

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
 Data File : BG021107.D
 Acq On : 27 Feb 2016 9:53
 Operator : UM/SJ
 Sample : H1558-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-18

Quant Time: Feb 29 00:46:55 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

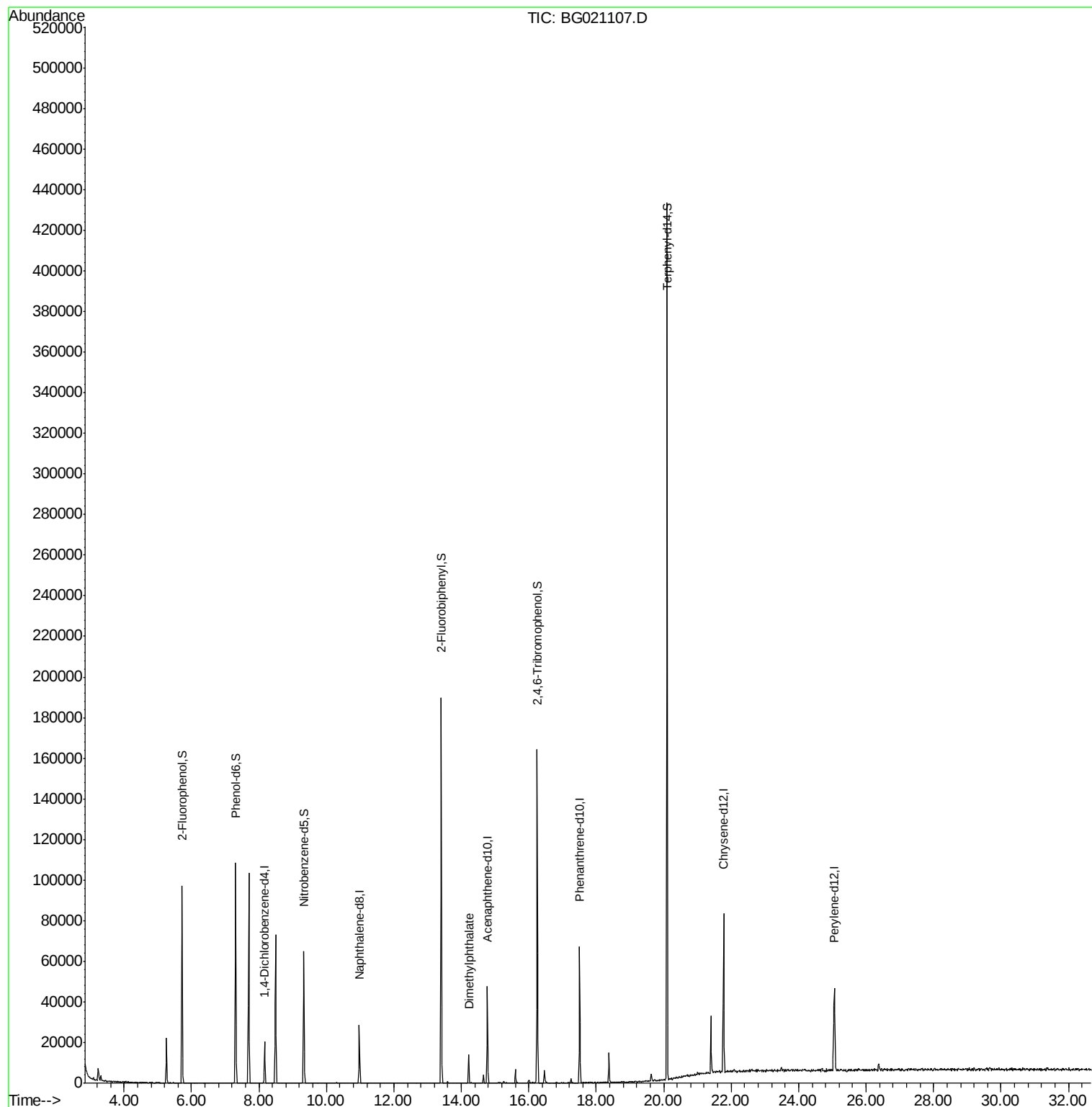
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	5543	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	24571	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	16038	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	40798	20.00	ng	0.00
75) Chrysene-d12	21.77	240	49460	20.00	ng	-0.02
86) Perylene-d12	25.06	264	45282	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	38406	121.30	ng	0.00
7) Phenol-d6	7.31	99	57917	122.93	ng	-0.02
23) Nitrobenzene-d5	9.33	82	40290	78.13	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	23134	110.02	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	90336	72.08	ng	0.00
78) Terphenyl-d14	20.10	244	173902	82.17	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.22	163	9210	6.66	ng	Qvalue # 94

