

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
 Data File : BG021042.D
 Acq On : 24 Feb 2016 1:57
 Operator : UM/SJ
 Sample : H1504-01RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DSN001RE

Quant Time: Feb 24 04:31:02 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 24 00:35:06 2016
 Response via : Initial Calibration

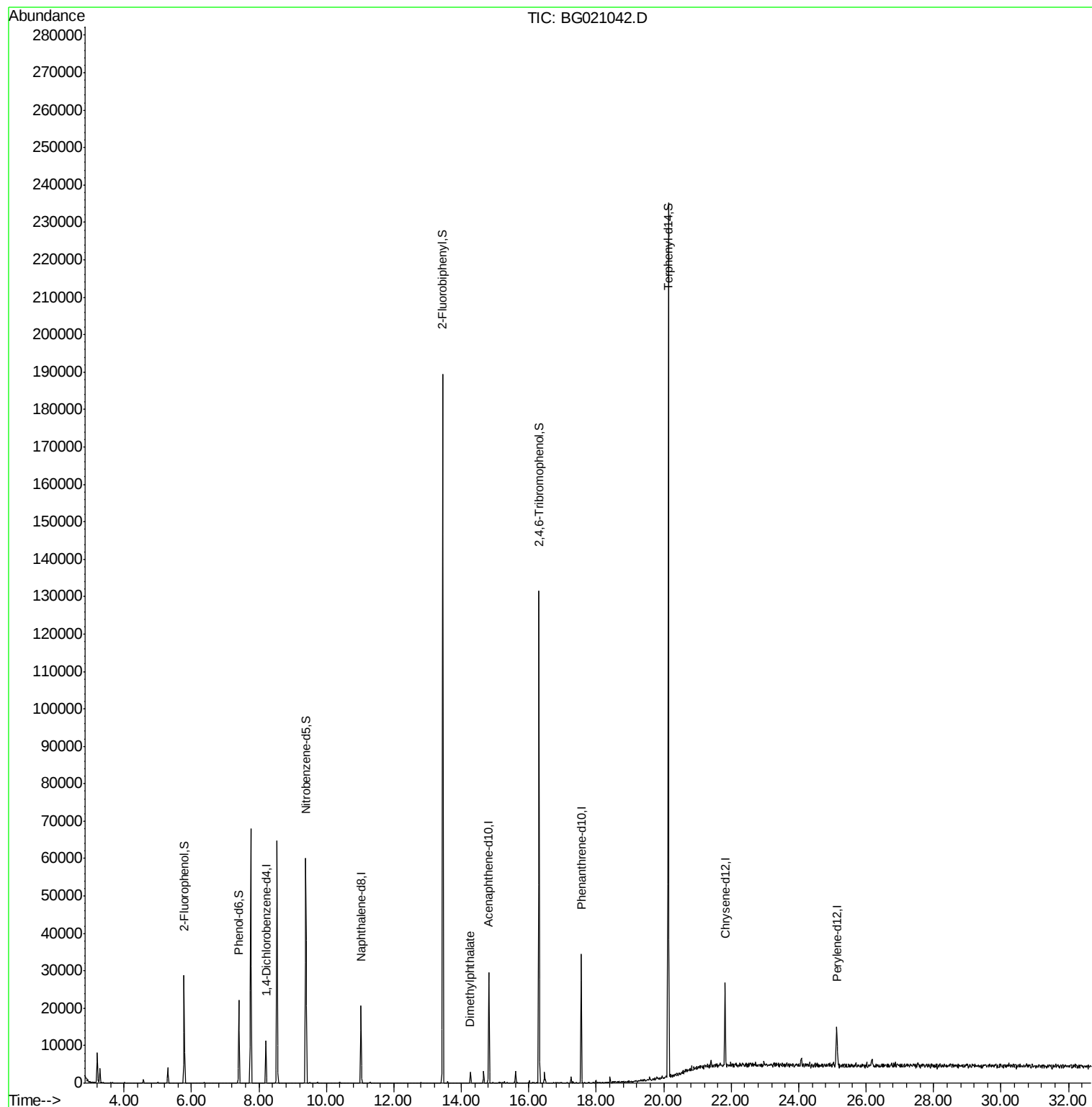
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	3428	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	18794	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	10252	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	20653	20.00	ng	0.00
75) Chrysene-d12	21.82	240	14265	20.00	ng	-0.01
86) Perylene-d12	25.14	264	13661	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.78	112	14401	73.65	ng	0.00
7) Phenol-d6	7.40	99	14050	46.66	ng	-0.01
23) Nitrobenzene-d5	9.39	82	37986	118.67	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	23218	189.05	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	94976	128.97	ng	0.00
78) Terphenyl-d14	20.14	244	93680	85.22	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.27	163	2669	3.19	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: 8.21 min Scan# 914

Delta R.T. -0.00 min

Lab File: BG021042.D

Acq: 24 Feb 2016 1:57

Instrument :

