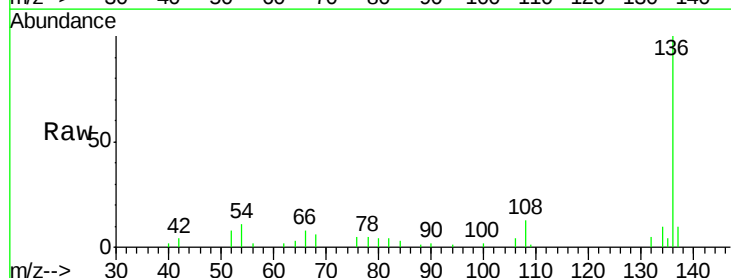
Ion Ratio Lower Upper

136 100

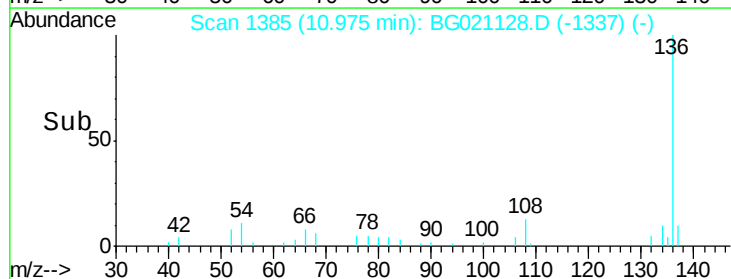
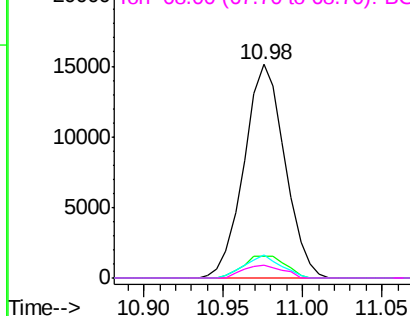
137 10.0 8.8 13.2