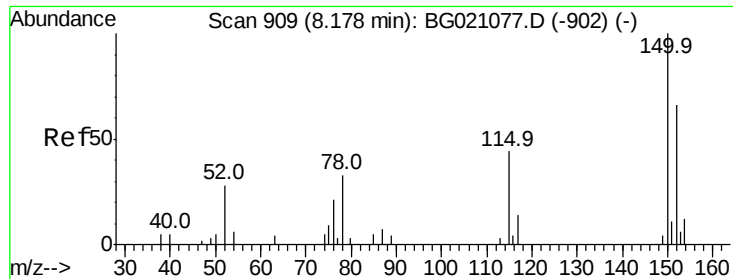
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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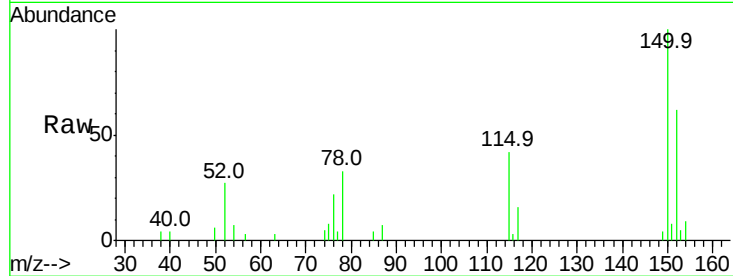


#1

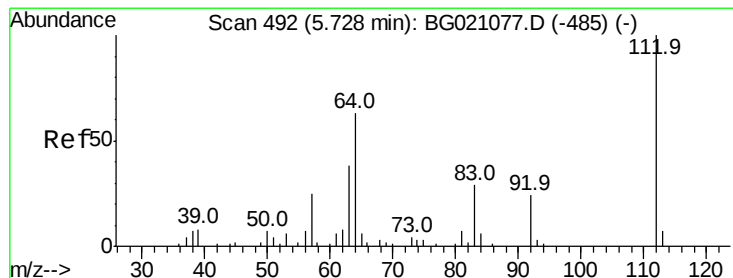
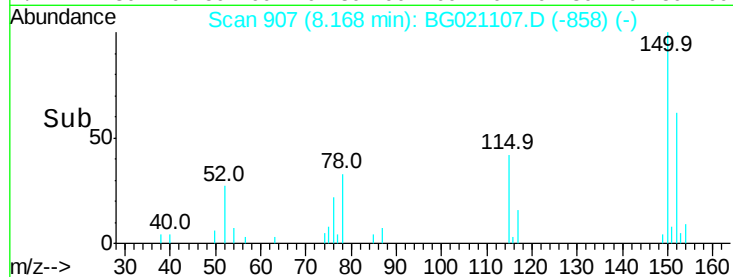
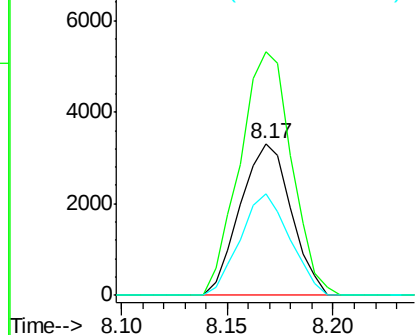
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG021107.D
Acq: 27 Feb 2016 9:53

Instrument :
BNA_G
ClientSampled :
S-18

Tot Ion:152 Resp: 5543
Ion Ratio Lower Upper
152 100
150 160.5 123.4 185.2
115 66.8 43.3 64.9#



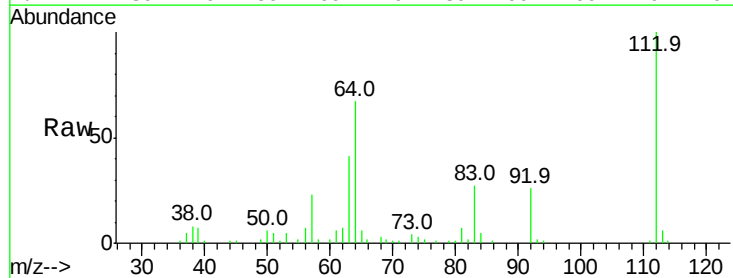
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



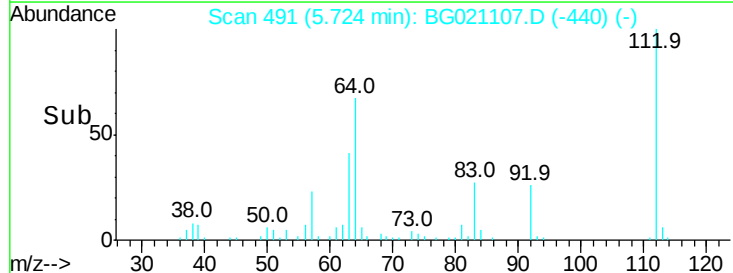
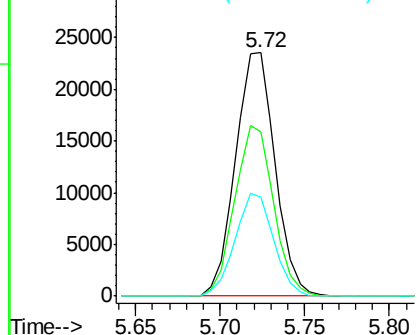
#5

