

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
 Data File : BG021105.D
 Acq On : 27 Feb 2016 8:35
 Operator : UM/SJ
 Sample : H1558-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-16

Quant Time: Feb 29 00:12:38 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

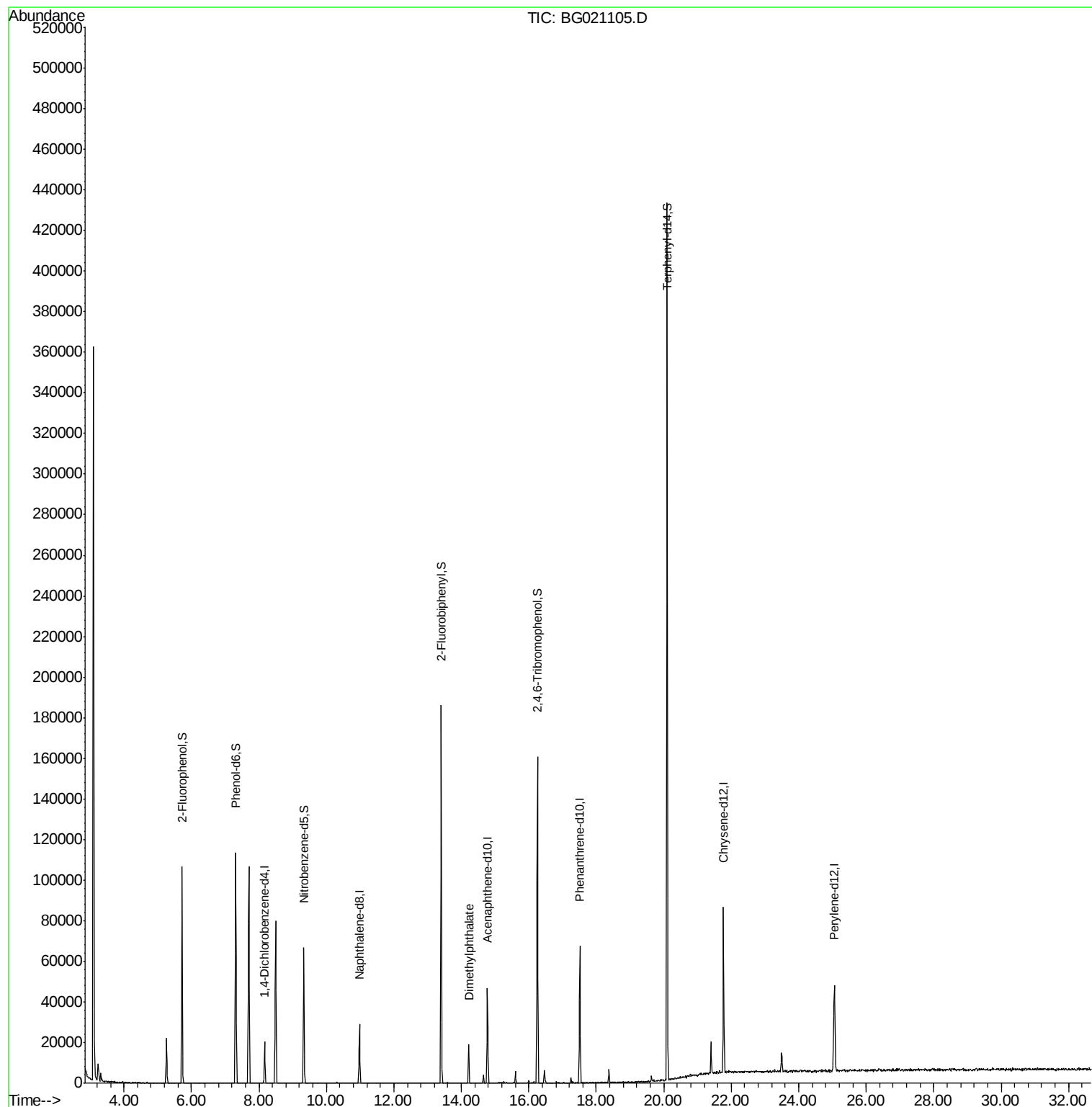
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	5770	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	24579	20.00	ng	-0.01
38) Acenaphthene-d10	14.77	164	15325	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	40176	20.00	ng	0.00
75) Chrysene-d12	21.77	240	50398	20.00	ng	-0.02
86) Perylene-d12	25.06	264	45827	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	40862	123.98	ng	0.00
7) Phenol-d6	7.31	99	60748	123.87	ng	-0.01
23) Nitrobenzene-d5	9.33	82	41615	80.67	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	23704	117.97	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	89120	74.42	ng	0.00
78) Terphenyl-d14	20.10	244	178358	82.71	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.22	163	12455	9.43	ng	Qvalue # 97

