

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
 Data File : BG021127.D
 Acq On : 27 Feb 2016 22:58
 Operator : UM/SJ
 Sample : PB88551BL
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB88551BL

Quant Time: Feb 29 00:22:40 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	7398	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	33382	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	21350	20.00	ng	-0.01
63) Phenanthrene-d10	17.51	188	57164	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	64340	20.00	ng	-0.02
86) Perylene-d12	25.05	264	58908	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	59960	141.89	ng	-0.01
7) Phenol-d6	7.31	99	91068	144.83	ng	-0.02
23) Nitrobenzene-d5	9.33	82	62506	89.21	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	31942	114.11	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	122926	73.68	ng	-0.01
78) Terphenyl-d14	20.10	244	239134	86.86	ng	-0.01

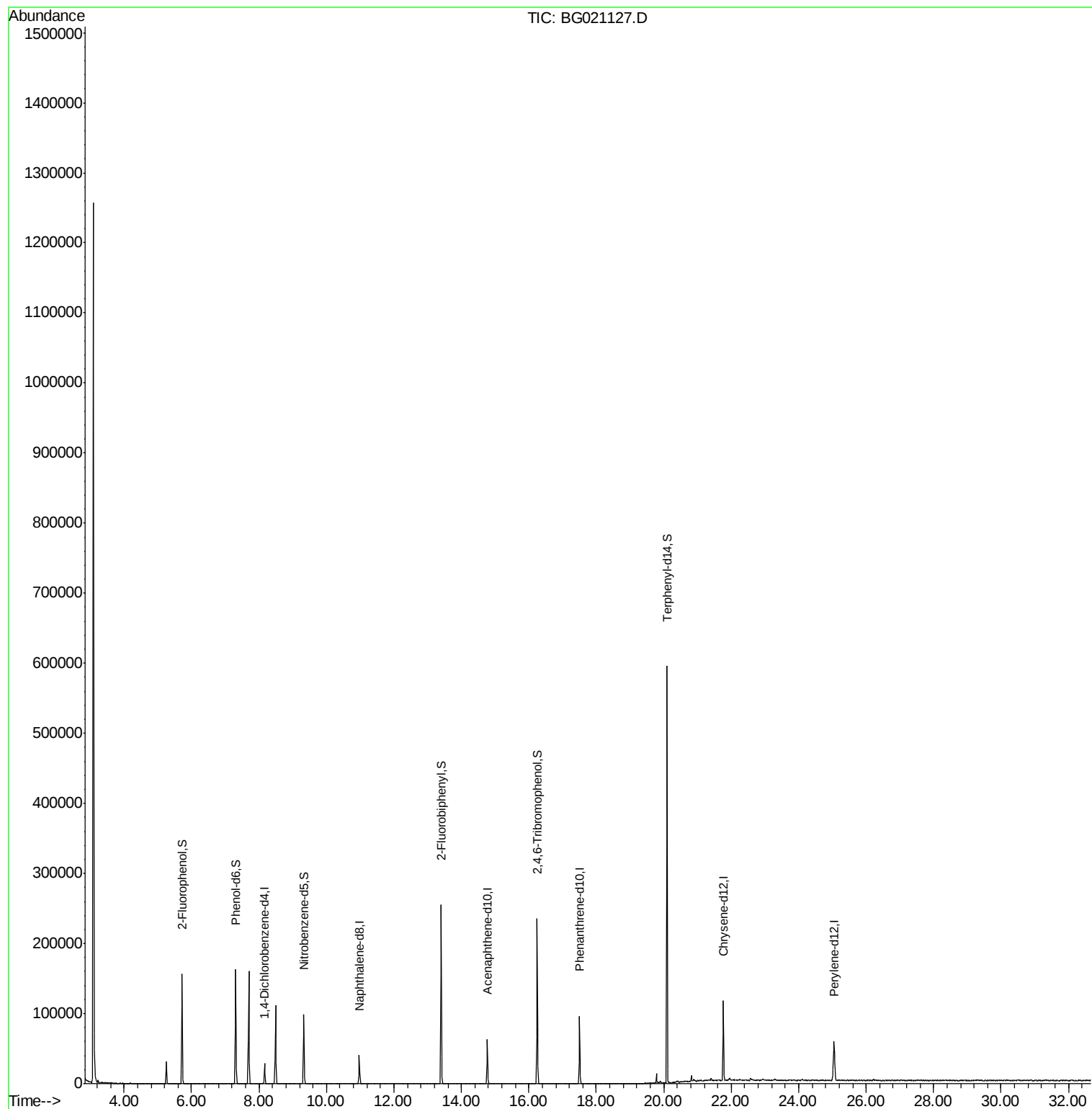
Target Compounds	Qvalue
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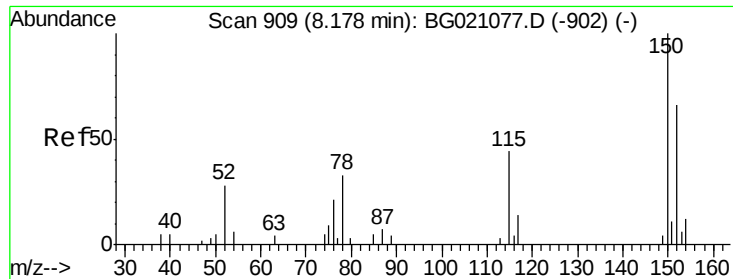
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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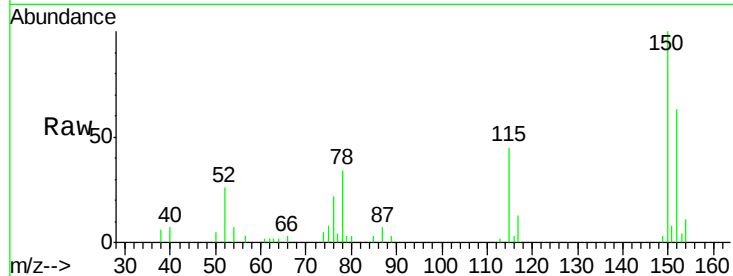