BNA_G

ClientSampleId :

DSN001RE

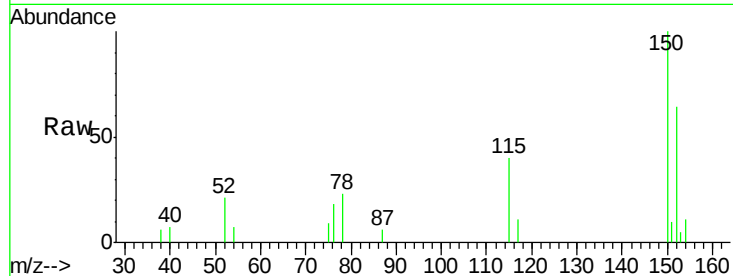
Tgt Ion:152 Resp: 3428

Ion Ratio Lower Upper

152 100

150 156.7 123.4 185.2

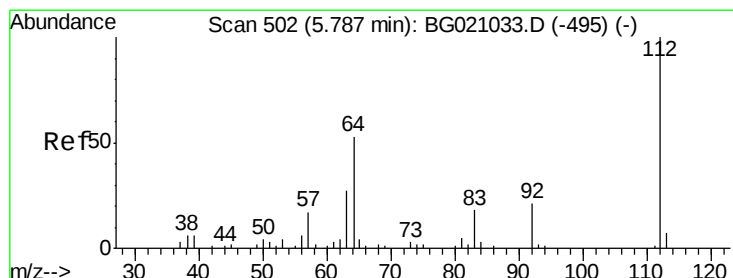
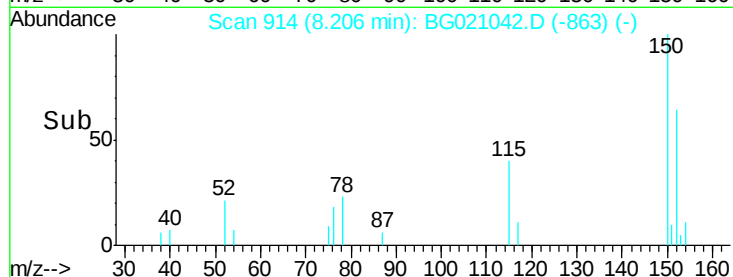
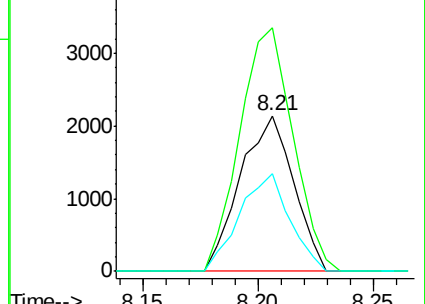
115 63.1 43.3 64.9



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: 73.65 ng

RT: 5.78 min Scan# 501

Delta R.T. -0.01 min

Lab File: BG021042.D

Acq: 24 Feb 2016 1:57

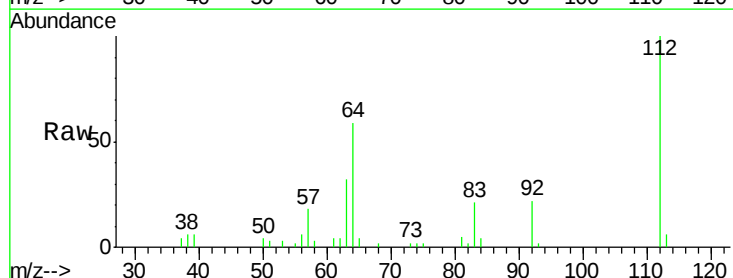
Tgt Ion:112 Resp: 14401

Ion Ratio Lower Upper

112 100

64 59.5 42.6 63.8

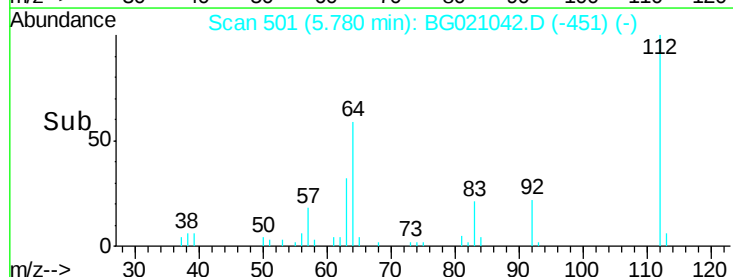
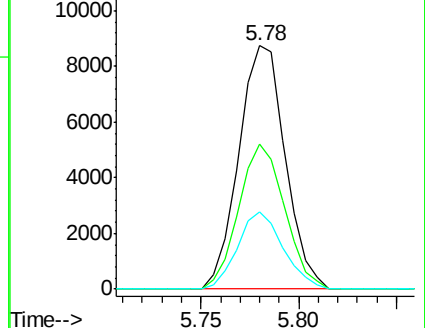
63 31.7 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 46.66 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG021042.D