2-Fluorophenol
Concen: 121.30 ng
RT: 5.72 min Scan# 491
Delta R.T. -0.00 min
Lab File: BG021107.D
Acq: 27 Feb 2016 9:53

Tgt Ion:112 Resp: 38406
Ion Ratio Lower Upper
112 100
64 67.5 42.6 63.8#
63 40.9 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: 122.93 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.02 min

Lab File: BG021107.D

Acq: 27 Feb 2016 9:53

Instrument :

BNA_G

ClientSampleId :

S-18

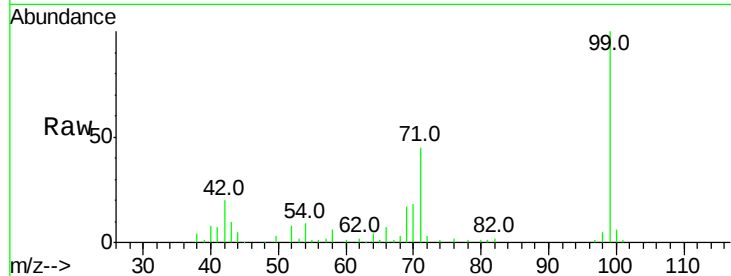
Tot Ion: 99 Resp: 57917

Ion Ratio Lower Upper

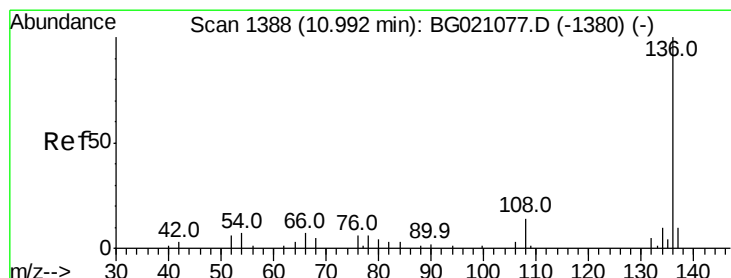
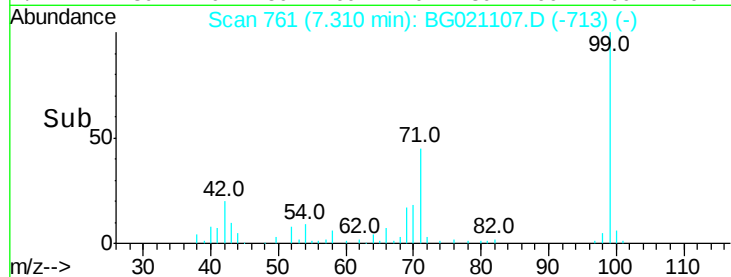
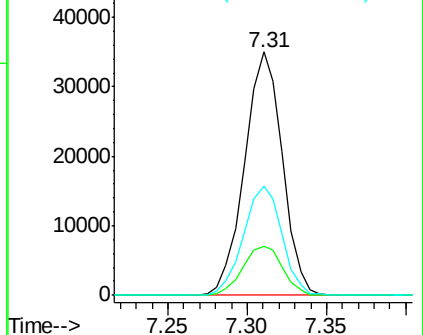
99 100

42 20.4 13.2 19.8#

71 44.8 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: BG021107.D

Acq: 27 Feb 2016 9:53

Tgt Ion: 136 Resp: 24571

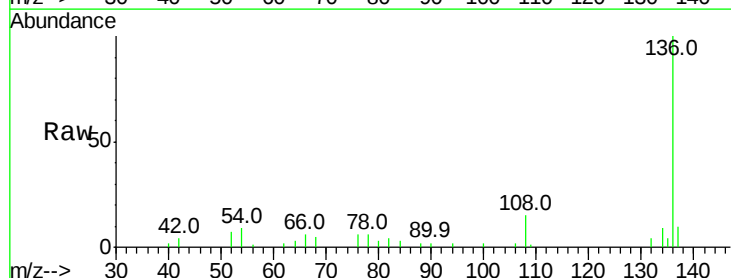
Ion Ratio Lower Upper

136 100

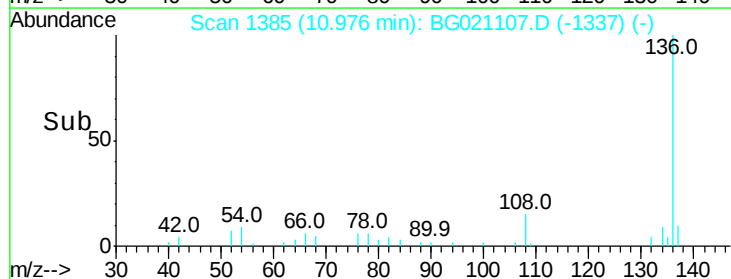
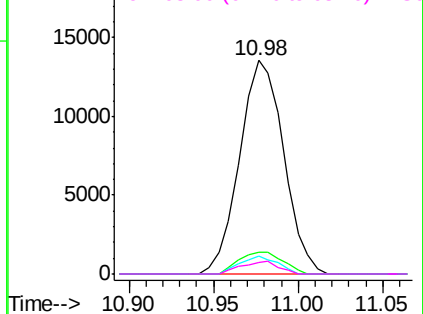
137 10.2 8.8 13.2