#1

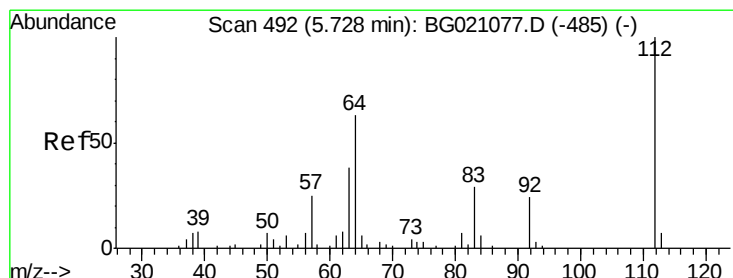
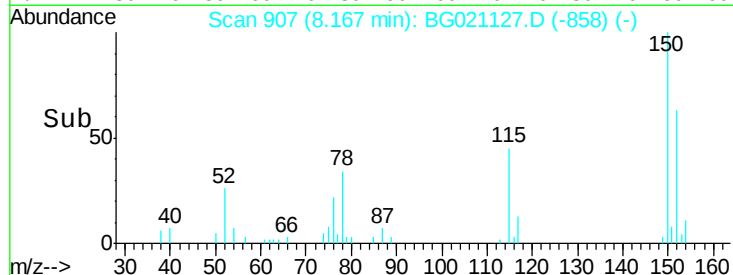
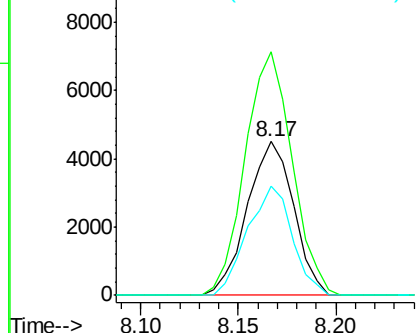
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG021127.D
Acq: 27 Feb 2016 22:58

Instrument :
BNA_G
ClientSampleId :
PB88551BL

Tgt Ion:152 Resp: 7398
Ion Ratio Lower Upper
152 100
150 158.3 123.4 185.2
115 71.0 43.3 64.9#



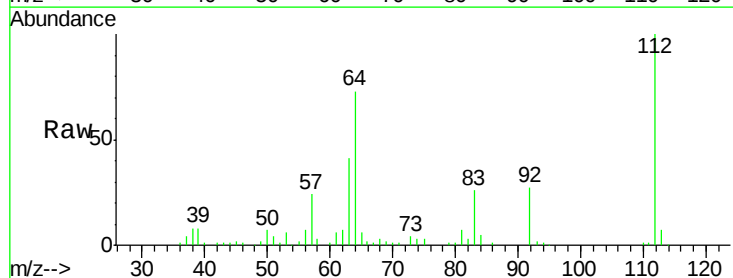
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



