

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
 Data File : BG021041.D
 Acq On : 24 Feb 2016 1:18
 Operator : UM/SJ
 Sample : H1554-04 40X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EVTP4

Quant Time: Feb 24 04:06:25 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	3918	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	21188	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	12134	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	25053	20.00	ng	0.00
75) Chrysene-d12	21.82	240	16419	20.00	ng	-0.01
86) Perylene-d12	25.12	264	14785	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	239	1.07	ng	0.00
7) Phenol-d6	7.40	99	569	1.65	ng	-0.01
23) Nitrobenzene-d5	9.39	82	281	0.78	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	13.45	172	1002	1.15	ng	0.00
78) Terphenyl-d14	20.13	244	1037	0.82	ng	-0.01

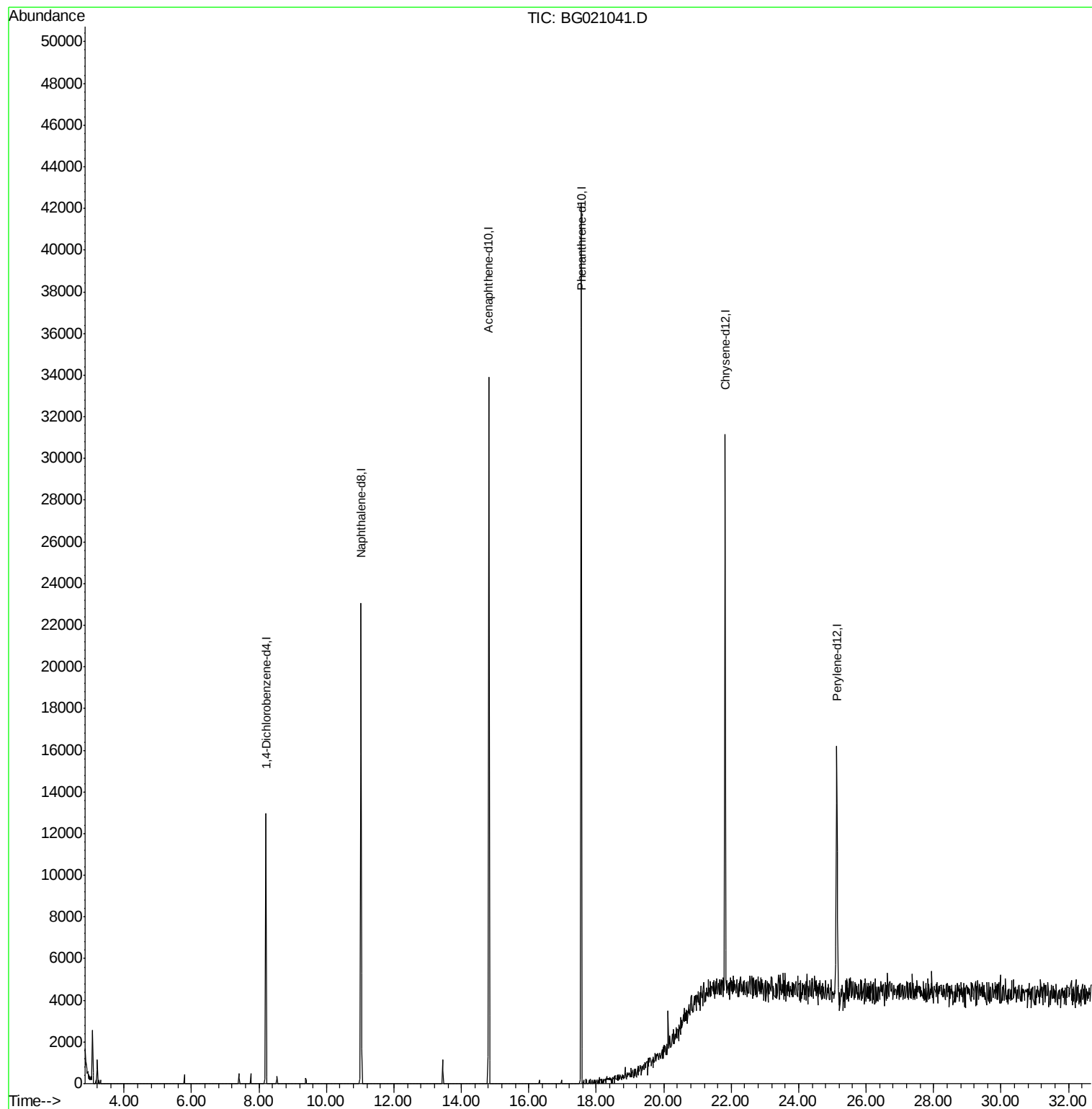
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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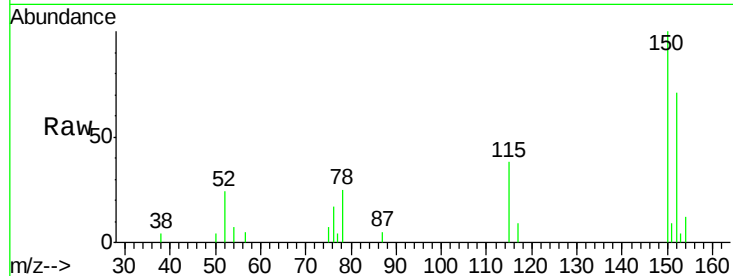