Acq: 24 Feb 2016 1:57

Instrument :

BNA_G

ClientSampleId :

DSN001RE

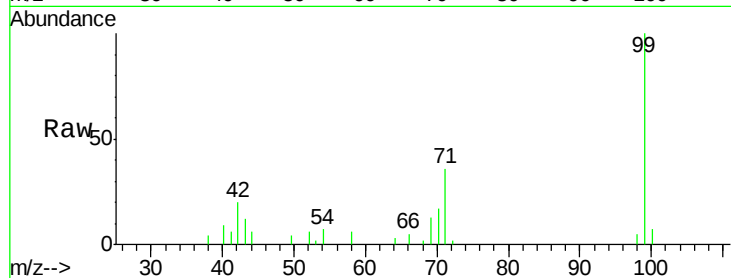
Tgt Ion: 99 Resp: 14050

Ion Ratio Lower Upper

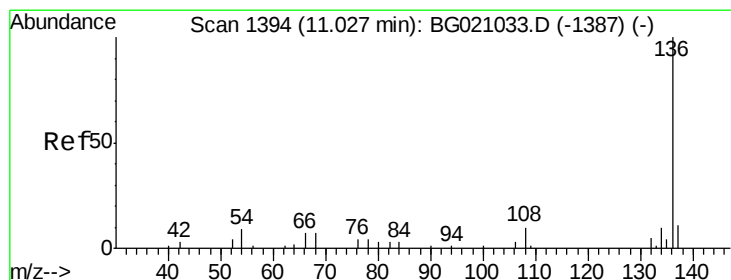
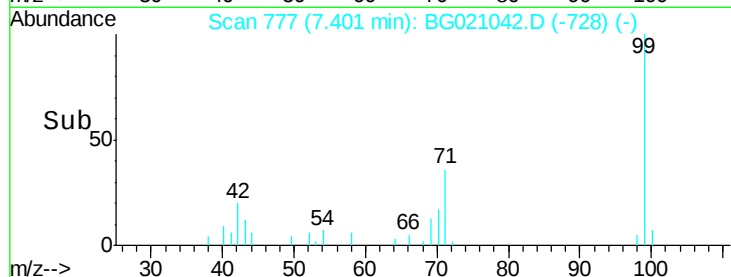
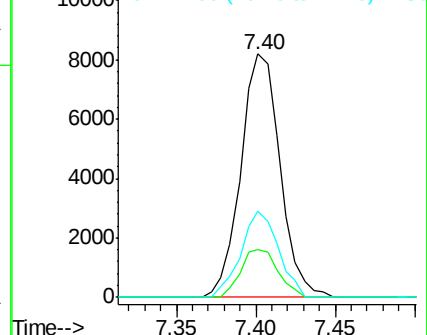
99 100

42 19.7 13.2 19.8

71 35.6 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: 11.03 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BG021042.D

Acq: 24 Feb 2016 1:57

Tgt Ion: 136 Resp: 18794

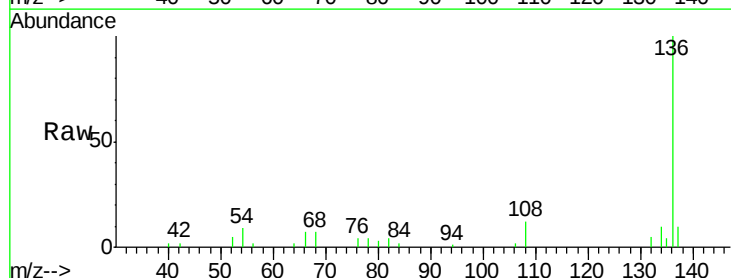
Ion Ratio Lower Upper

136 100

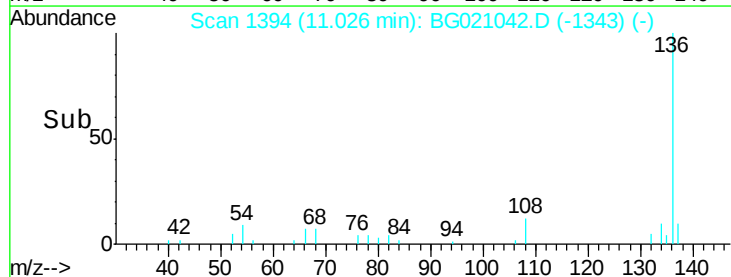
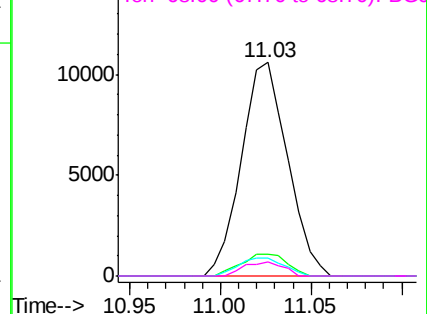
137 10.4 8.8 13.2