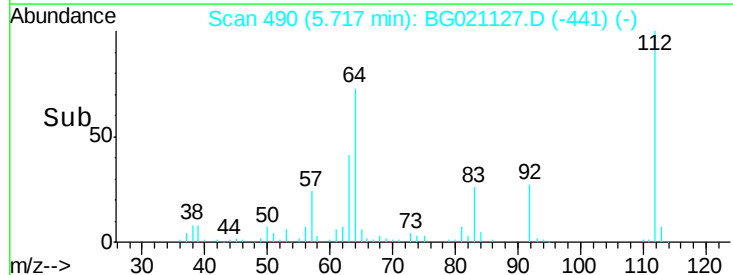
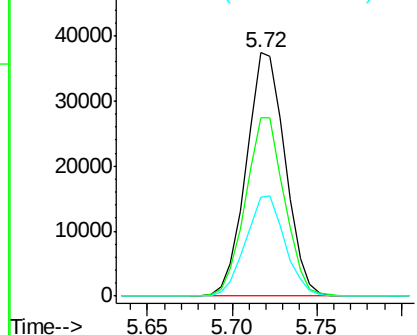
#5

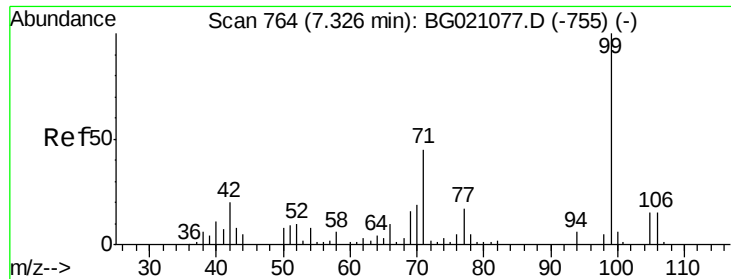
2-Fluorophenol
Concen: 141.89 ng
RT: 5.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: BG021127.D
Acq: 27 Feb 2016 22:58

Tgt Ion:112 Resp: 59960
Ion Ratio Lower Upper
112 100
64 73.0 42.6 63.8#
63 40.7 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: 144.83 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.02 min

Lab File: BG021127.D

Acq: 27 Feb 2016 22:58

Instrument :

BNA_G

ClientSampleId :

PB88551BL

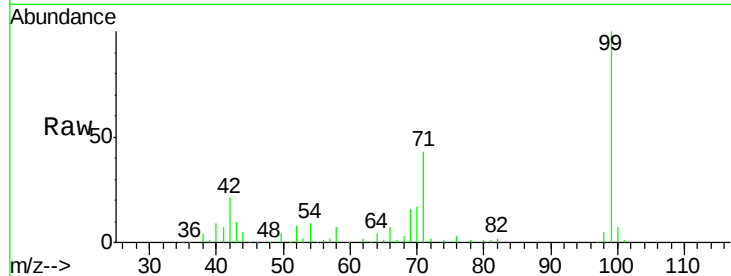
Tgt Ion: 99 Resp: 91068

Ion Ratio Lower Upper

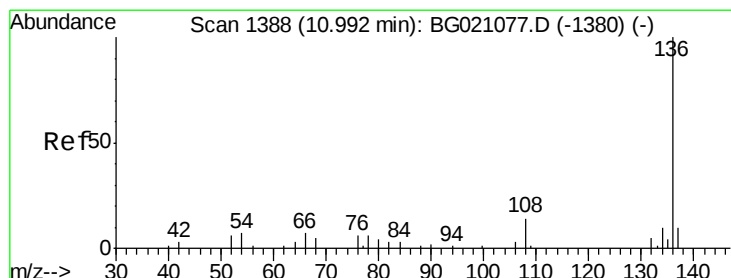
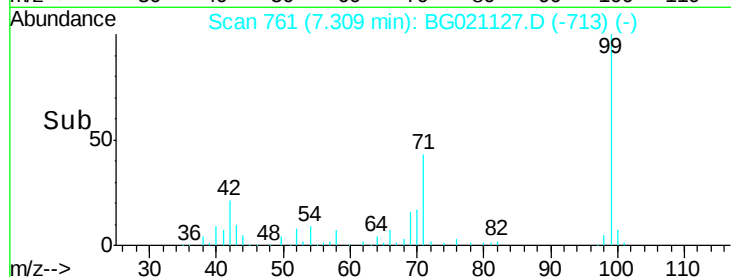
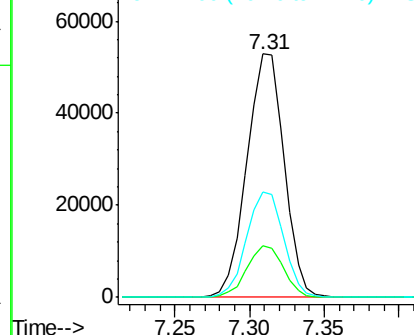
99 100