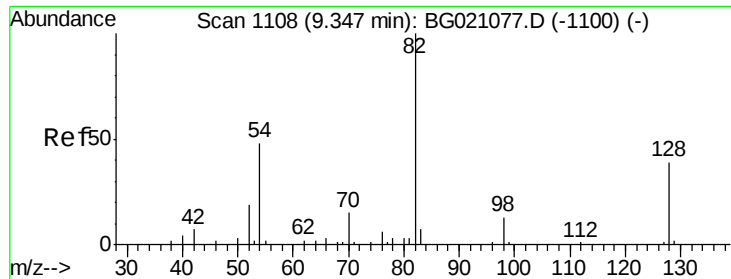
54 10.5 6.9 10.3#

68 6.0 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

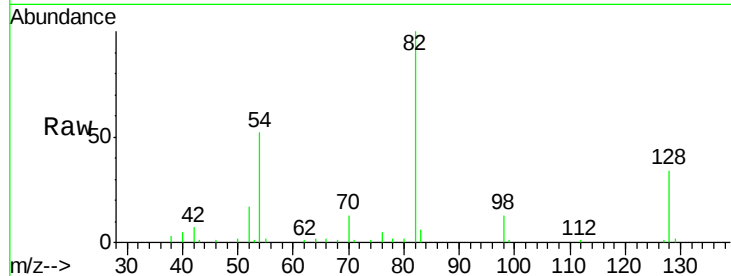




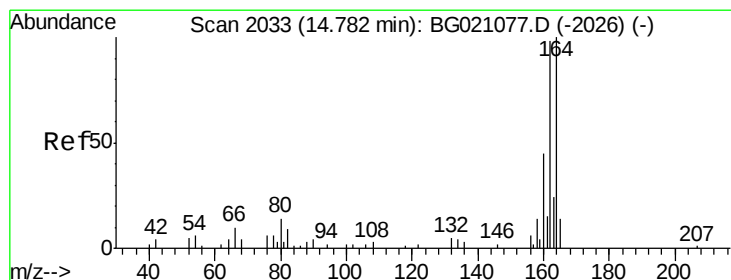
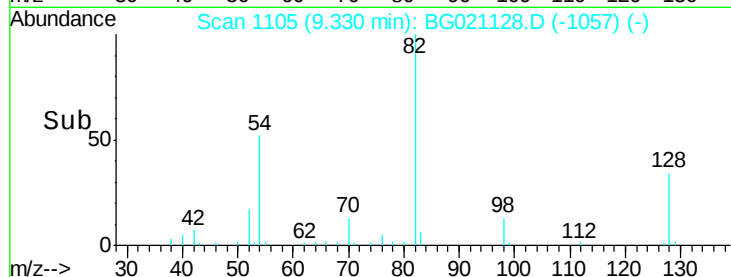
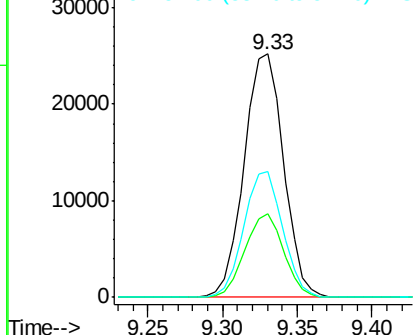
#23
Nitrobenzene-d5
Concen: 81.21 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BG021128.D
Acq: 27 Feb 2016 23:37

Instrument :
BNA_G
ClientSampleId :
PB88567BL

Tgt Ion: 82 Resp: 45990
Ion Ratio Lower Upper
82 100
128 34.2 36.3 54.5#
54 51.7 37.6 56.4

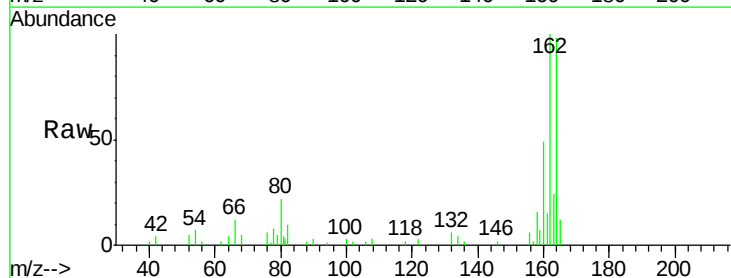


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

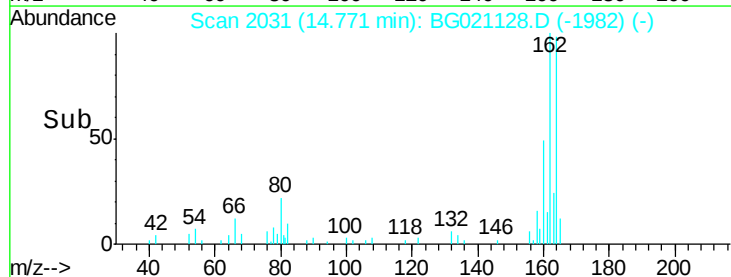
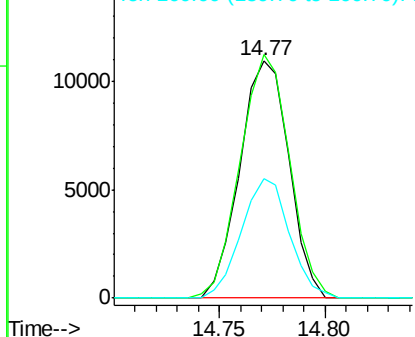


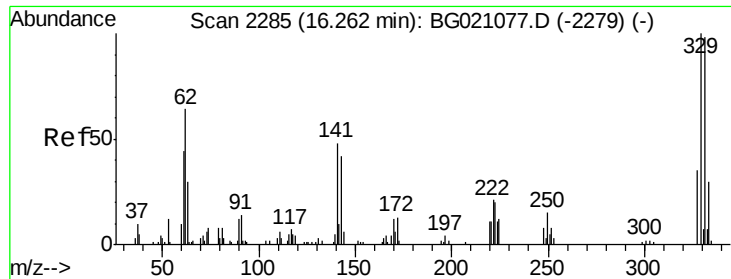
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG021128.D
Acq: 27 Feb 2016 23:37