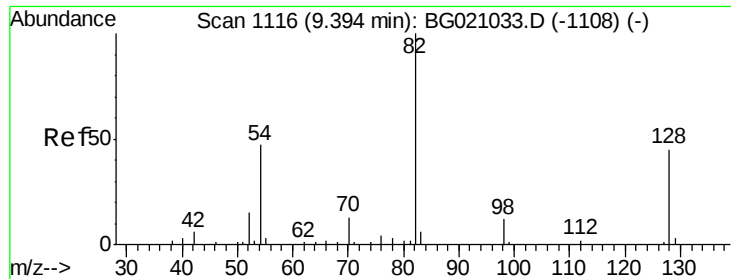
54 8.5 6.9 10.3

68 6.7 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

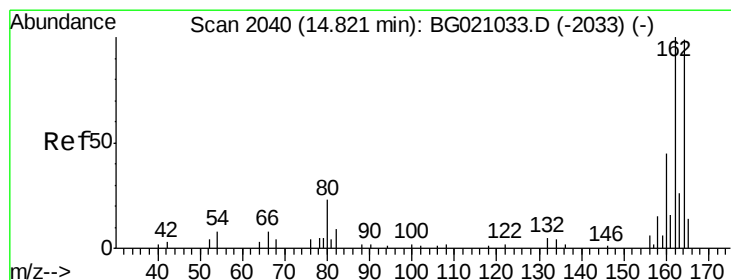
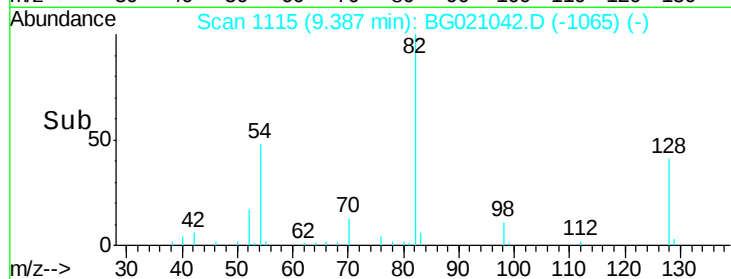
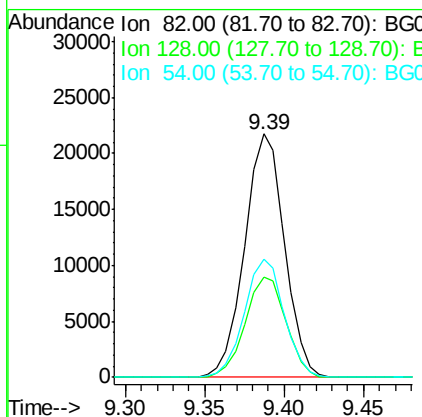
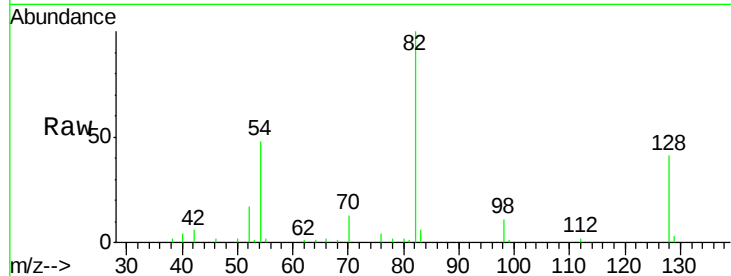




#23
Nitrobenzene-d5
Concen: 118.67 ng
RT: 9.39 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG021042.D
Acq: 24 Feb 2016 1:57

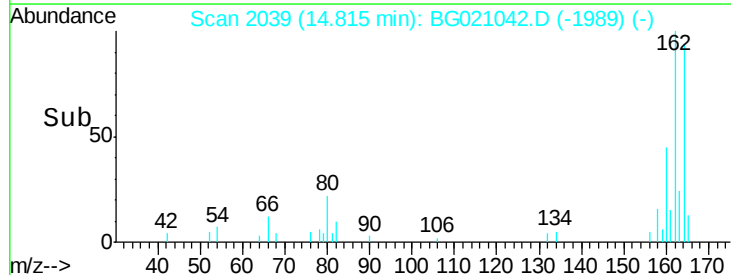
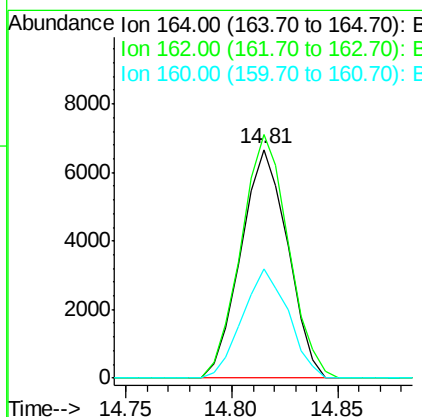
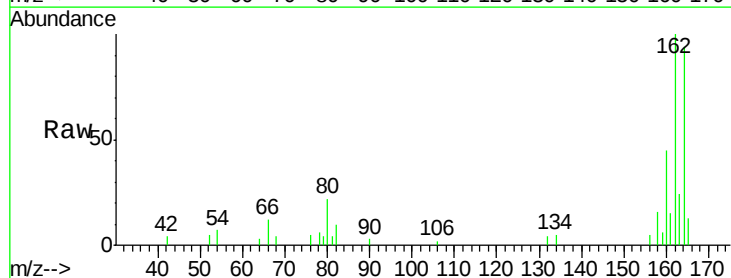
Instrument :
BNA_G
ClientSampleId :
DSN001RE