42 21.0 13.2 19.8#

71 43.3 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: BG021127.D

Acq: 27 Feb 2016 22:58

Tgt Ion: 136 Resp: 33382

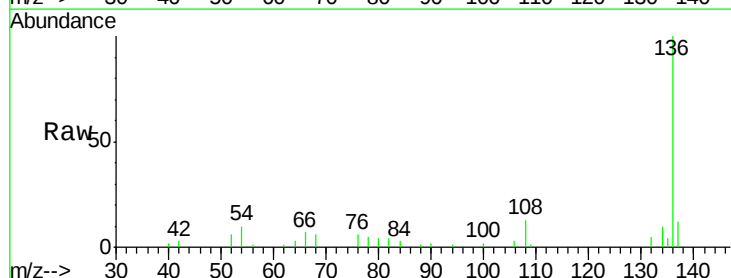
Ion Ratio Lower Upper

136 100

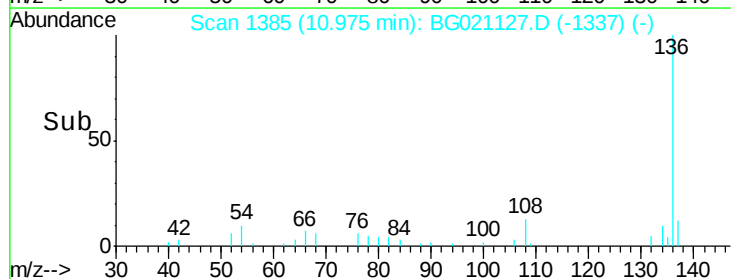
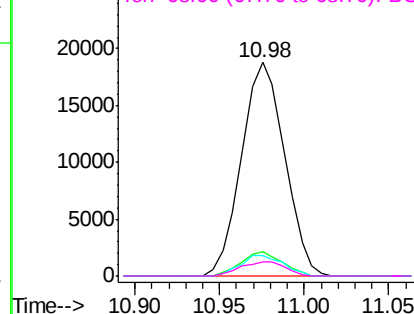
137 11.6 8.8 13.2

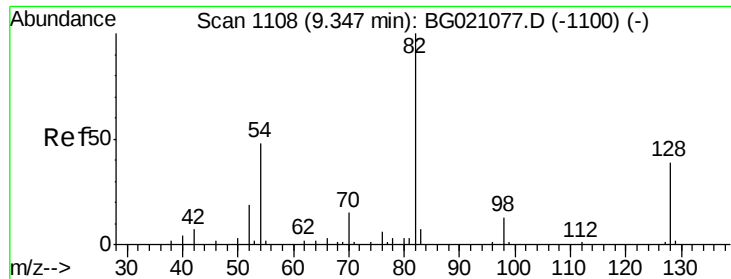
54 9.8 6.9 10.3

68 6.4 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

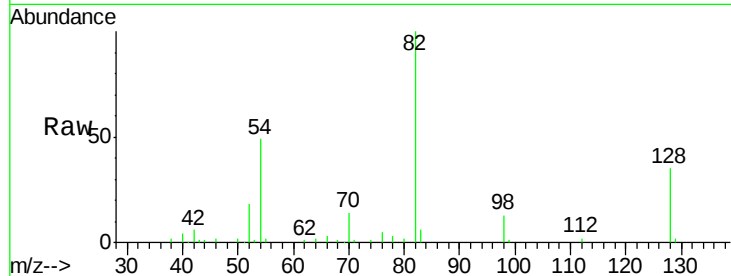




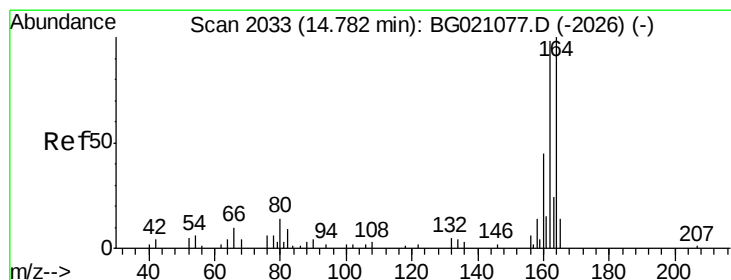
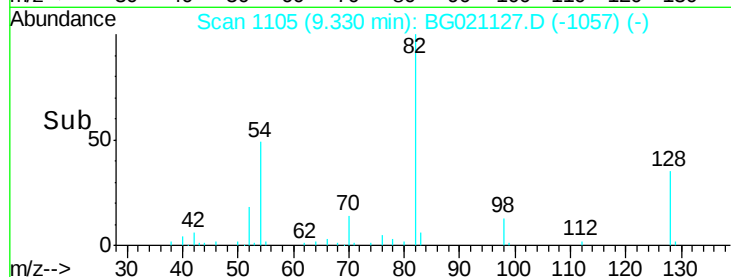
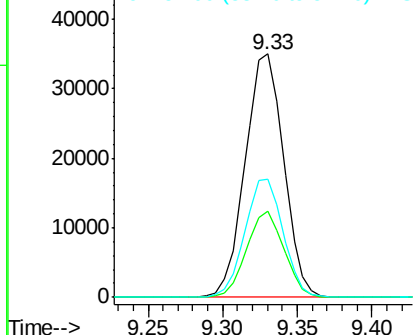
#23
 Nitrobenzene-d5
 Concen: 89.21 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.02 min
 Lab File: BG021127.D
 Acq: 27 Feb 2016 22:58