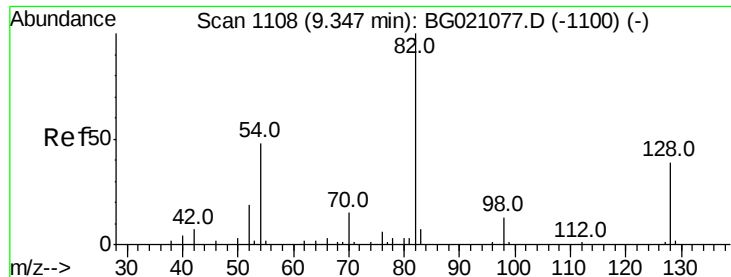
54 8.6 6.9 10.3

68 5.3 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

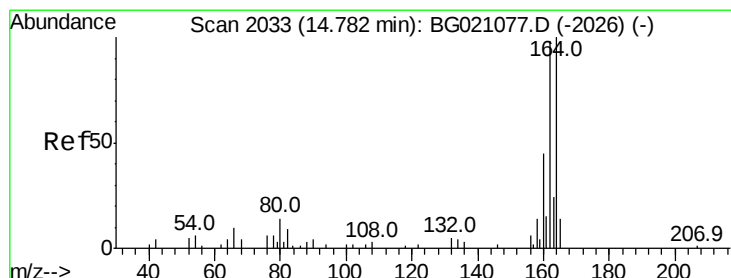
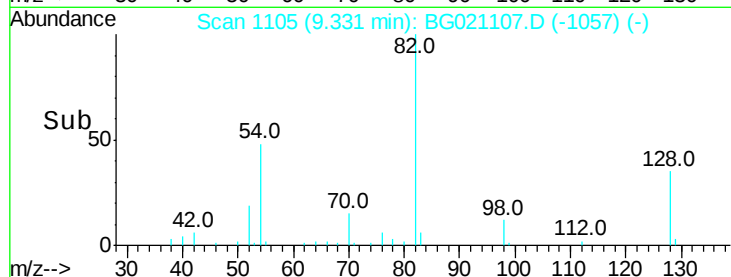
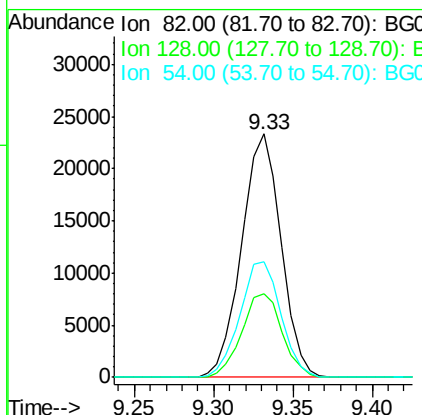
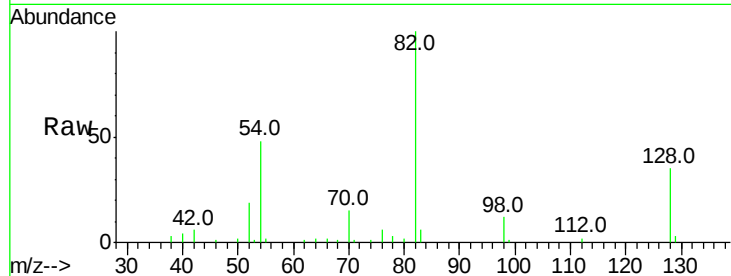




#23
Nitrobenzene-d5
Concen: 78.13 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BG021107.D
Acq: 27 Feb 2016 9:53