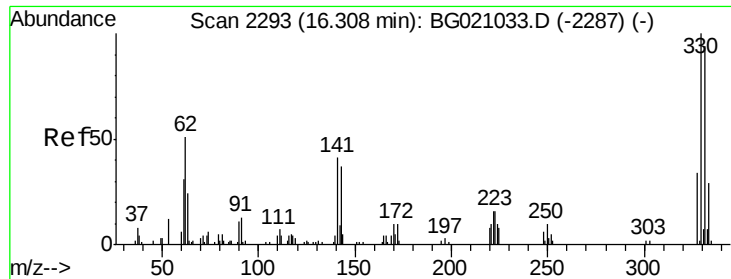
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.1	36.3	54.5
54	48.5	37.6	56.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BG021042.D
Acq: 24 Feb 2016 1:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.5	80.6	120.8
160	48.0	36.5	54.7

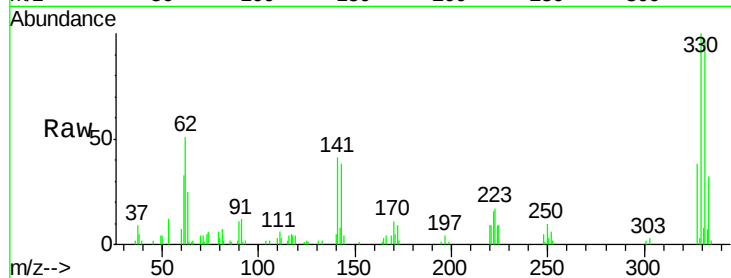




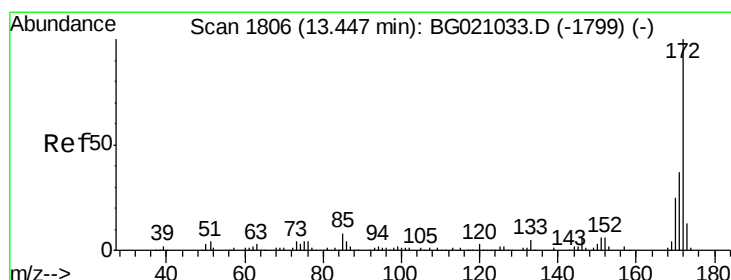
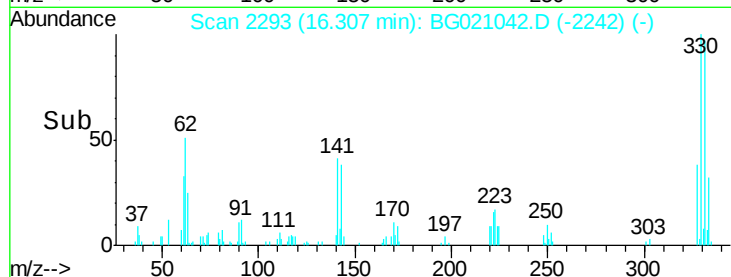
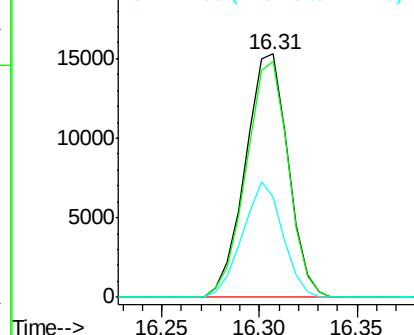
#41
 2,4,6-Tribromophenol
 Concen: 189.05 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BG021042.D
 Acq: 24 Feb 2016 1:57

Instrument :
 BNA_G
 ClientSampleId :
 DSN001RE

Tgt Ion:330 Resp: 23218
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.4 116.0
 141 44.3 35.3 52.9