Instrument :
 BNA_G
 ClientSampleId :
 PB88551BL

Tgt Ion: 82 Resp: 62506
 Ion Ratio Lower Upper
 82 100
 128 35.3 36.3 54.5#
 54 48.7 37.6 56.4

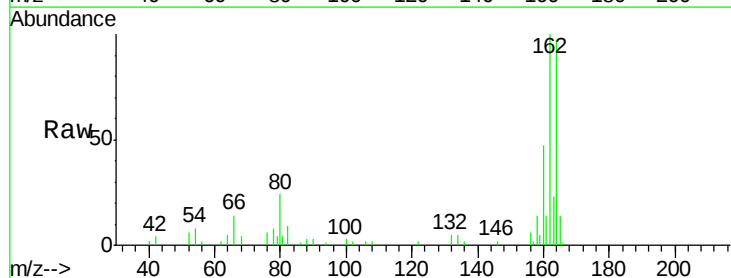


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

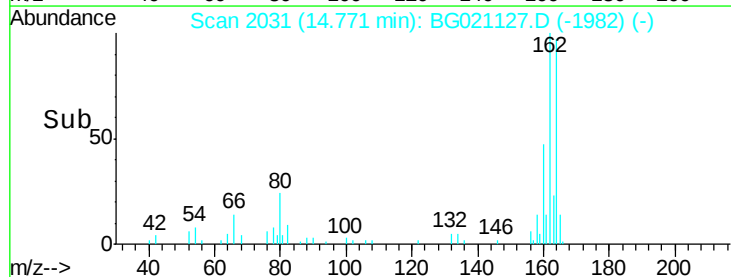
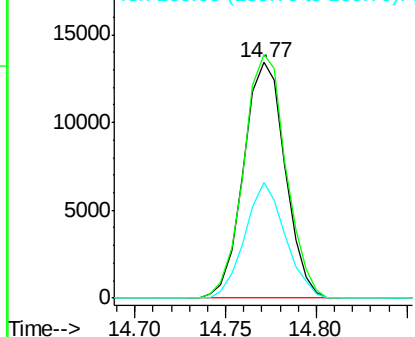


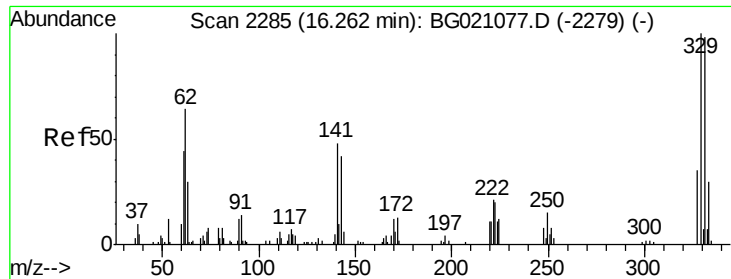
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.77 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG021127.D
 Acq: 27 Feb 2016 22:58

Tgt Ion: 164 Resp: 21350
 Ion Ratio Lower Upper
 164 100
 162 103.4 80.6 120.8
 160 49.1 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