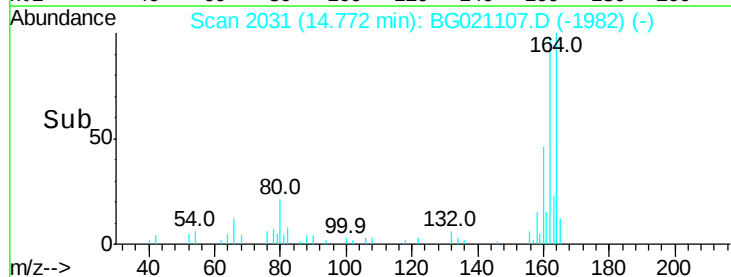
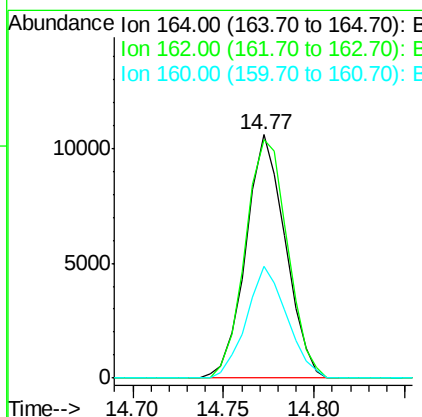
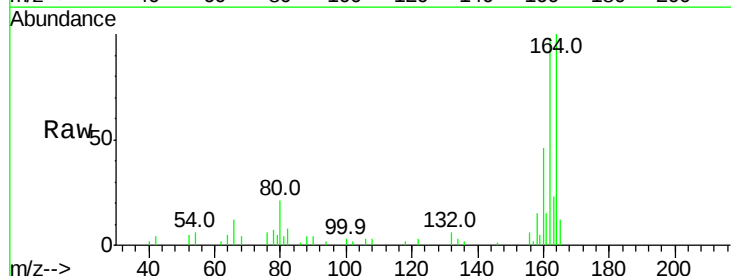
Instrument :
BNA_G
ClientSampleId :
S-18

Tot Ion	82	Resp	40290
Ion Ratio	100	Lower	Upper
128	34.6	36.3	54.5#
54	47.6	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: BG021107.D
Acq: 27 Feb 2016 9:53

Tgt Ion	164	Resp	16038
Ion Ratio	100	Lower	Upper
162	98.0	80.6	120.8
160	45.7	36.5	54.7

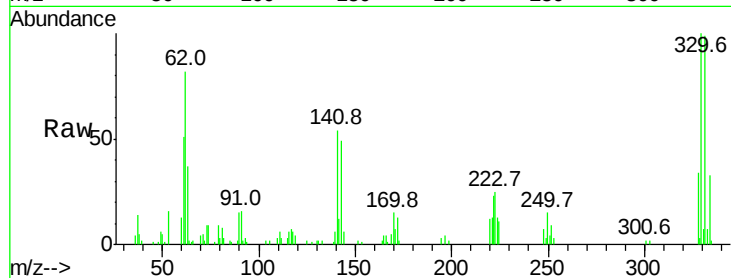




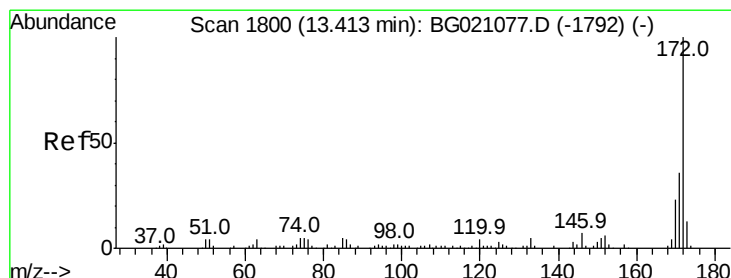
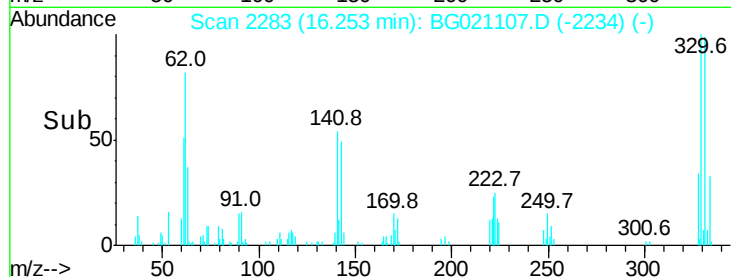
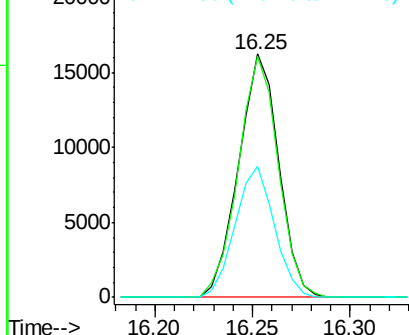
#41
 2,4,6-Tribromophenol
 Concen: 110.02 ng
 RT: 16.25 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BG021107.D
 Acq: 27 Feb 2016 9:53

Instrument :
 BNA_G
 ClientSampled :
 S-18

Tot Ion:330 Resp: 23134
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.4 116.0
 141 52.3 35.3 52.9