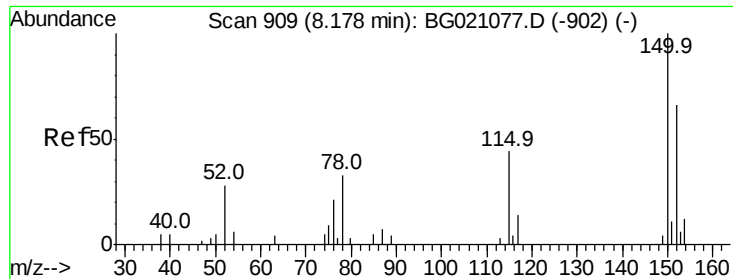
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG021105.D

Acq: 27 Feb 2016 8:35

Instrument :

BNA_G

ClientSampled :

S-16

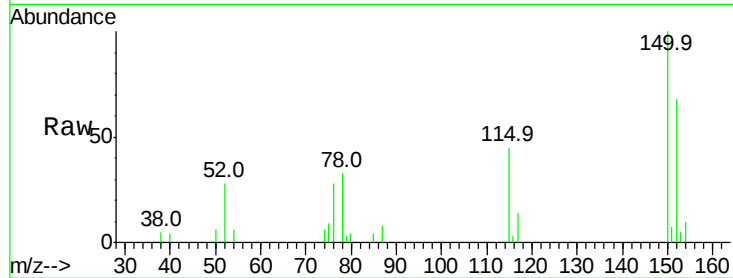
Tot Ion:152 Resp: 5770

Ion Ratio Lower Upper

152 100

150 147.6 123.4 185.2

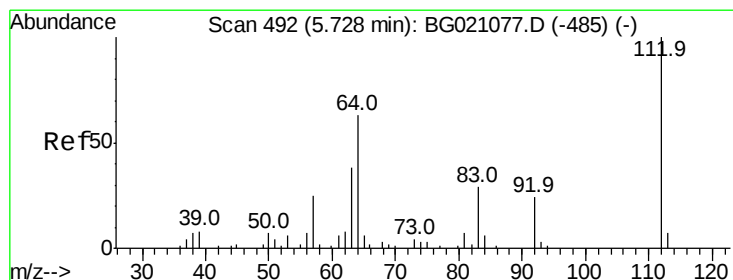
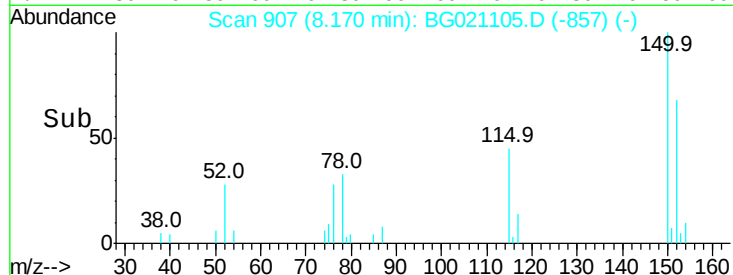
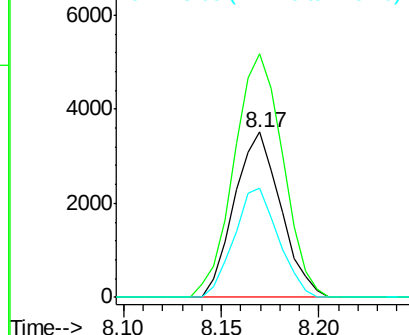
115 66.4 43.3 64.9#



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: 123.98 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.01 min

Lab File: BG021105.D

Acq: 27 Feb 2016 8:35

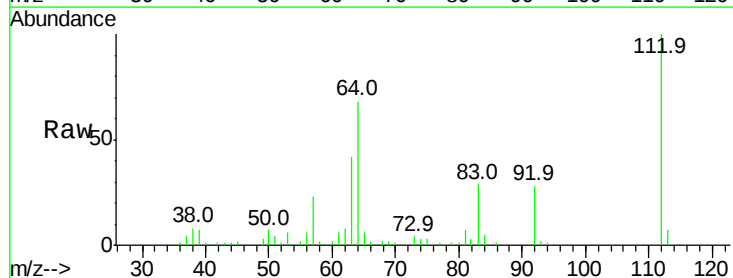
Tgt Ion:112 Resp: 40862

Ion Ratio Lower Upper

112 100

64 67.8 42.6 63.8#

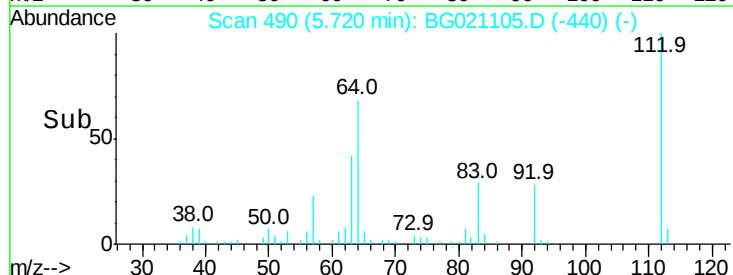
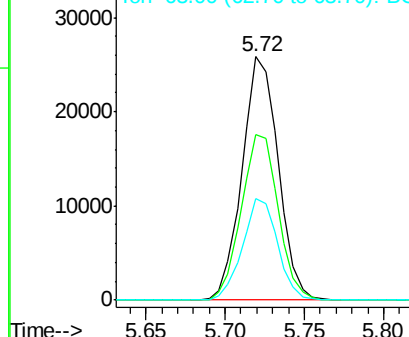
63 41.8 21.7 32.5#