Tgt Ion: 164 Resp: 17637
Ion Ratio Lower Upper
164 100
162 102.5 80.6 120.8
160 50.5 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

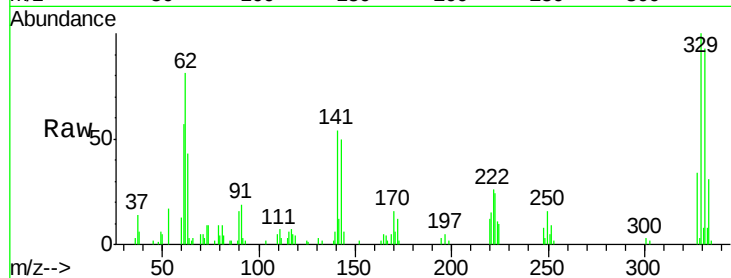




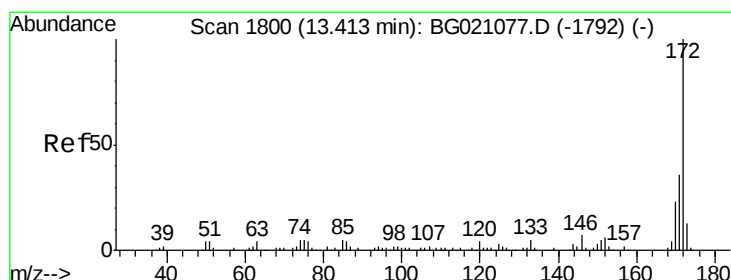
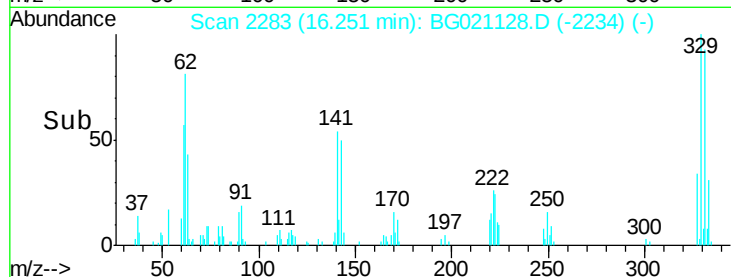
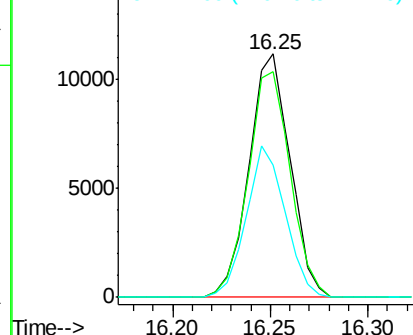
#41
 2,4,6-Tribromophenol
 Concen: 70.54 ng
 RT: 16.25 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BG021128.D
 Acq: 27 Feb 2016 23:37

Instrument :
 BNA_G
 ClientSampleId :
 PB88567BL

Tgt Ion:330 Resp: 16312
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.4 116.0
 141 58.9 35.3 52.9#