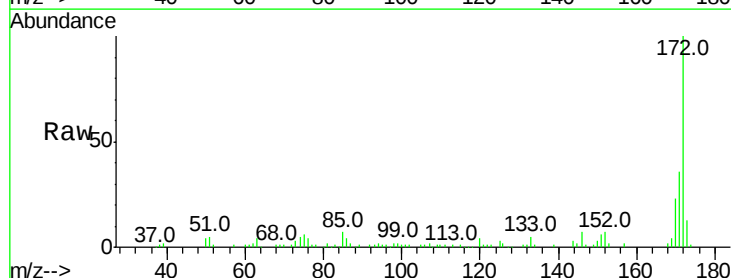


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

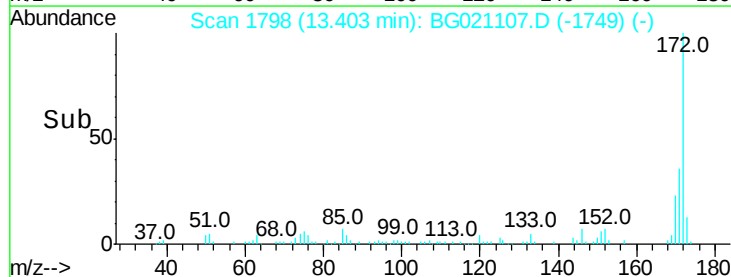
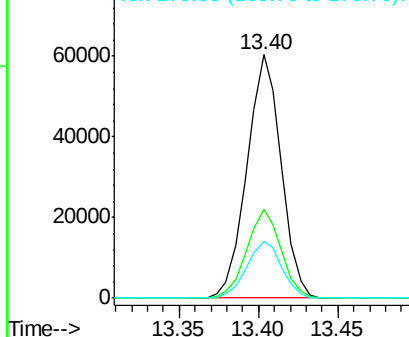


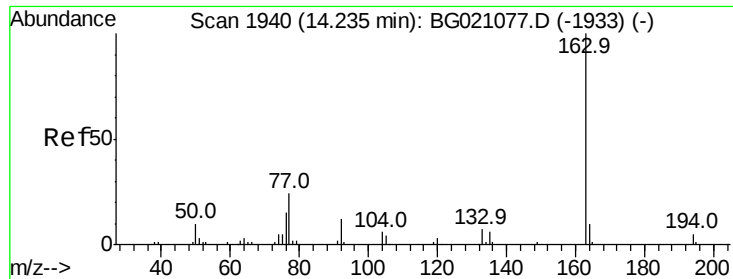
#44
 2-Fluorobiphenyl
 Concen: 72.08 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG021107.D
 Acq: 27 Feb 2016 9:53

Tgt Ion:172 Resp: 90336
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 23.3 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: 6.66 ng

RT: 14.22 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG021107.D

Acq: 27 Feb 2016 9:53

Instrument :

BNA_G

ClientSampleId :

S-18

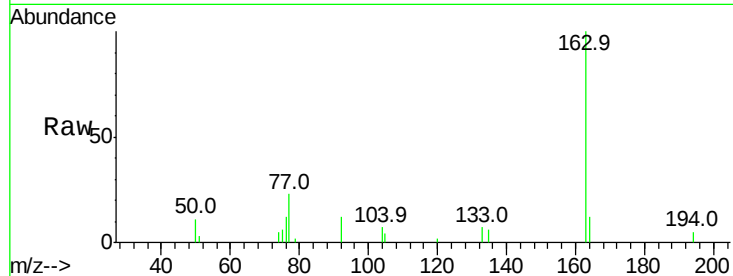
Tot Ion:163 Resp: 9210

Ion Ratio Lower Upper

163 100

194 4.6 2.8 4.2#

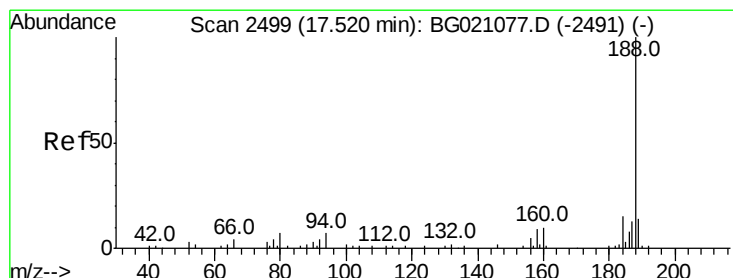
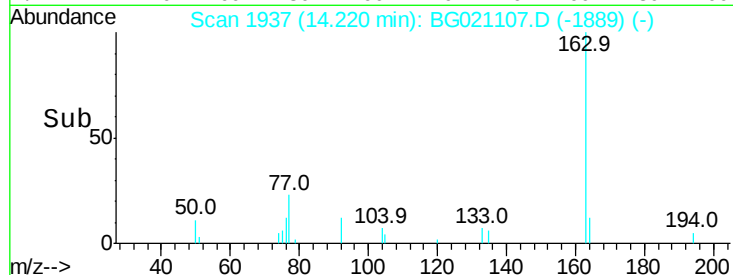
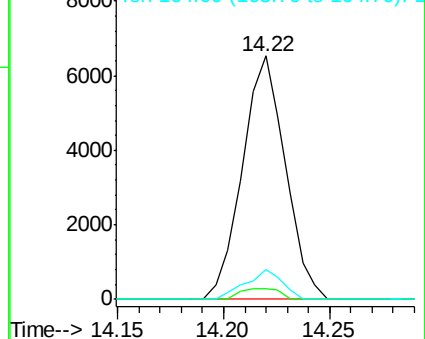
164 12.4 7.9 11.9#