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: 123.87 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG021105.D

Acq: 27 Feb 2016 8:35

Instrument :

BNA_G

ClientSampled :

S-16

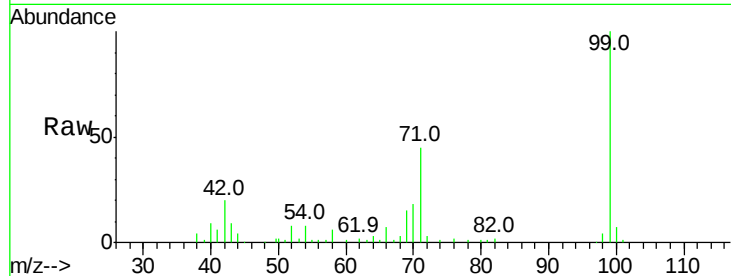
Tot Ion: 99 Resp: 60748

Ion Ratio Lower Upper

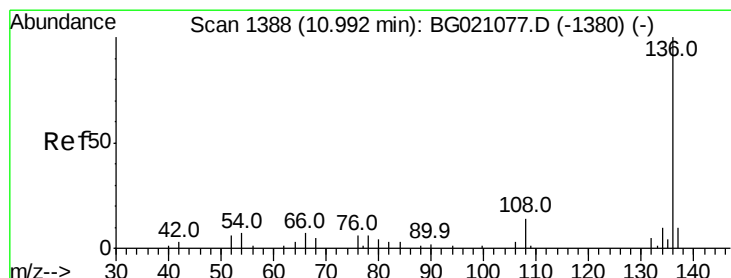
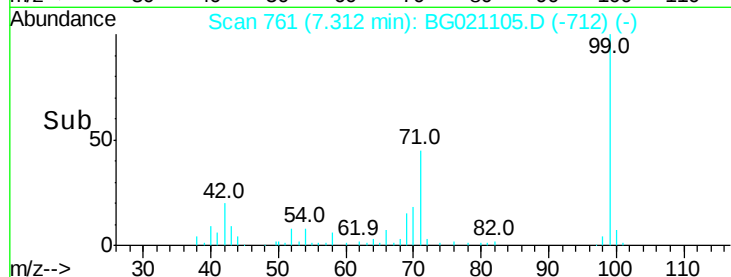
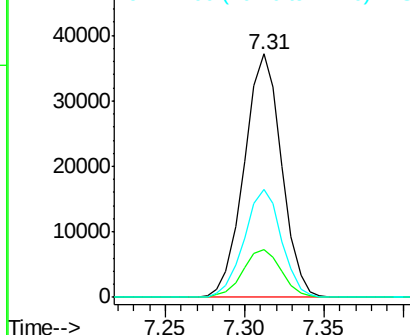
99 100

42 19.7 13.2 19.8

71 44.6 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. -0.01 min

Lab File: BG021105.D

Acq: 27 Feb 2016 8:35

Tgt Ion: 136 Resp: 24579

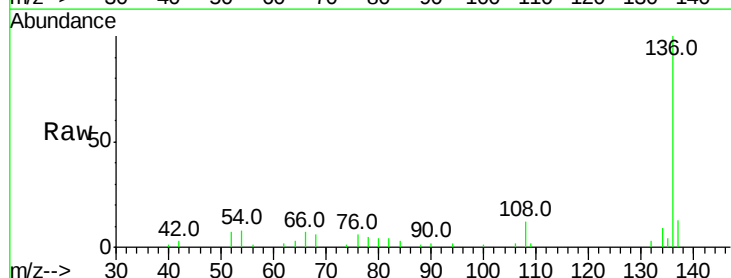
Ion Ratio Lower Upper

136 100

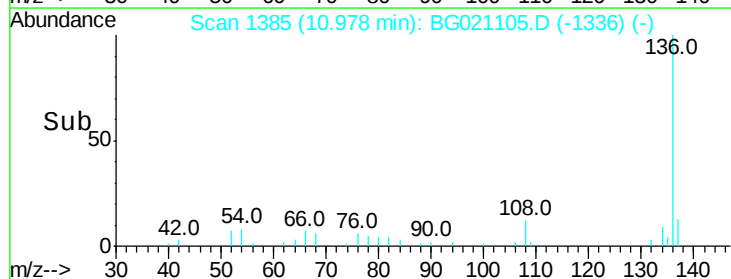
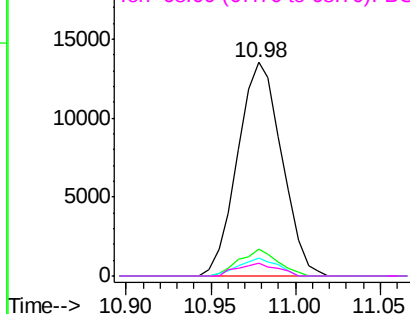
137 12.8 8.8 13.2

