

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022616\
 Data File : BG021089.D
 Acq On : 26 Feb 2016 22:07
 Operator : UM/SJ
 Sample : H1558-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S4

Quant Time: Feb 27 01:34:36 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

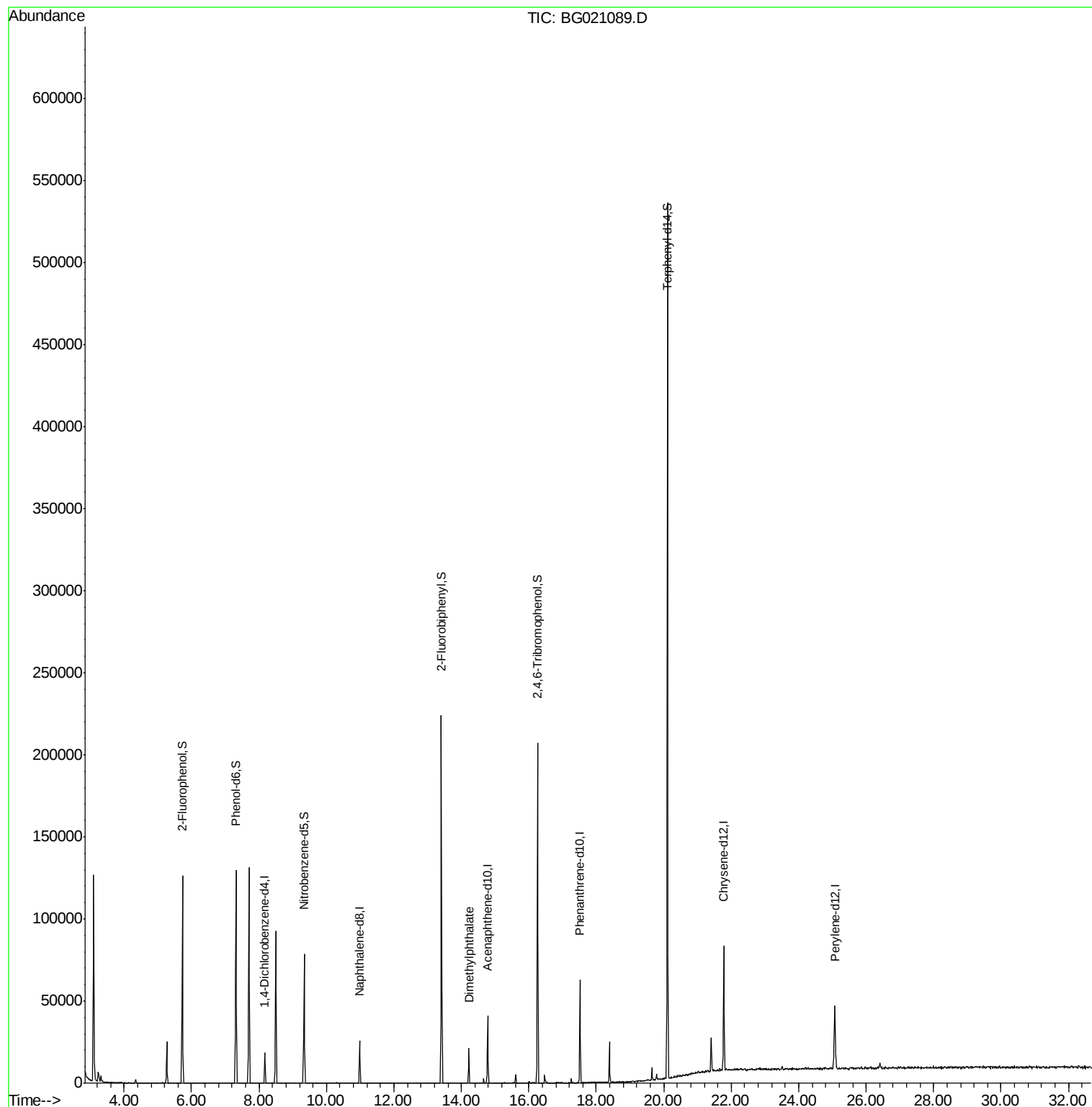
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	5247	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	21575	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	14523	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	37523	20.00	ng	0.00
75) Chrysene-d12	21.78	240	46927	20.00	ng	-0.01
86) Perylene-d12	25.07	264	43130	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	48858	163.02	ng	0.00
7) Phenol-d6	7.31	99	71431	160.17	ng	-0.01
23) Nitrobenzene-d5	9.34	82	47428	104.74	ng	-0.01
41) 2,4,6-Tribromophenol	16.26	330	32147	168.83	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	111265	98.04	ng	0.00
78) Terphenyl-d14	20.10	244	228143	113.62	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.22	163	13231	10.57	ng	Qvalue # 96