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: 17.51 min Scan# 2497

Delta R.T. -0.01 min

Lab File: BG021107.D

Acq: 27 Feb 2016 9:53

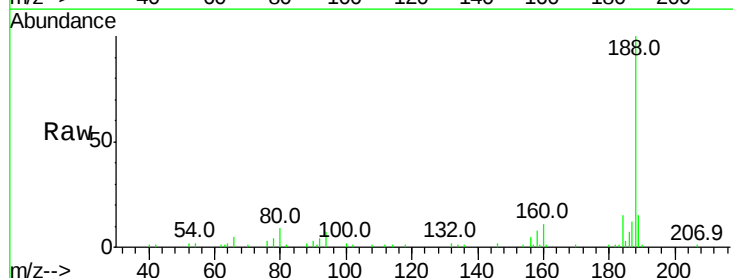
Tgt Ion:188 Resp: 40798

Ion Ratio Lower Upper

188 100

94 7.3 8.2 12.4#

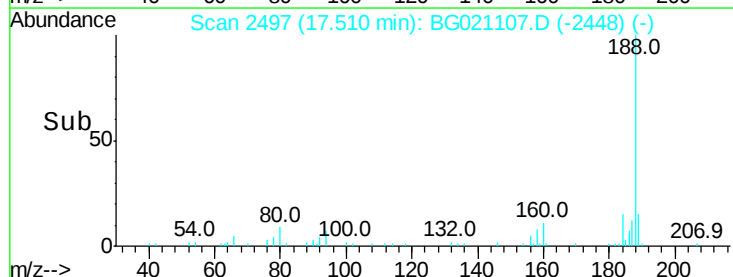
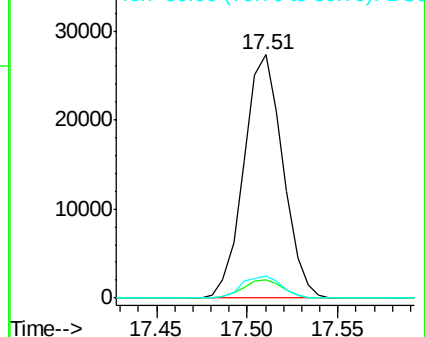
80 9.2 9.2 13.8#

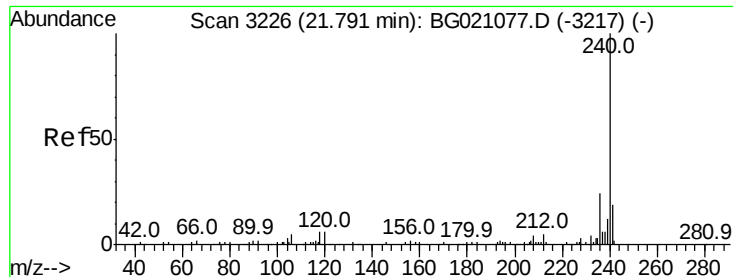


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

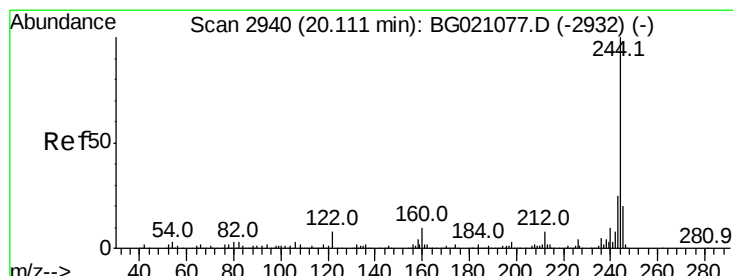
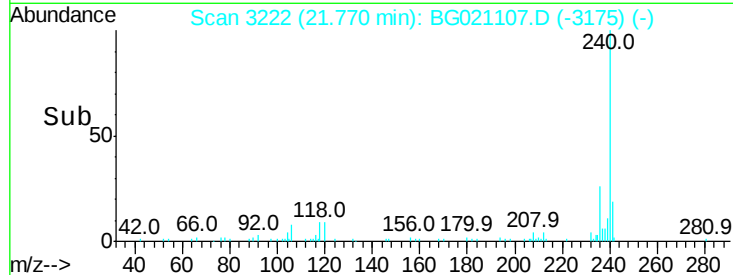
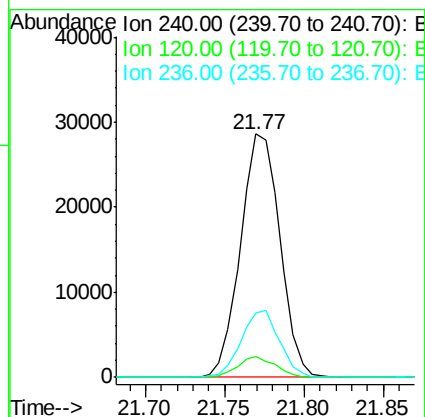
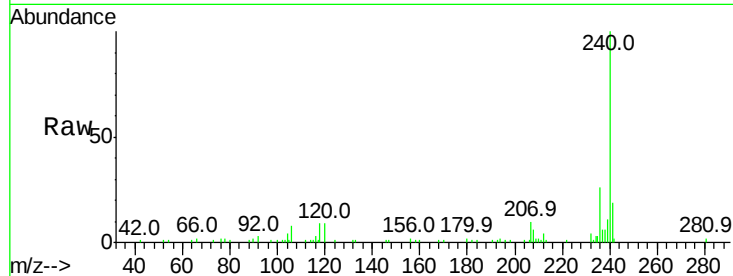