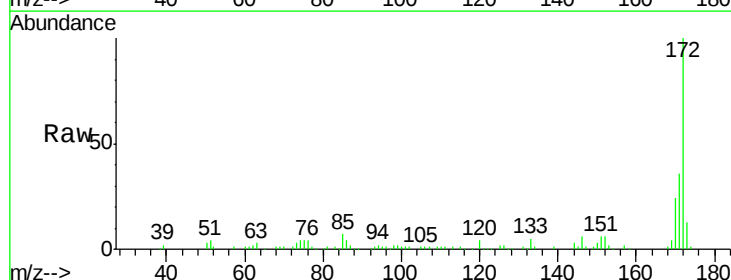


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

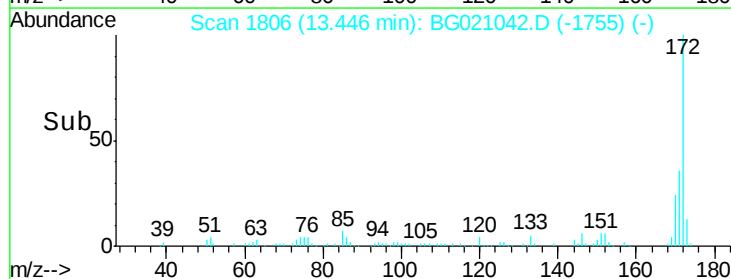
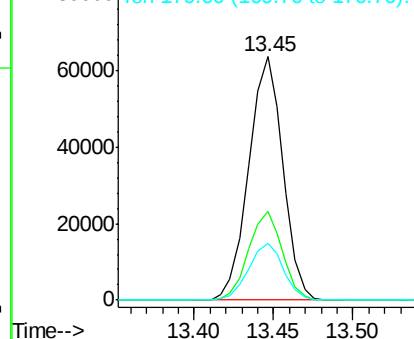


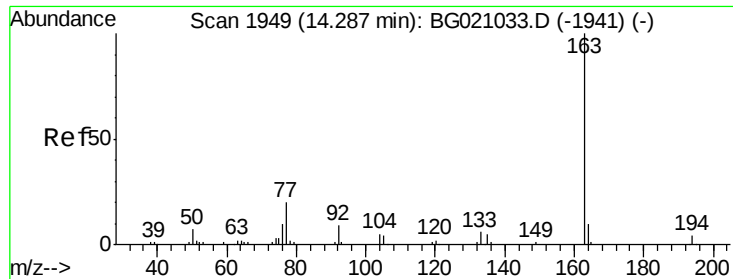
#44
 2-Fluorobiphenyl
 Concen: 128.97 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG021042.D
 Acq: 24 Feb 2016 1:57

Tgt Ion:172 Resp: 94976
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 23.5 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: 3.19 ng

RT: 14.27 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG021042.D

Acq: 24 Feb 2016 1:57

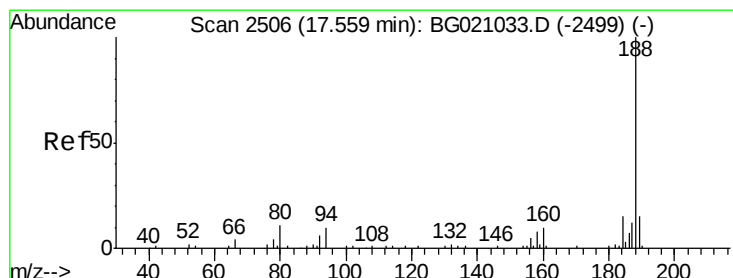
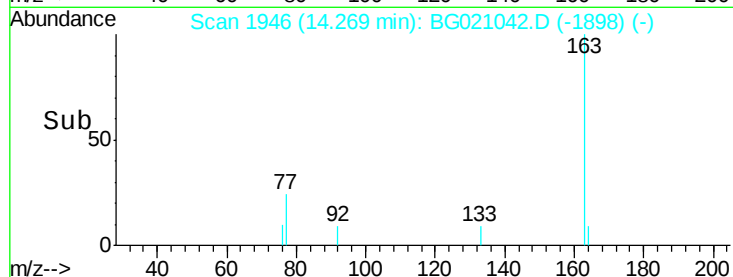
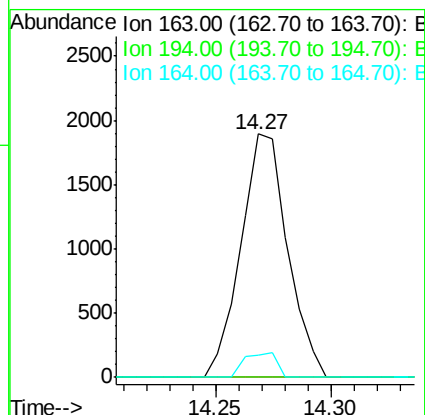
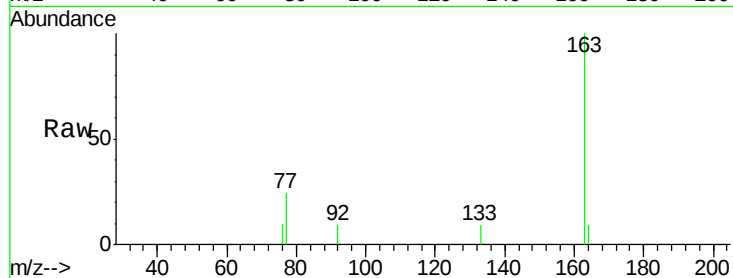
Instrument :