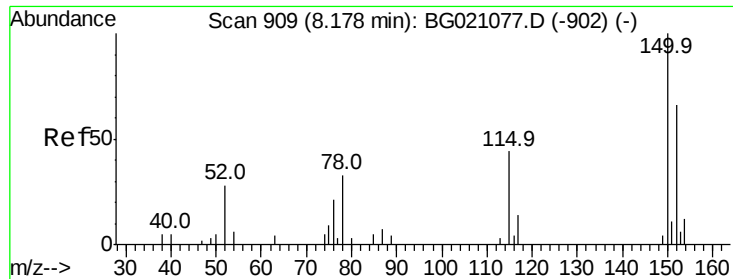
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG021089.D

Acq: 26 Feb 2016 22:07

Instrument :

BNA_G

ClientSampled :

S4

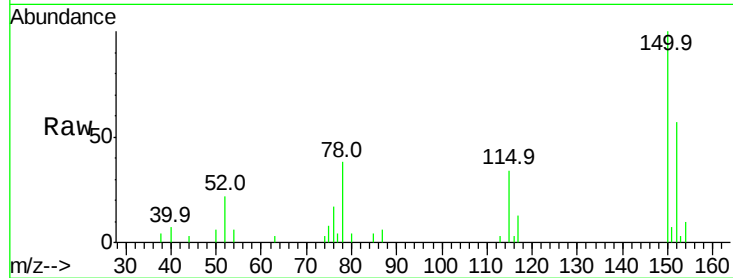
Tot Ion:152 Resp: 5247

Ion Ratio Lower Upper

152 100

150 175.1 123.4 185.2

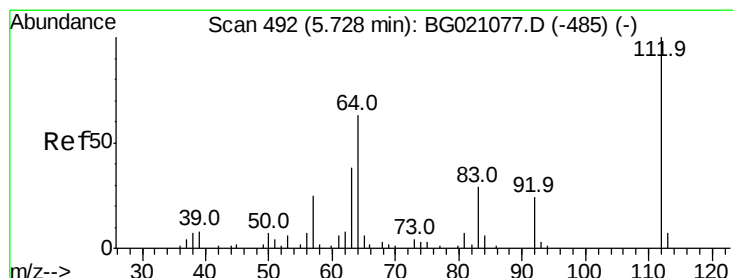
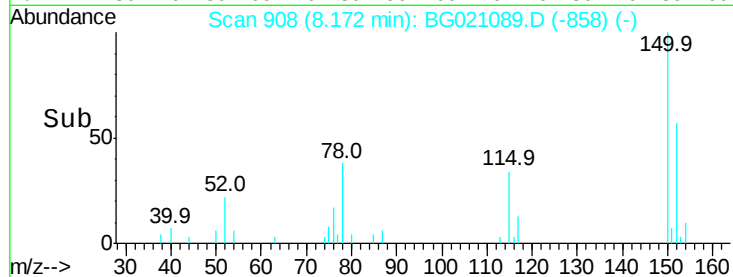
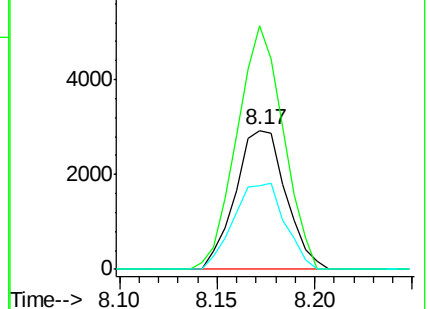
115 60.3 43.3 64.9