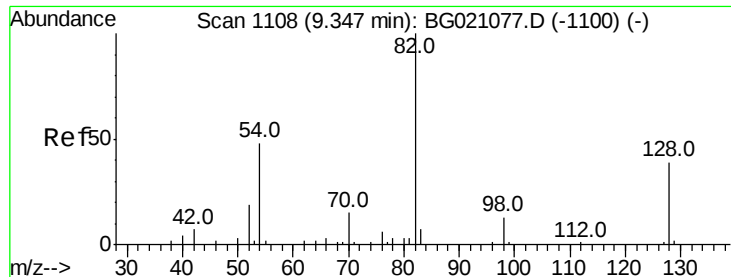
54 8.1 6.9 10.3

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

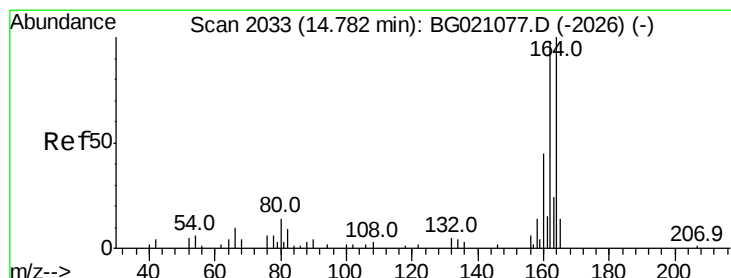
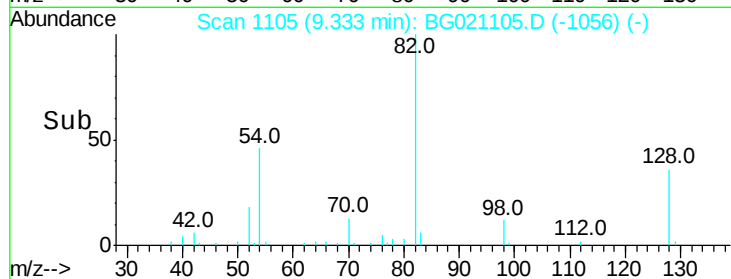
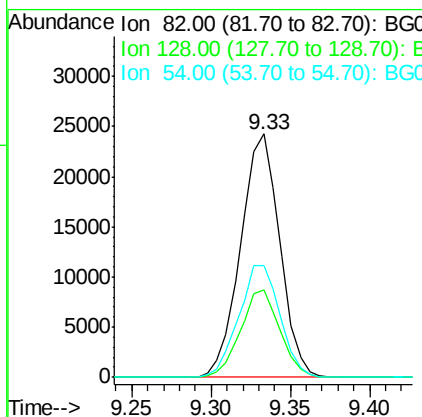
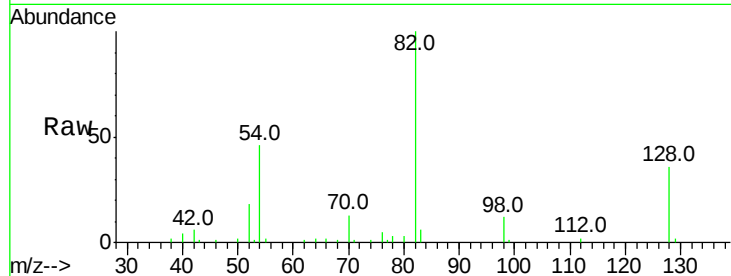




#23
 Nitrobenzene-d5
 Concen: 80.67 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BG021105.D
 Acq: 27 Feb 2016 8:35