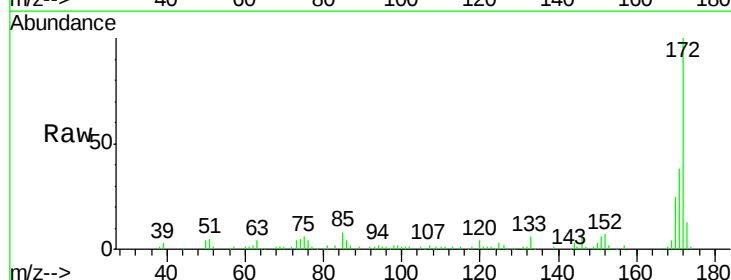


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

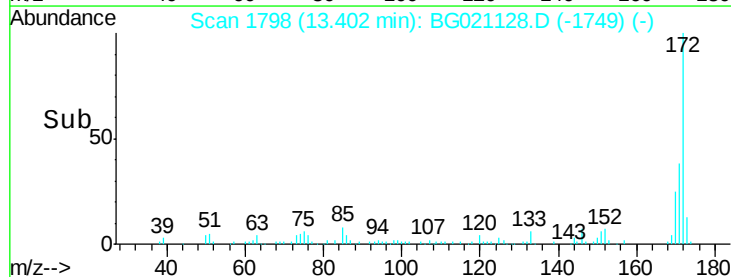
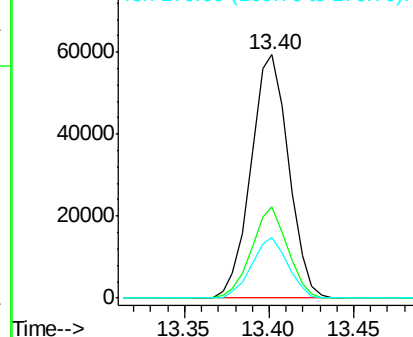


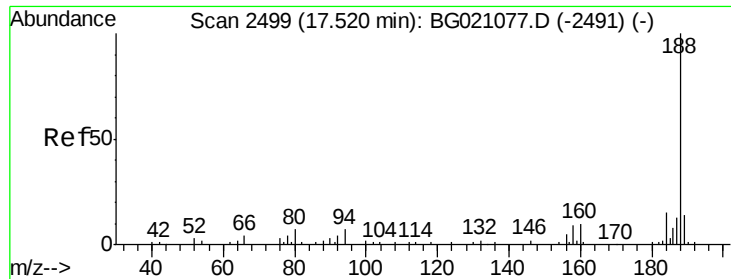
#44
 2-Fluorobiphenyl
 Concen: 66.76 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG021128.D
 Acq: 27 Feb 2016 23:37

Tgt Ion:172 Resp: 92015
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.4 44.0
 170 24.8 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

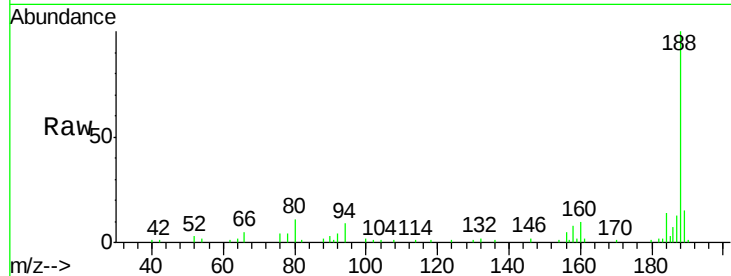




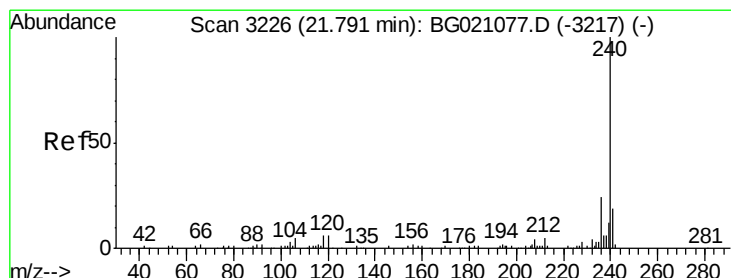
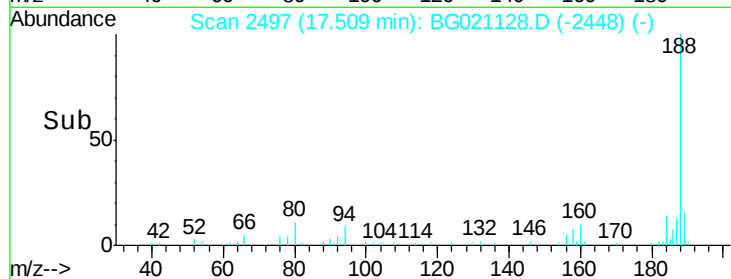
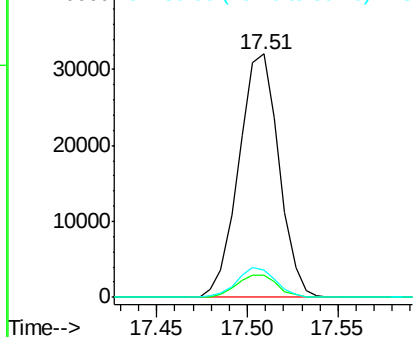
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 2497
Delta R.T. -0.01 min
Lab File: BG021128.D
Acq: 27 Feb 2016 23:37