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: 163.02 ng

RT: 5.73 min Scan# 492

Delta R.T. 0.00 min

Lab File: BG021089.D

Acq: 26 Feb 2016 22:07

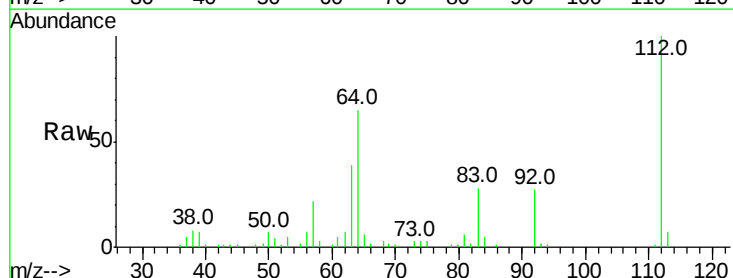
Tgt Ion:112 Resp: 48858

Ion Ratio Lower Upper

112 100

64 65.1 42.6 63.8#

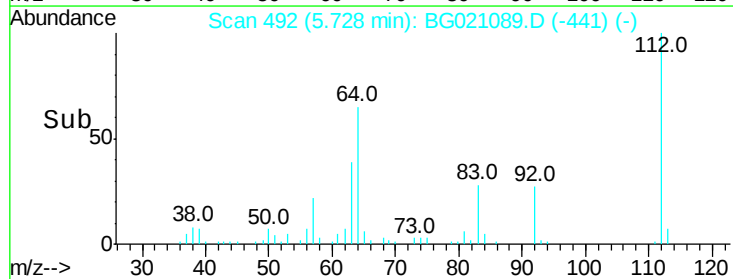
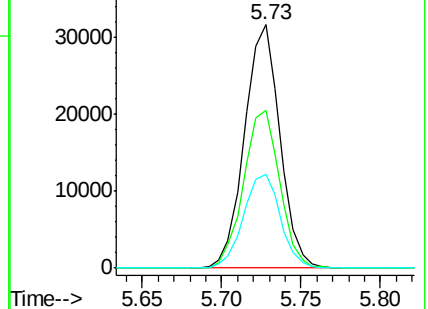
63 38.6 21.7 32.5#



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: 160.17 ng

RT: 7.31 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG021089.D

Acq: 26 Feb 2016 22:07

Instrument :

BNA_G

ClientSampled :

S4

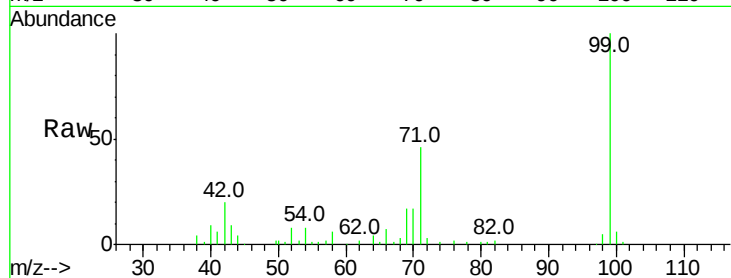
Tot Ion: 99 Resp: 71431

Ion Ratio Lower Upper

99 100

42 20.2 13.2 19.8#

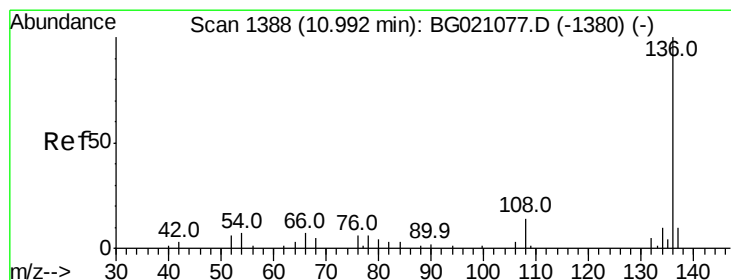
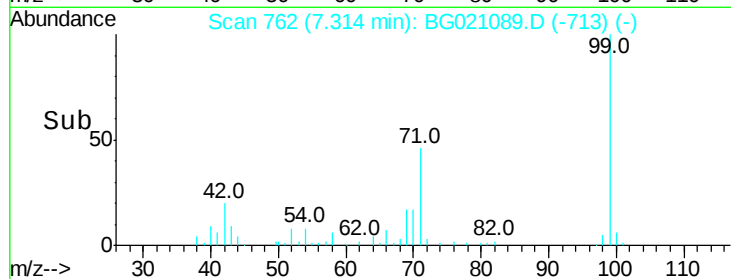
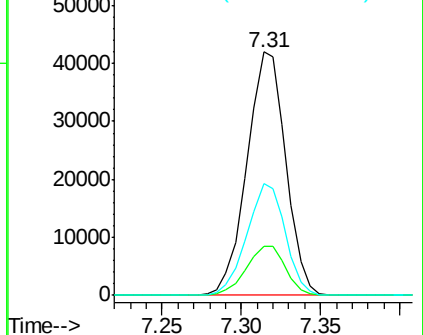
71 46.1 25.2 37.8#



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: 10.98 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BG021089.D

Acq: 26 Feb 2016 22:07

Tgt Ion: 136 Resp: 21575

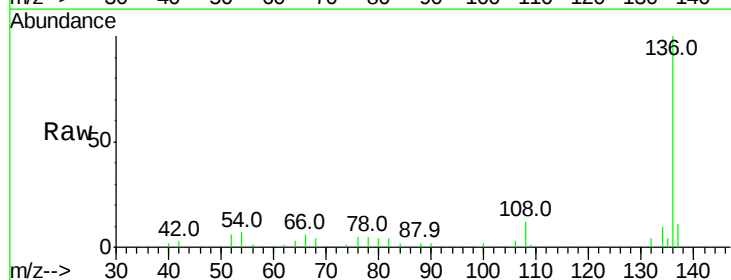
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.4 6.9 10.3