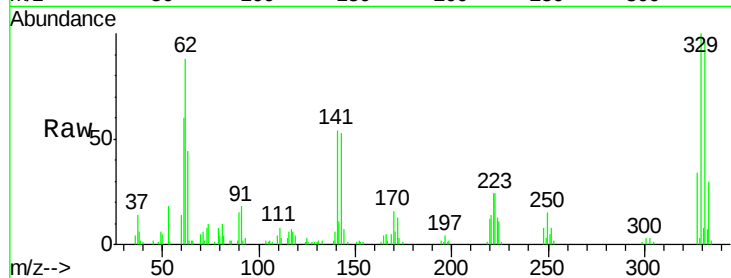




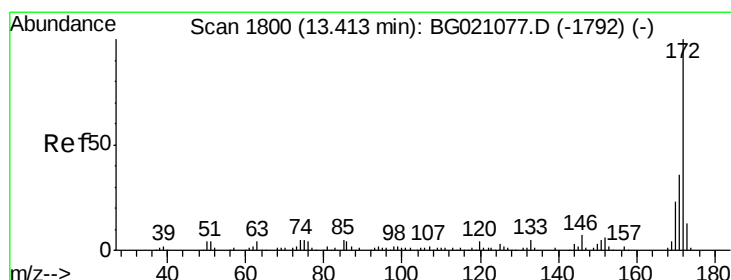
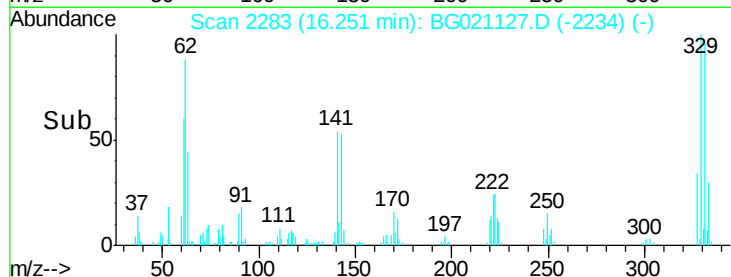
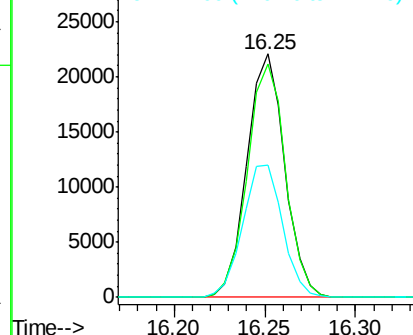
#41
 2,4,6-Tribromophenol
 Concen: 114.11 ng
 RT: 16.25 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BG021127.D
 Acq: 27 Feb 2016 22:58

Instrument :
 BNA_G
 ClientSampleId :
 PB88551BL

Tgt Ion:330 Resp: 31942
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.0
 141 57.4 35.3 52.9#

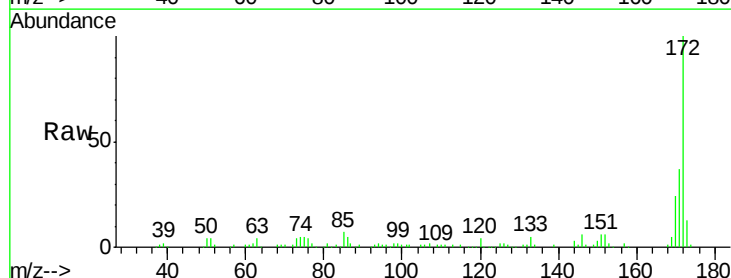


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

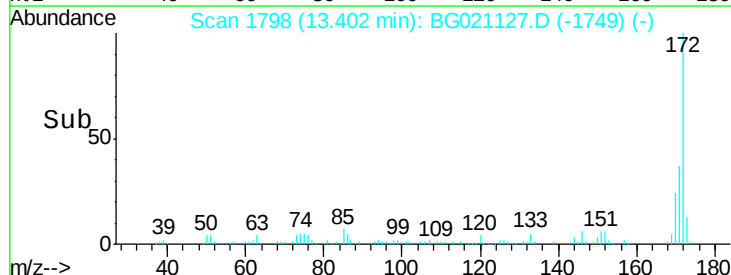
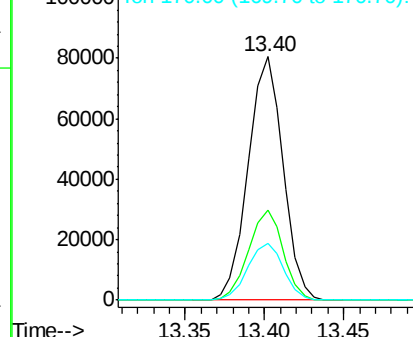


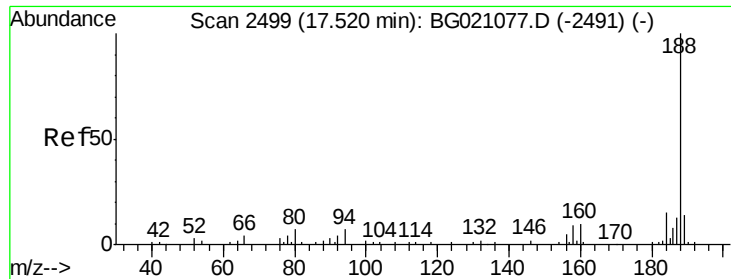
#44
 2-Fluorobiphenyl
 Concen: 73.68 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG021127.D
 Acq: 27 Feb 2016 22:58