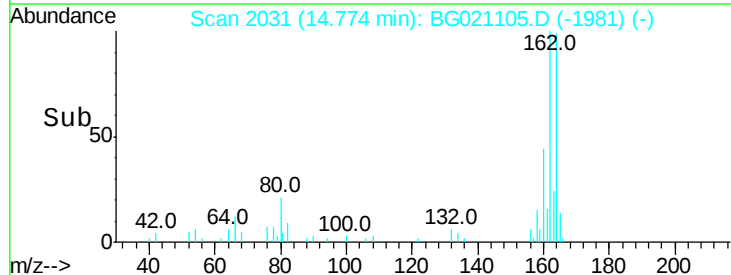
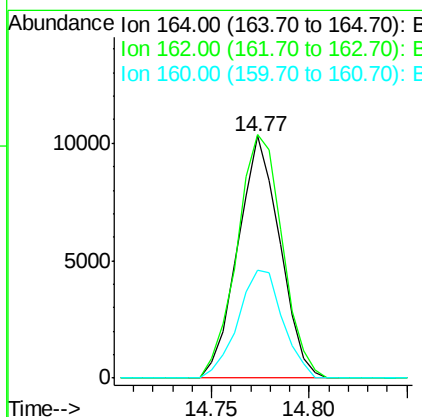
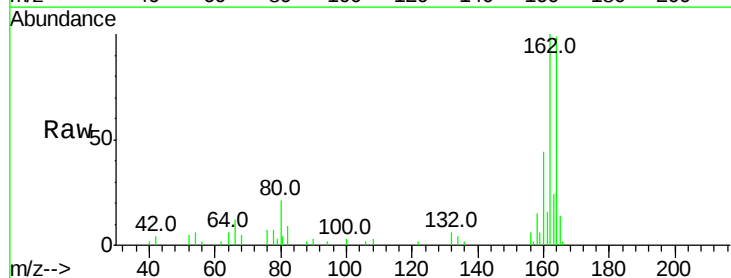
Instrument :
 BNA_G
 ClientSampled :
 S-16

Tot Ion	82	Resp	41615
Ion	Ratio	Lower	Upper
82	100		
128	36.1	36.3	54.5#
54	45.7	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: BG021105.D
 Acq: 27 Feb 2016 8:35

Tgt Ion	164	Resp	15325
Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.6	120.8
160	44.4	36.5	54.7

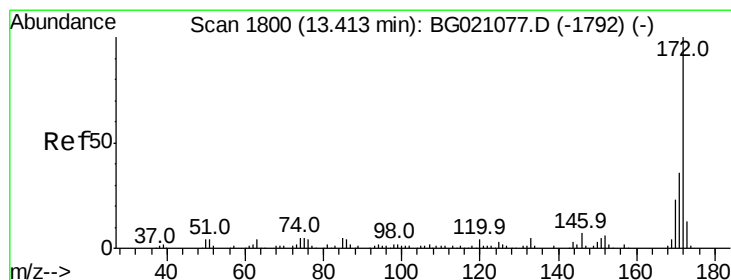
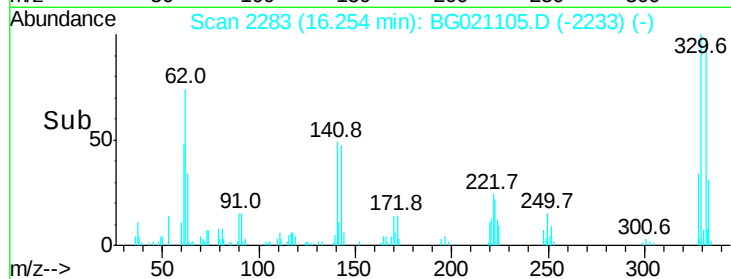
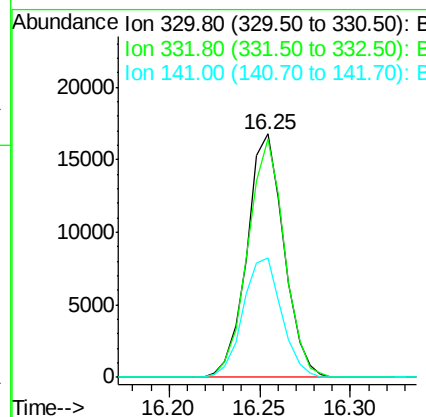
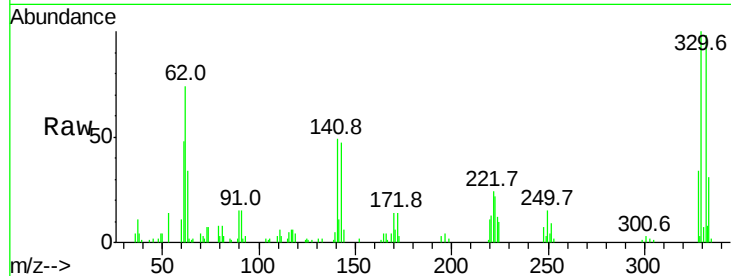




#41
 2,4,6-Tribromophenol
 Concen: 117.97 ng
 RT: 16.25 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BG021105.D
 Acq: 27 Feb 2016 8:35