68 4.1 5.8 8.6#

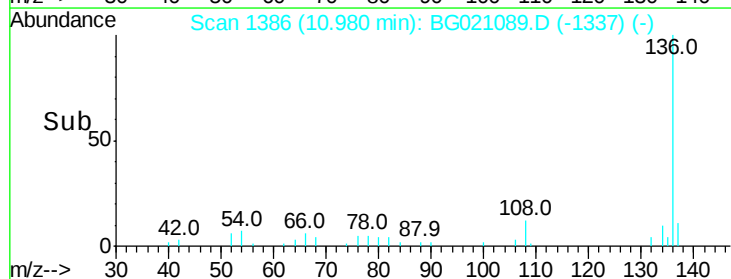
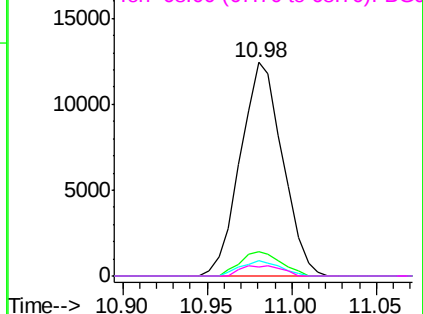


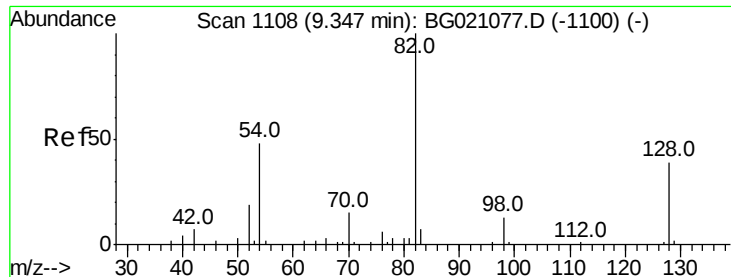
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 104.74 ng

RT: 9.34 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BG021089.D

Acq: 26 Feb 2016 22:07

Instrument :

BNA_G

ClientSampled :

S4

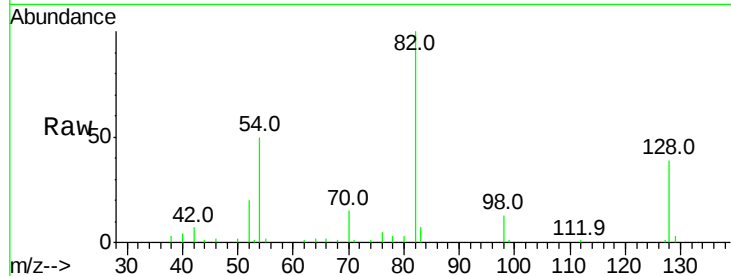
Tot Ion: 82 Resp: 47428

Ion Ratio Lower Upper

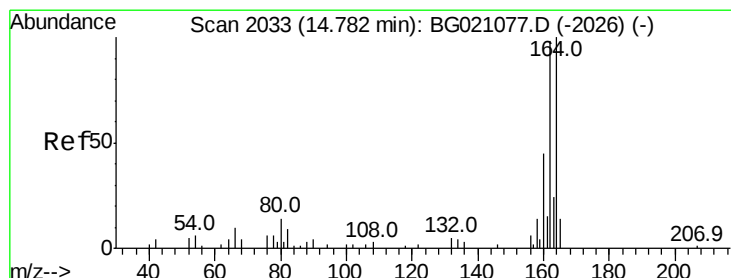
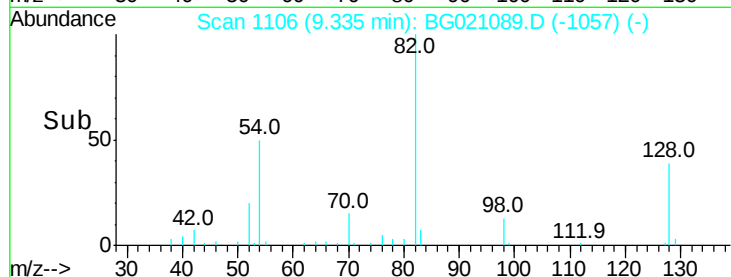
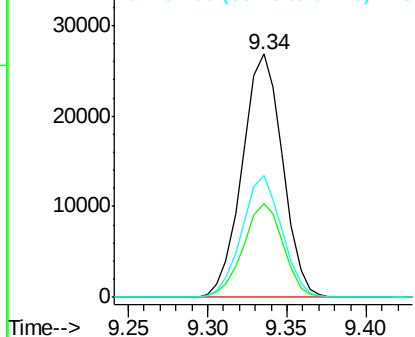
82 100

128 38.6 36.3 54.5

54 50.0 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: 14.78 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BG021089.D