BNA_G

ClientSampleId :

DSN001RE

Tgt Ion:	163	Resp:	2669
Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.8	4.2#
164	9.1	7.9	11.9



#63

Phenanthrene-d10

Concen: 20.00 ng

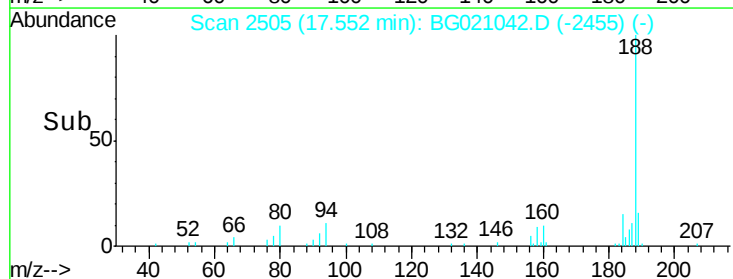
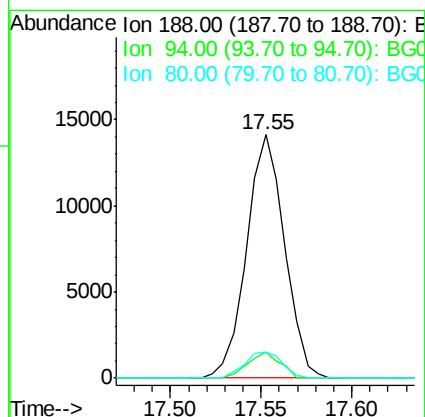
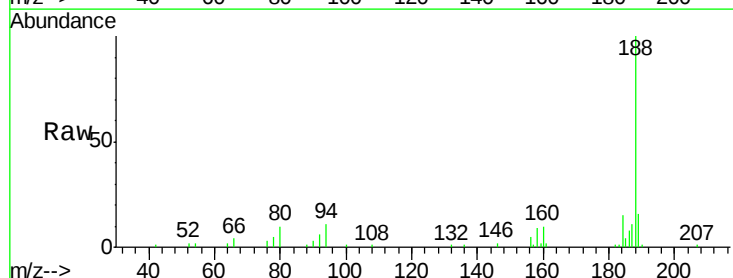
RT: 17.55 min Scan# 2505

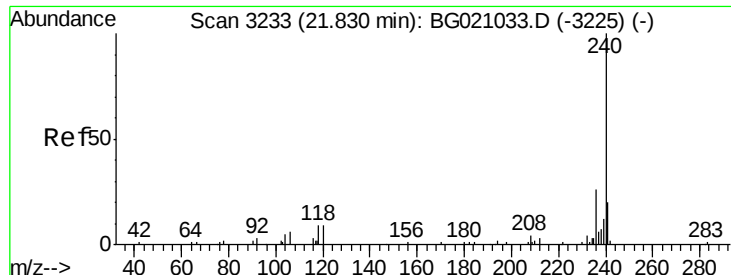
Delta R.T. -0.01 min

Lab File: BG021042.D

Acq: 24 Feb 2016 1:57

Tgt Ion:	188	Resp:	20653
Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.2	12.4
80	10.5	9.2	13.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.82 min Scan# 3231

Delta R.T. -0.01 min

Lab File: BG021042.D

Acq: 24 Feb 2016 1:57

Instrument :

BNA_G

ClientSampleId :