Instrument :
BNA_G
ClientSampleId :
PB88567BL

Tgt Ion:188 Resp: 49200
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.4
80 11.3 9.2 13.8

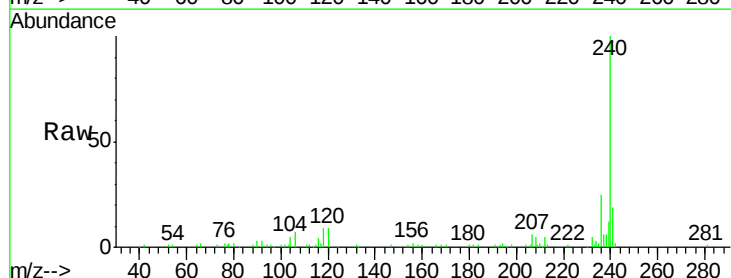


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

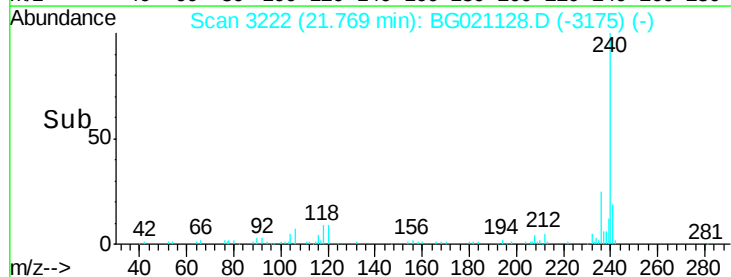
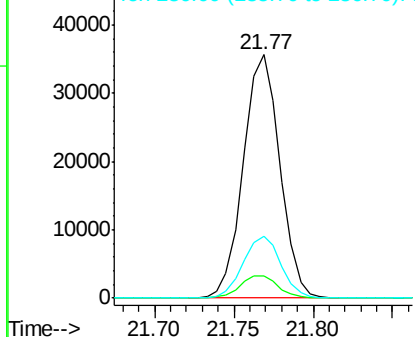


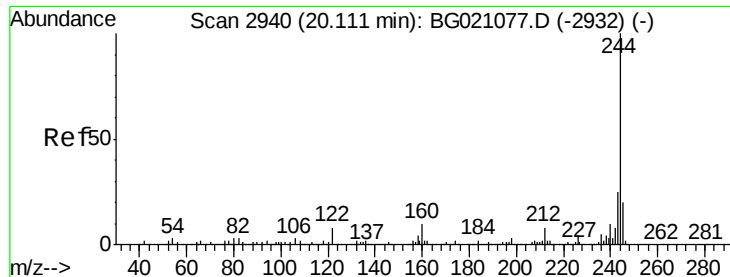
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3222
Delta R.T. -0.02 min
Lab File: BG021128.D
Acq: 27 Feb 2016 23:37

Tgt Ion:240 Resp: 57024
Ion Ratio Lower Upper
240 100
120 9.2 7.5 11.3
236 25.1 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: 79.16 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.02 min

Lab File: BG021128.D

Acq: 27 Feb 2016 23:37

Instrument :

BNA_G

ClientSampleId :