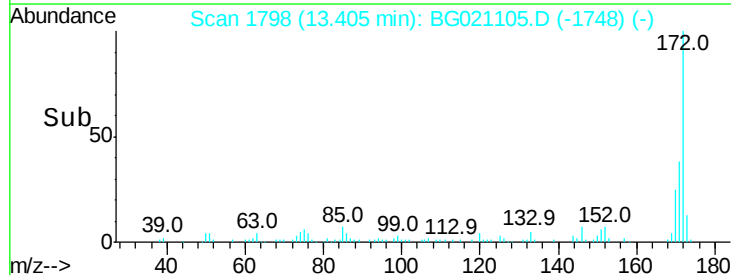
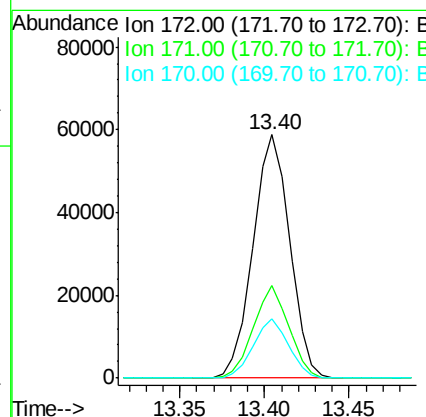
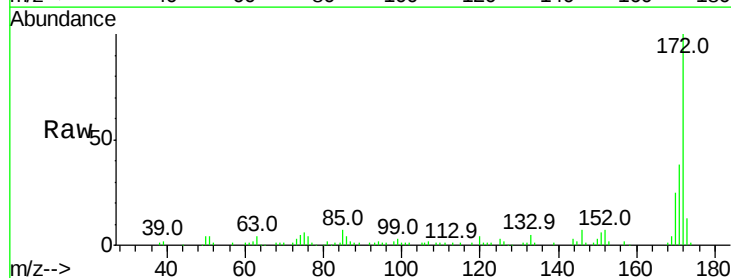
Instrument :
 BNA_G
 ClientSampleId :
 S-16

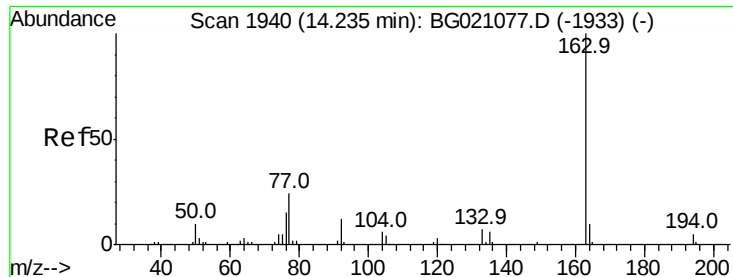
Tot Ion:330 Resp: 23704
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.0
 141 50.9 35.3 52.9



#44
 2-Fluorobiphenyl
 Concen: 74.42 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG021105.D
 Acq: 27 Feb 2016 8:35

Tgt Ion:172 Resp: 89120
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.4 44.0
 170 24.6 19.8 29.8





#49

Dimethylphthalate

Concen: 9.43 ng

RT: 14.22 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG021105.D

Acq: 27 Feb 2016 8:35

Instrument :

BNA_G

ClientSampled :

S-16

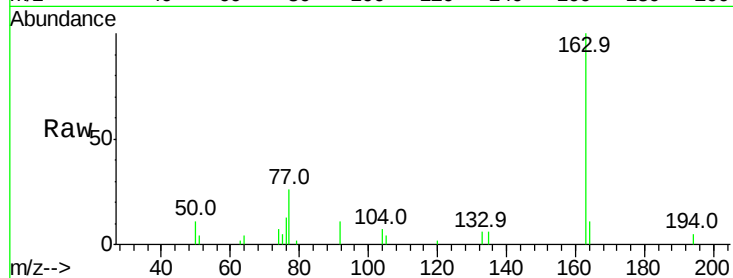
Tot Ion:163 Resp: 12455

Ion Ratio Lower Upper

163 100

194 4.8 2.8 4.2#

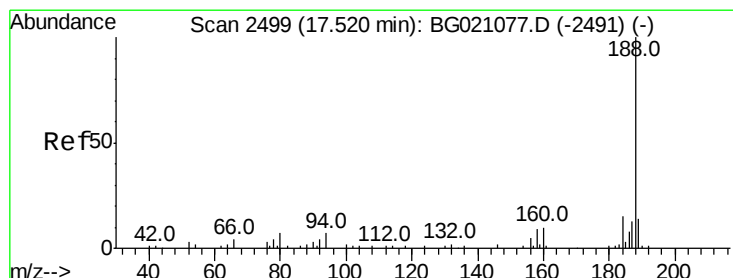
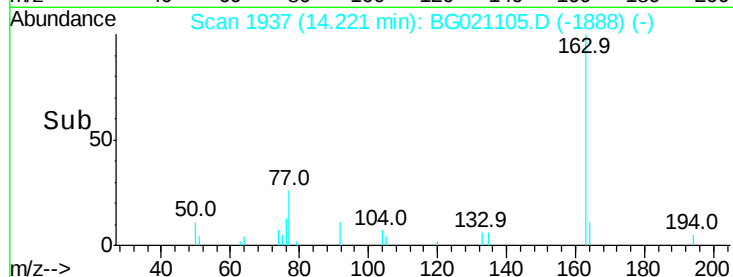
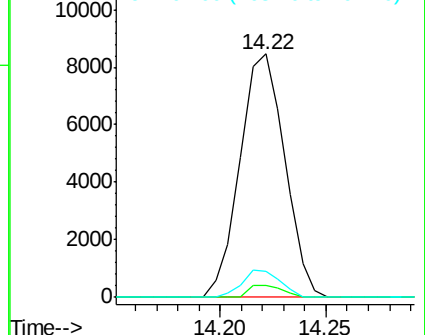
164 10.6 7.9 11.9