Tgt Ion:172 Resp: 122926
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 23.6 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

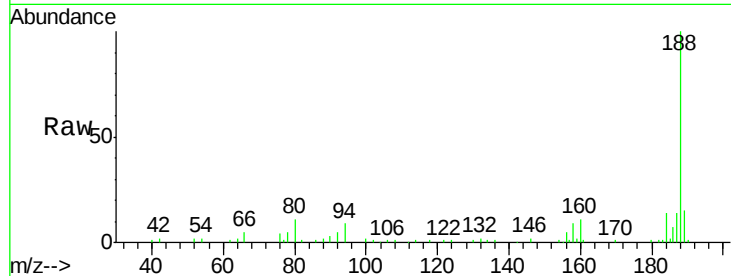




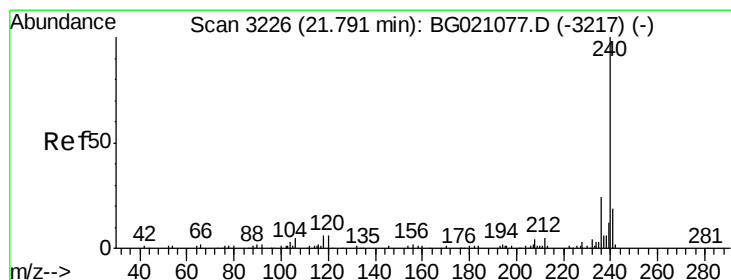
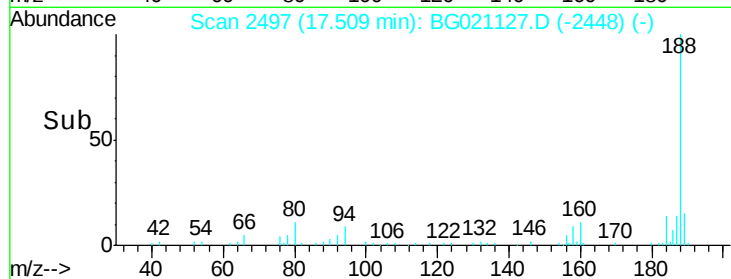
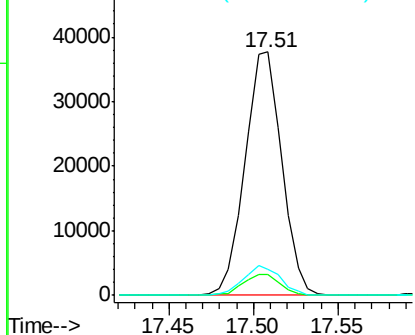
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.51 min Scan# 2497
 Delta R.T. -0.01 min
 Lab File: BG021127.D
 Acq: 27 Feb 2016 22:58

Instrument :
 BNA_G
 ClientSampleId :
 PB88551BL

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.4
80	10.9	9.2	13.8

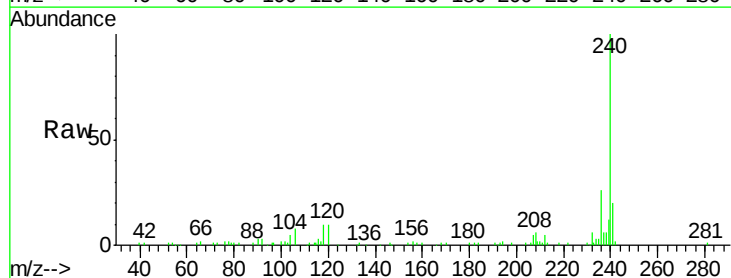


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

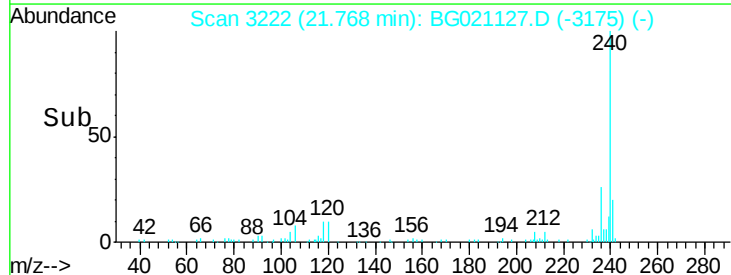
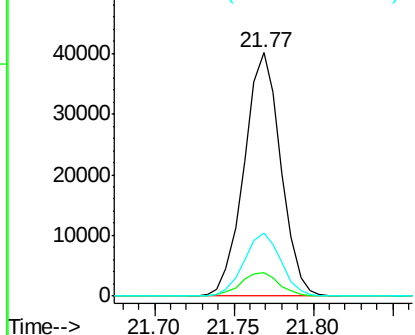