PB88567BL

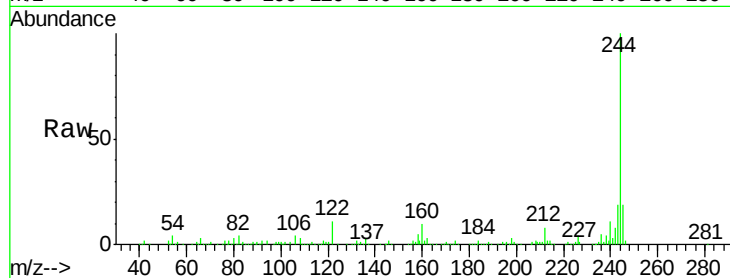
Tgt Ion:244 Resp: 193152

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.6

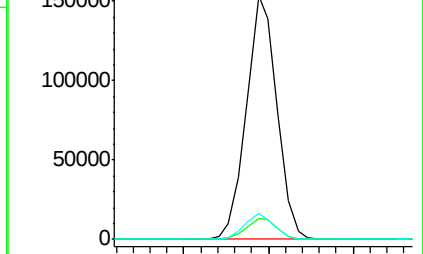
122 10.8 8.3 12.5



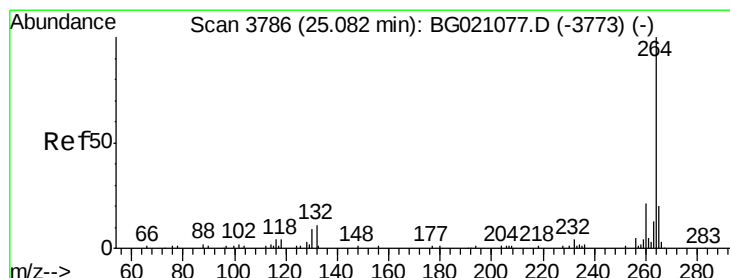
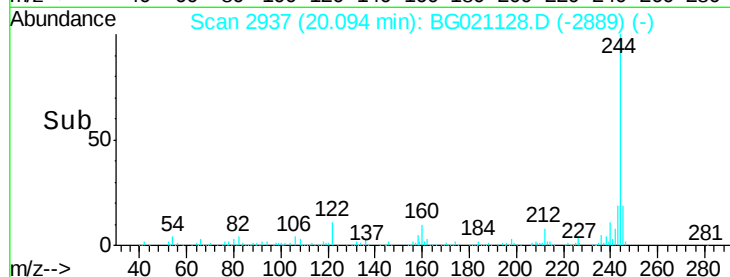
Abundance Ion 244.00 (243.70 to 244.70): E

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# 3781

Delta R.T. -0.03 min

Lab File: BG021128.D

Acq: 27 Feb 2016 23:37

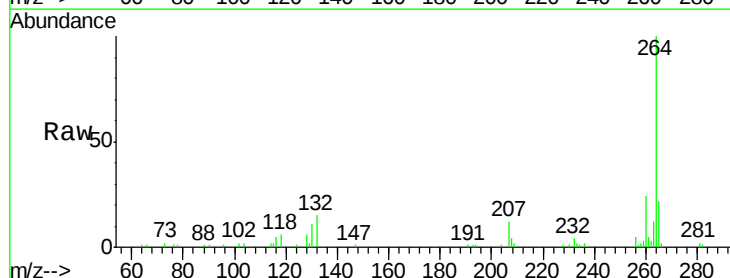
Tgt Ion:264 Resp: 51873

Ion Ratio Lower Upper

264 100

260 23.7 18.5 27.7

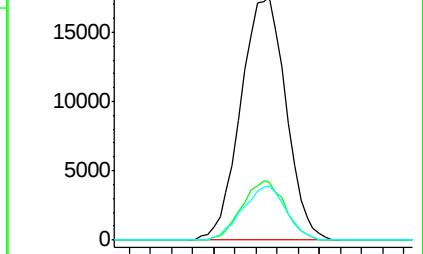
265 22.2 18.6 28.0



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



Time-->