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: BG021105.D

Acq: 27 Feb 2016 8:35

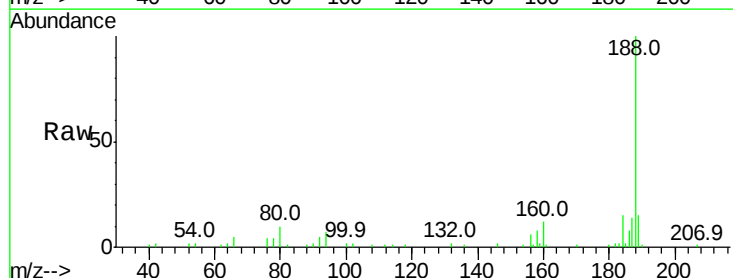
Tgt Ion:188 Resp: 40176

Ion Ratio Lower Upper

188 100

94 6.7 8.2 12.4#

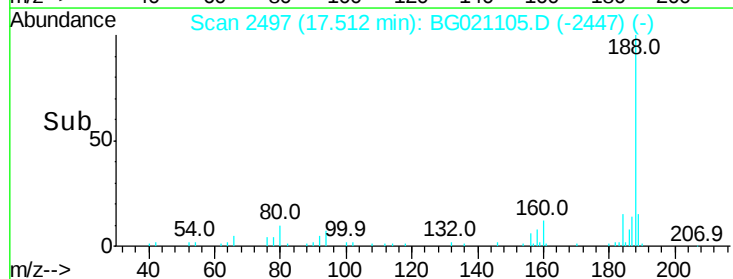
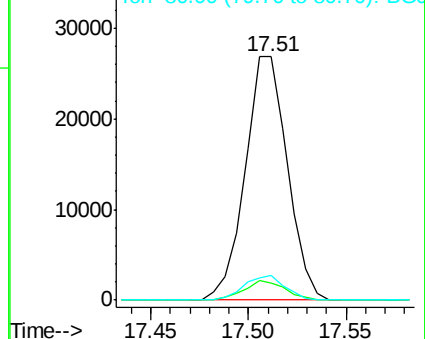
80 10.0 9.2 13.8

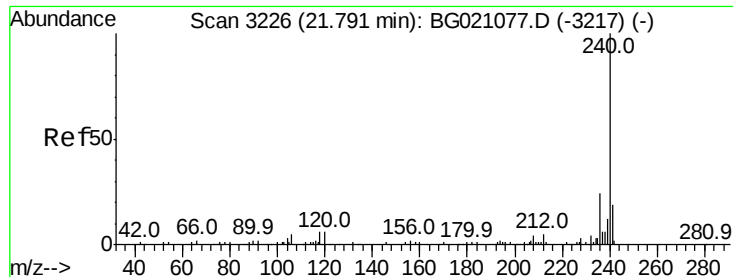


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

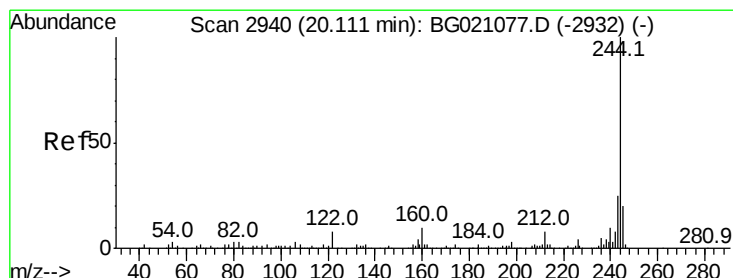
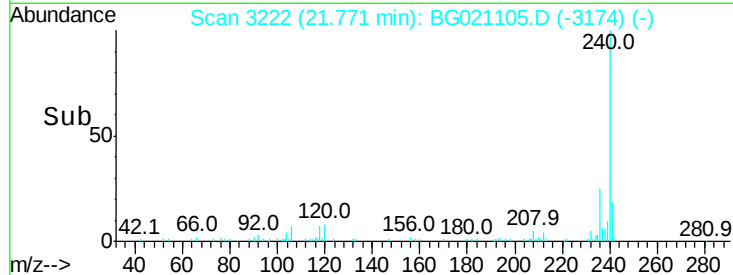
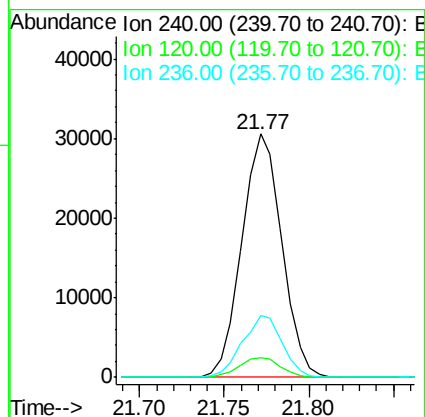
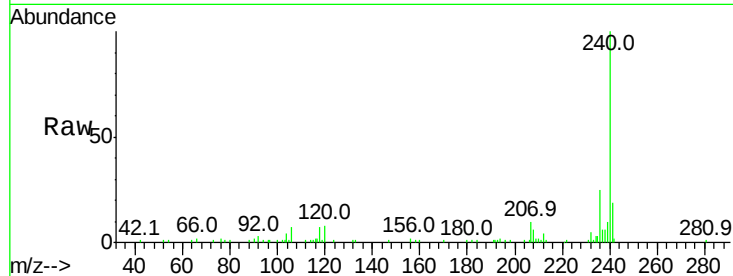