Acq: 26 Feb 2016 22:07

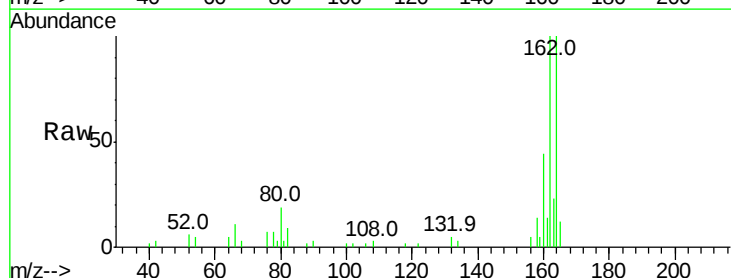
Tgt Ion:164 Resp: 14523

Ion Ratio Lower Upper

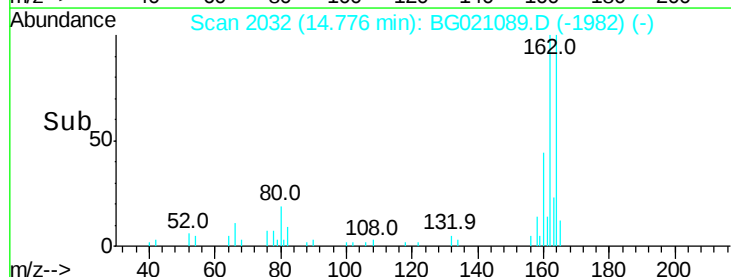
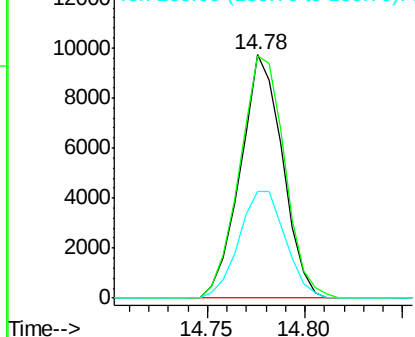
164 100

162 99.7 80.6 120.8

160 43.8 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

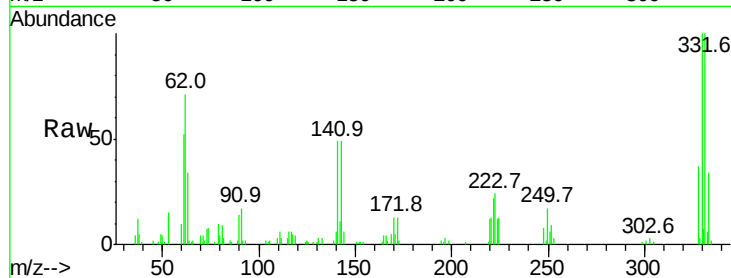




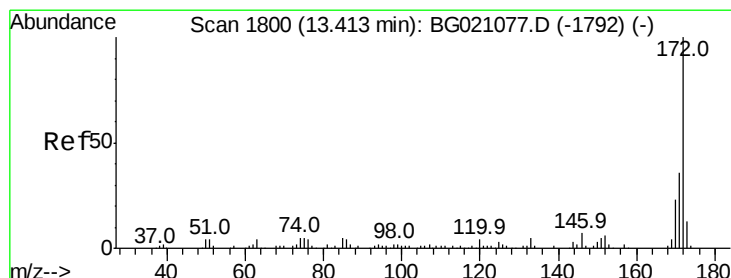
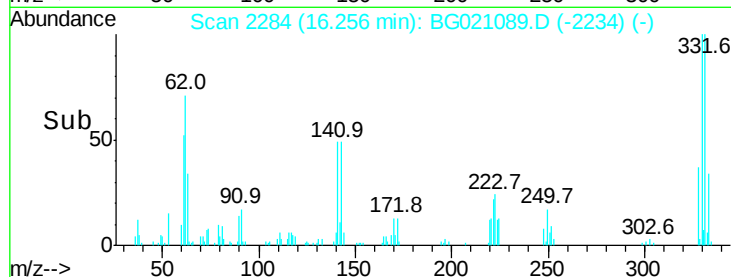
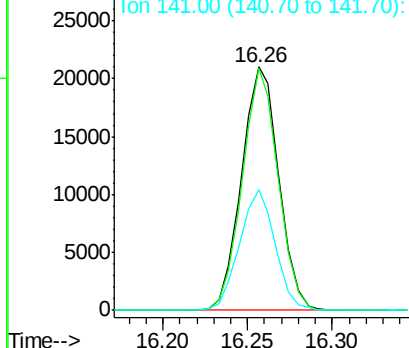
#41
 2,4,6-Tribromophenol
 Concen: 168.83 ng
 RT: 16.26 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BG021089.D
 Acq: 26 Feb 2016 22:07

Instrument :
 BNA_G
 ClientSampled :
 S4

Tot Ion:330 Resp: 32147
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.4 116.0
 141 47.4 35.3 52.9