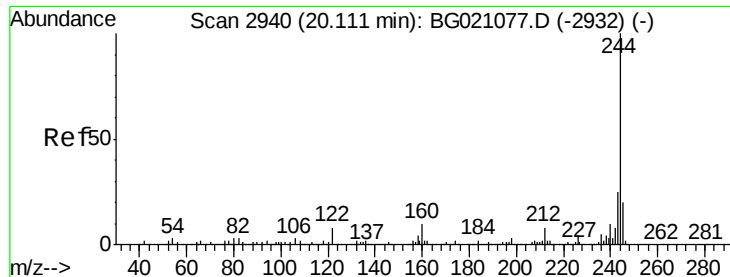
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.77 min Scan# 3222
 Delta R.T. -0.02 min
 Lab File: BG021127.D
 Acq: 27 Feb 2016 22:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	7.5	11.3
236	26.0	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: 86.86 ng

RT: 20.10 min Scan# 2938

Delta R.T. -0.01 min

Lab File: BG021127.D

Acq: 27 Feb 2016 22:58

Instrument :

BNA_G

ClientSampleId :

PB88551BL

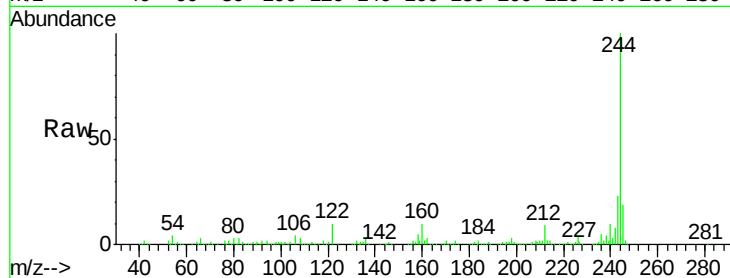
Tgt Ion:244 Resp: 239134

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.6

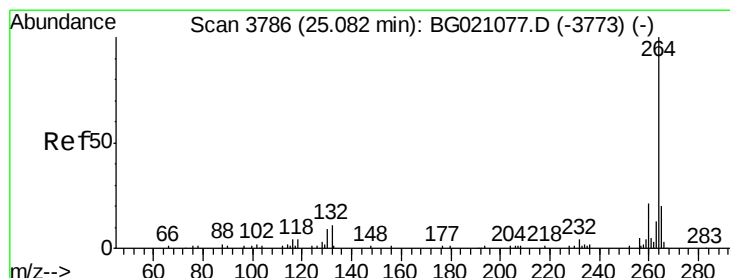
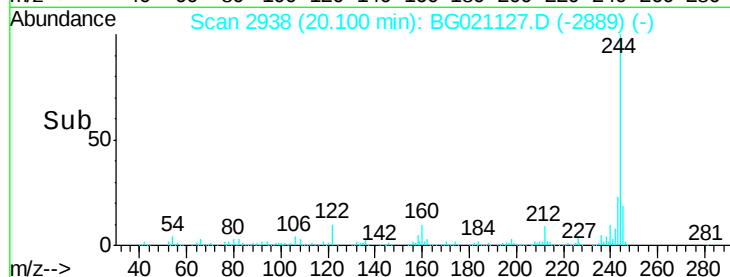
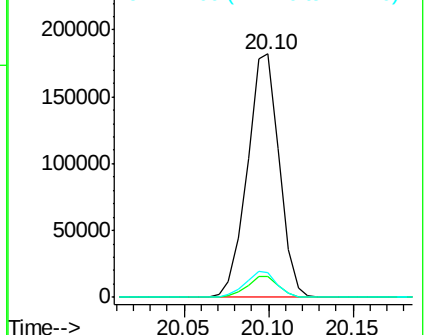
122 10.0 8.3 12.5



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: BG021127.D

Acq: 27 Feb 2016 22:58

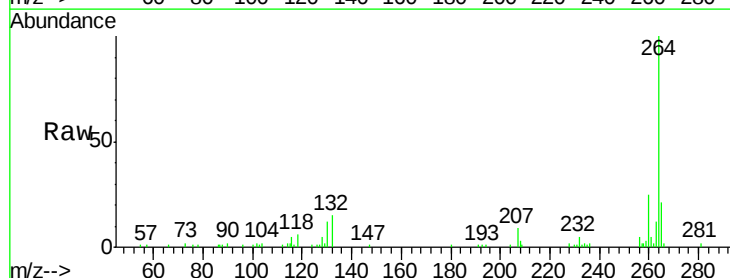
Tgt Ion:264 Resp: 58908

Ion Ratio Lower Upper

264 100

260 25.5 18.5 27.7

265 20.6 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