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.77 min Scan# 3222
 Delta R.T. -0.02 min
 Lab File: BG021105.D
 Acq: 27 Feb 2016 8:35

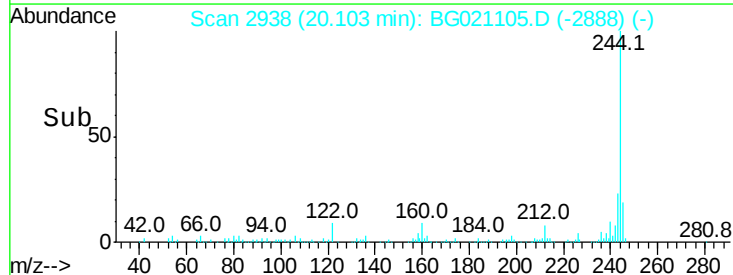
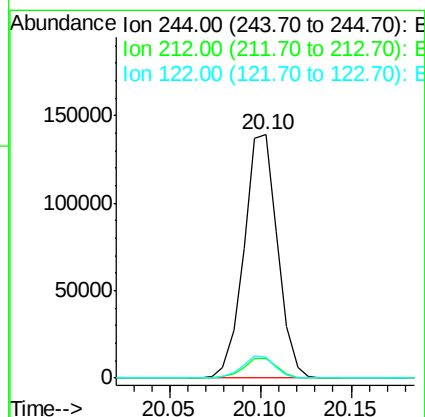
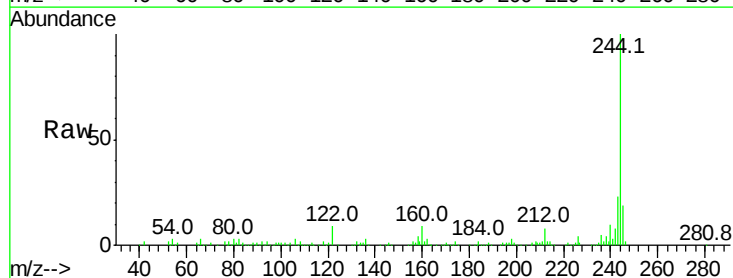
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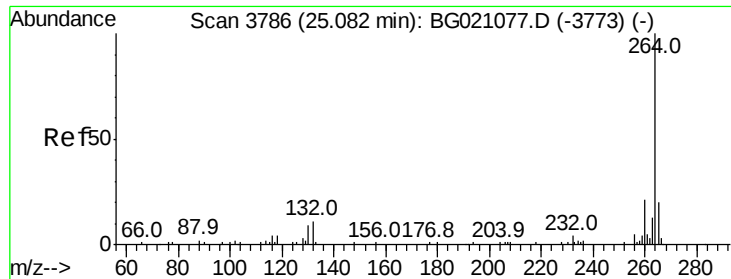
Tot Ion:240 Resp: 50398
 Ion Ratio Lower Upper
 240 100
 120 8.2 7.5 11.3
 236 25.2 20.5 30.7



#78
 Terphenyl-d14
 Concen: 82.71 ng
 RT: 20.10 min Scan# 2938
 Delta R.T. -0.01 min
 Lab File: BG021105.D
 Acq: 27 Feb 2016 8:35

Tgt Ion:244 Resp: 178358
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.8 8.6
 122 8.5 8.3 12.5





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.06 min Scan# 3781
 Delta R.T. -0.03 min
 Lab File: BG021105.D
 Acq: 27 Feb 2016 8:35

Instrument :
 BNA_G
 ClientSampleId :
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Tot Ion:	264	Resp:	45827
Ion Ratio		Lower	Upper
264	100		
260	25.0	18.5	27.7
265	23.0	18.6	28.0