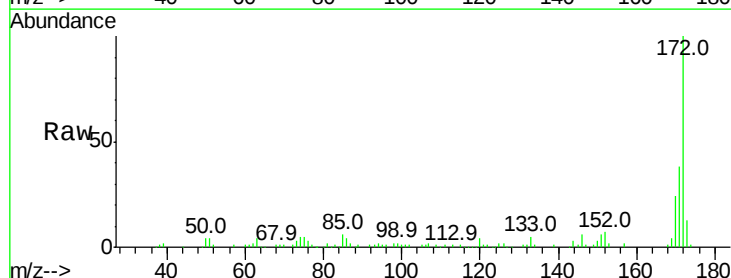


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

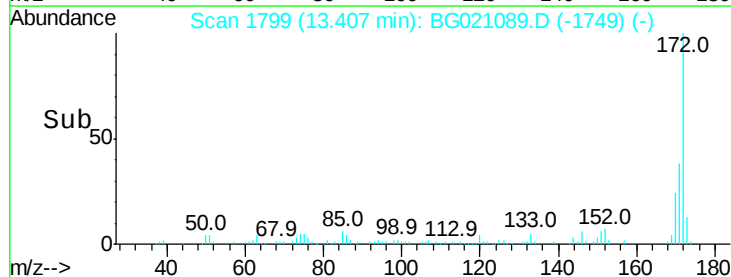
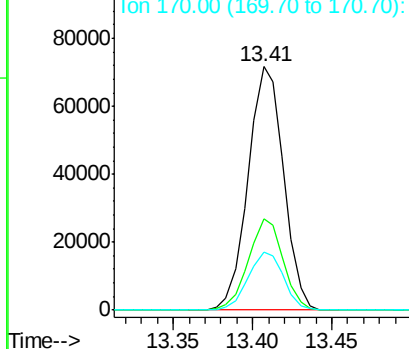


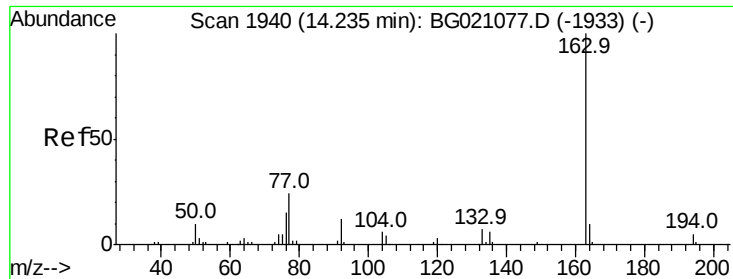
#44
 2-Fluorobiphenyl
 Concen: 98.04 ng
 RT: 13.41 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BG021089.D
 Acq: 26 Feb 2016 22:07

Tgt Ion:172 Resp: 111265
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.4 44.0
 170 24.0 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: 10.57 ng

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG021089.D

Acq: 26 Feb 2016 22:07

Instrument :

BNA_G

ClientSampleId :

S4

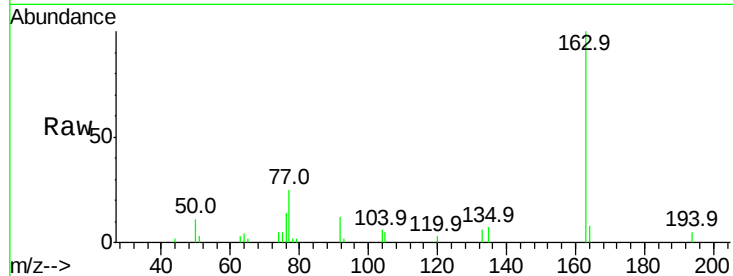
Tot Ion:163 Resp: 13231

Ion Ratio Lower Upper

163 100

194 4.6 2.8 4.2#

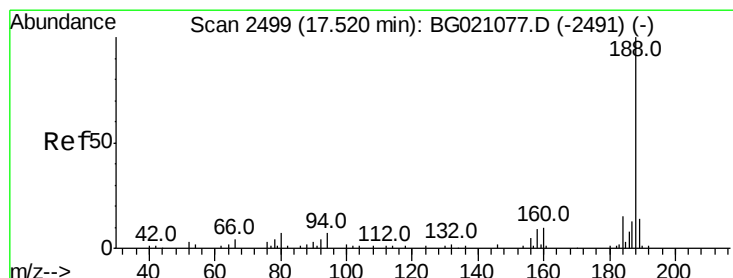
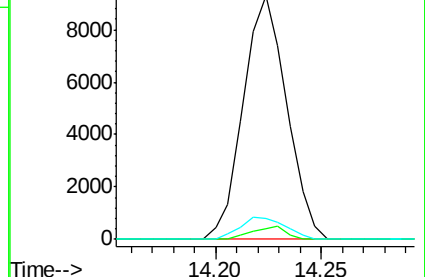
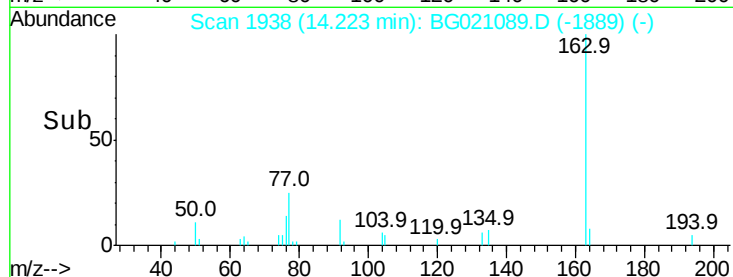
164 8.4 7.9 11.9