DSN001RE

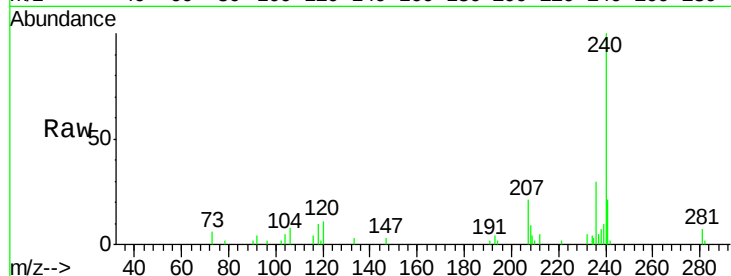
Tgt Ion:240 Resp: 14265

Ion Ratio Lower Upper

240 100

120 10.7 7.5 11.3

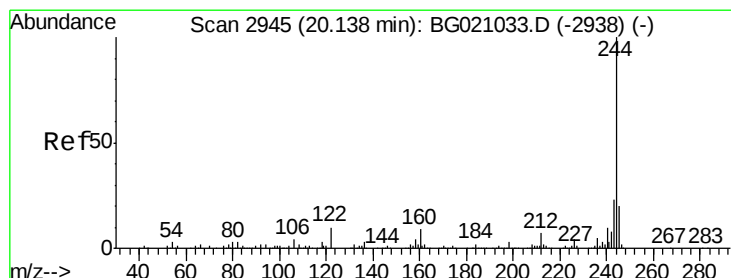
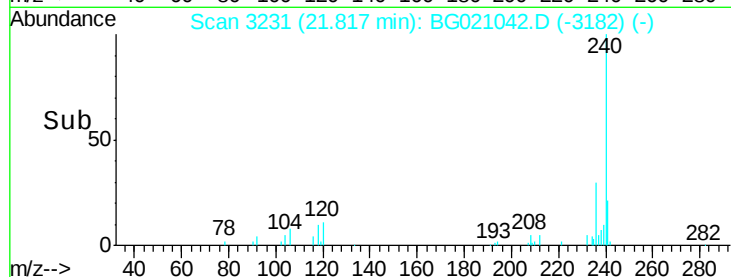
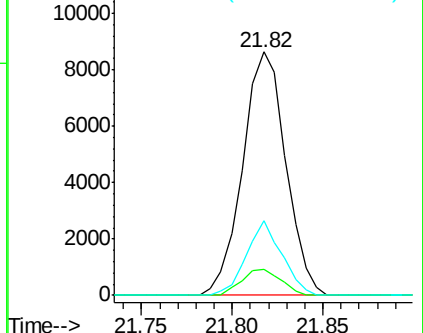
236 30.5 20.5 30.7



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: 85.22 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.00 min

Lab File: BG021042.D

Acq: 24 Feb 2016 1:57

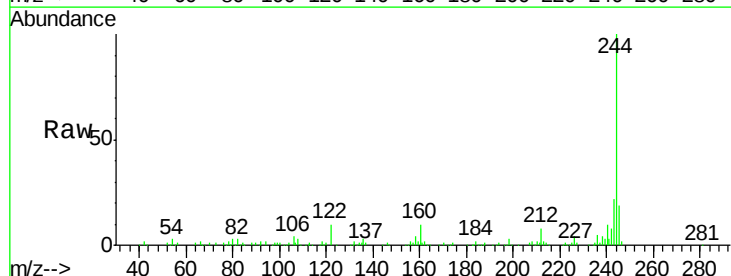
Tgt Ion:244 Resp: 93680

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.6

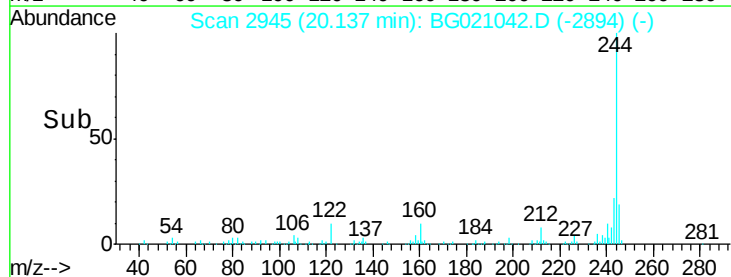
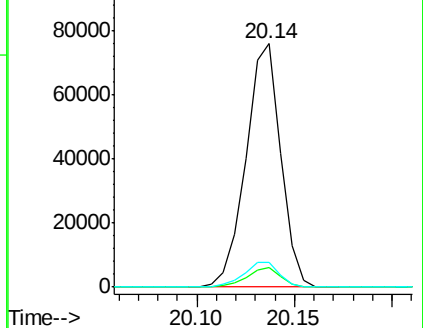
122 10.0 8.3 12.5

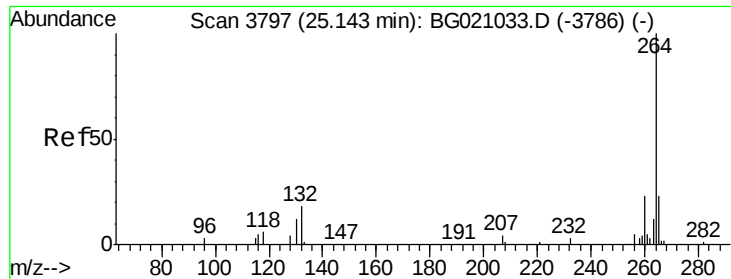


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

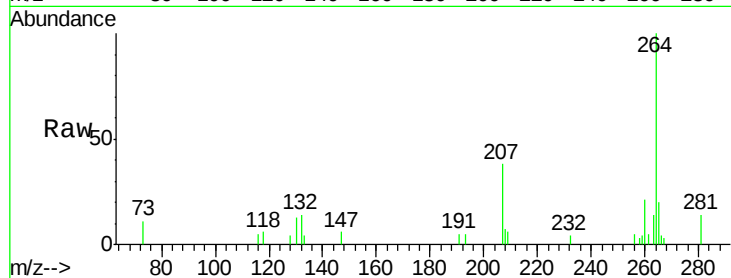




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.14 min Scan# 3796
Delta R.T. -0.01 min
Lab File: BG021042.D
Acq: 24 Feb 2016 1:57

Instrument :
BNA_G
ClientSampleId :
DSN001RE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.1	18.5	27.7
265	20.5	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