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.77 min Scan# 3222
 Delta R.T. -0.02 min
 Lab File: BG021107.D
 Acq: 27 Feb 2016 9:53

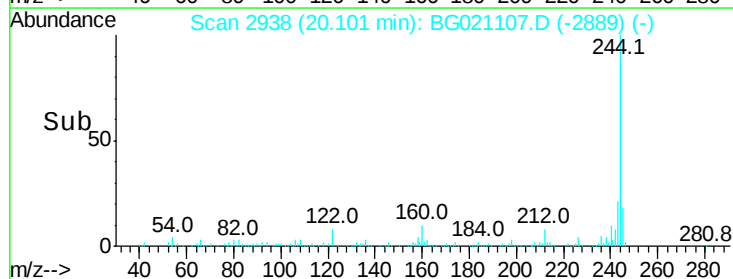
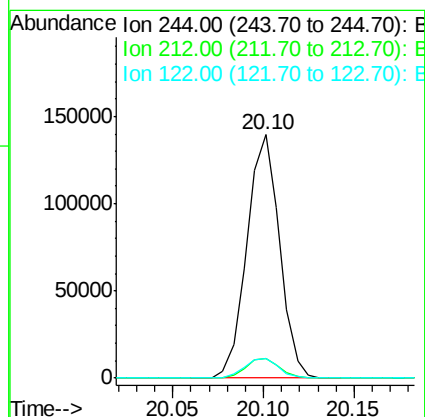
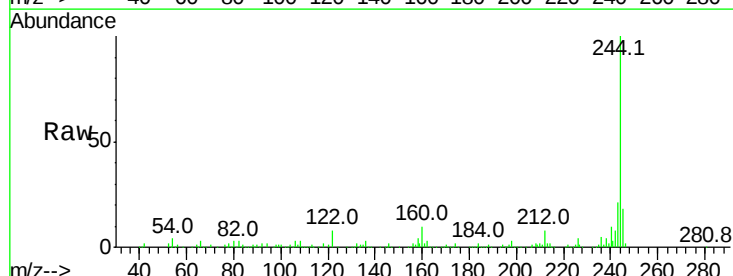
Instrument :
 BNA_G
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 S-18

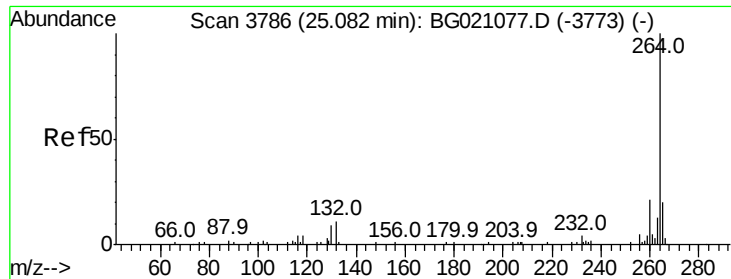
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.5	11.3
236	26.2	20.5	30.7



#78
 Terphenyl-d14
 Concen: 82.17 ng
 RT: 20.10 min Scan# 2938
 Delta R.T. -0.01 min
 Lab File: BG021107.D
 Acq: 27 Feb 2016 9:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.6
122	8.2	8.3	12.5#

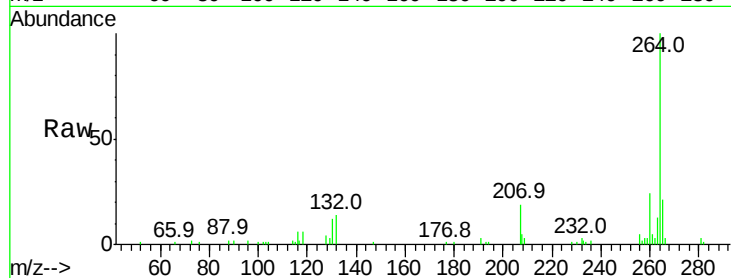




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.06 min Scan# 3782
 Delta R.T. -0.02 min
 Lab File: BG021107.D
 Acq: 27 Feb 2016 9:53

Instrument :
 BNA_G
 ClientSampleId :
 S-18

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.5	27.7
265	21.1	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