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# 2498

Delta R.T. -0.01 min

Lab File: BG021089.D

Acq: 26 Feb 2016 22:07

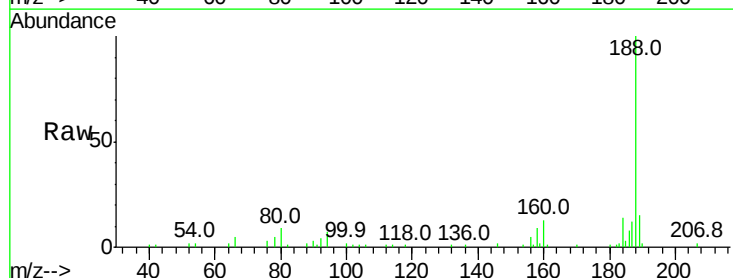
Tgt Ion:188 Resp: 37523

Ion Ratio Lower Upper

188 100

94 7.4 8.2 12.4#

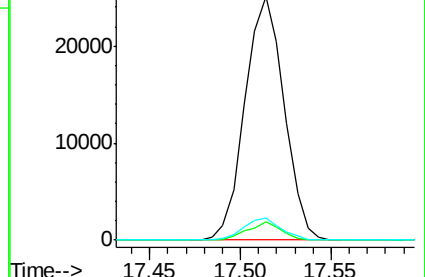
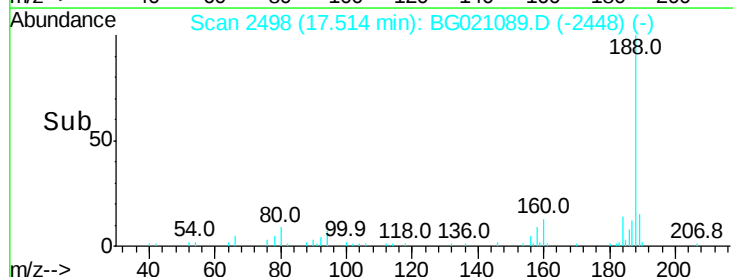
80 9.2 9.2 13.8

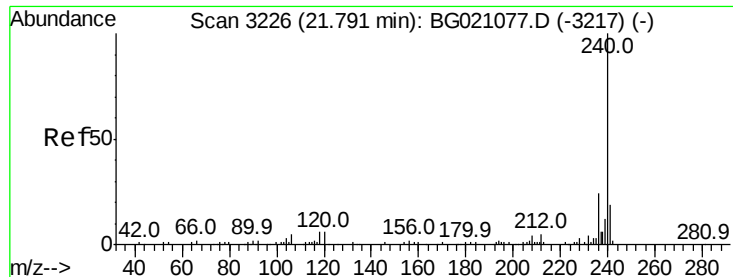


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

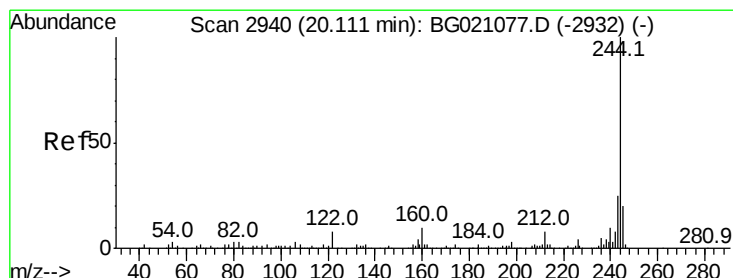
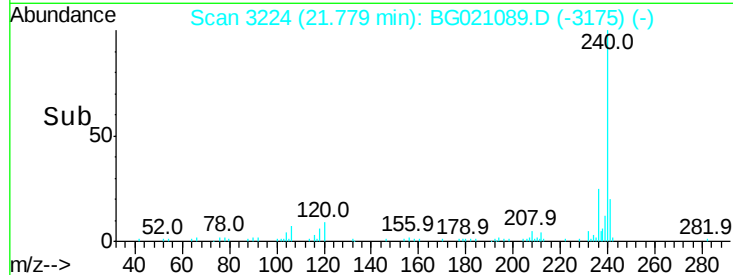
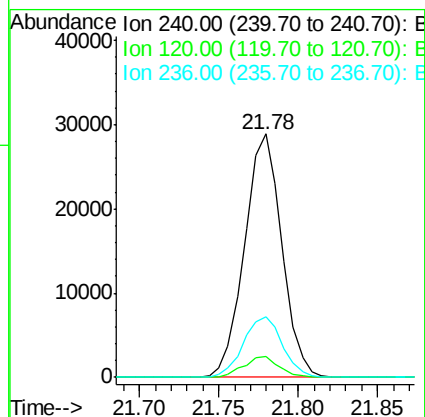
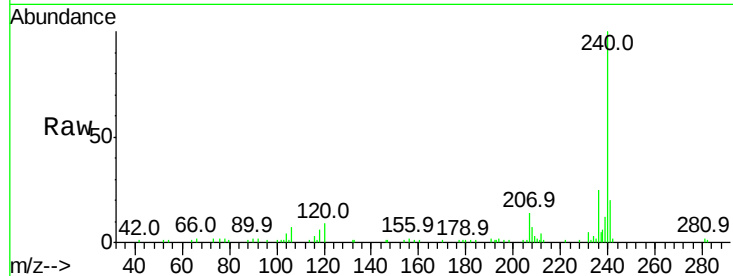




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.78 min Scan# 3224
 Delta R.T. -0.01 min
 Lab File: BG021089.D
 Acq: 26 Feb 2016 22:07

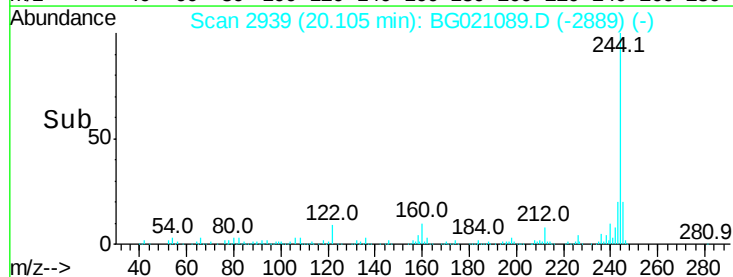
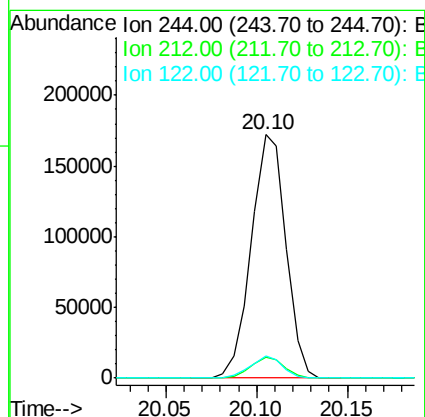
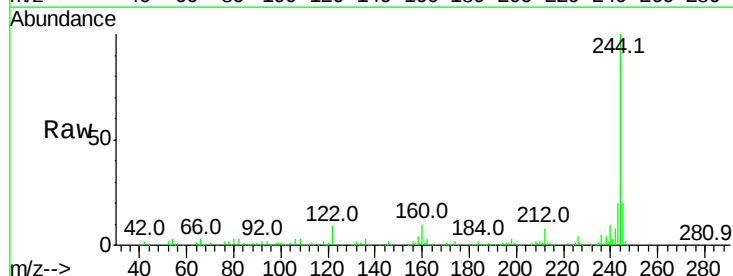
Instrument :
 BNA_G
 ClientSampled :
 S4

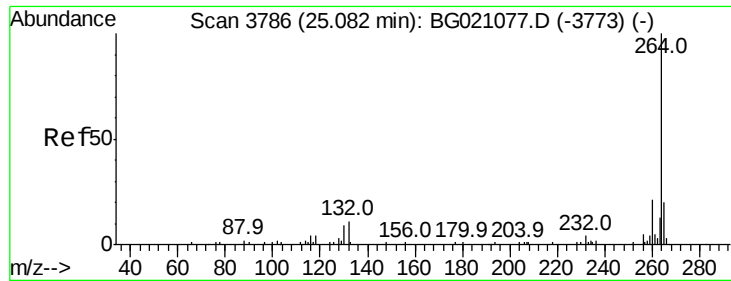
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.5	11.3
236	25.0	20.5	30.7



#78
 Terphenyl-d14
 Concen: 113.62 ng
 RT: 20.10 min Scan# 2939
 Delta R.T. -0.01 min
 Lab File: BG021089.D
 Acq: 26 Feb 2016 22:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.6
122	8.9	8.3	12.5





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.07 min Scan# 3784
 Delta R.T. -0.01 min
 Lab File: BG021089.D
 Acq: 26 Feb 2016 22:07

Instrument :
 BNA_G
 ClientSampleId :
 S4

Tot Ion:	264	Resp:	43130
Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.5	27.7
265	22.3	18.6	28.0