#1

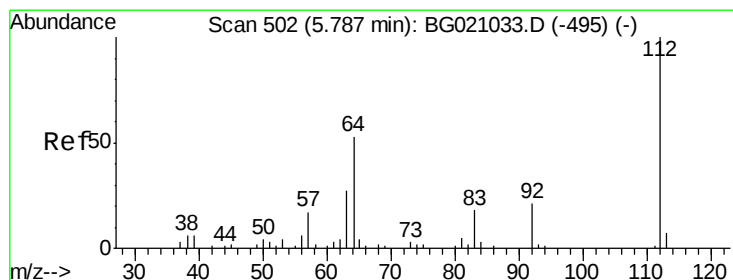
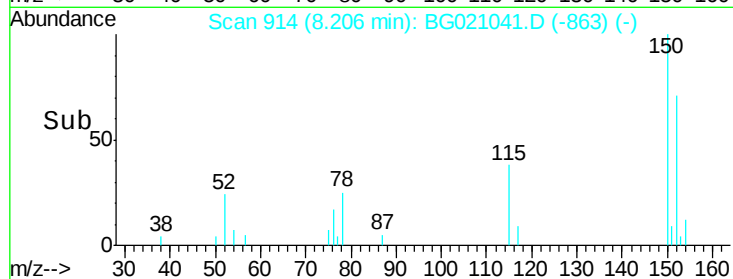
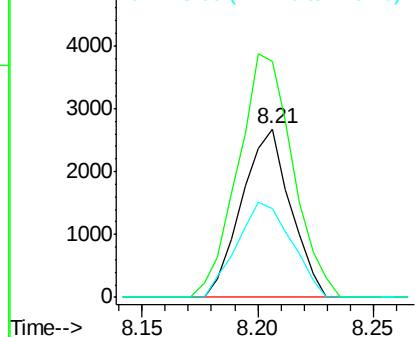
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 914
Delta R.T. -0.00 min
Lab File: BG021041.D
Acq: 24 Feb 2016 1:18

Instrument :
BNA_G
ClientSampled :
EVTP4

Tgt Ion:152 Resp: 3918
Ion Ratio Lower Upper
152 100
150 140.1 123.4 185.2
115 52.9 43.3 64.9



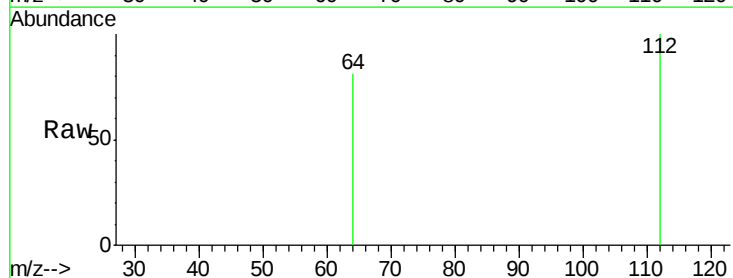
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



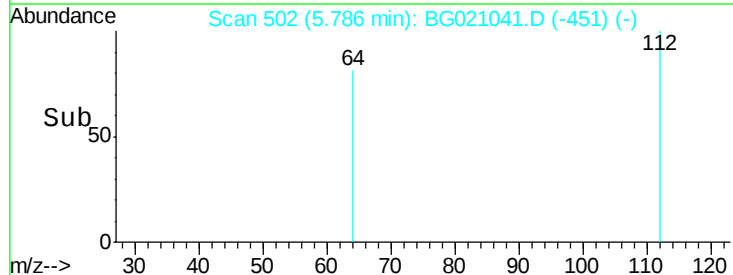
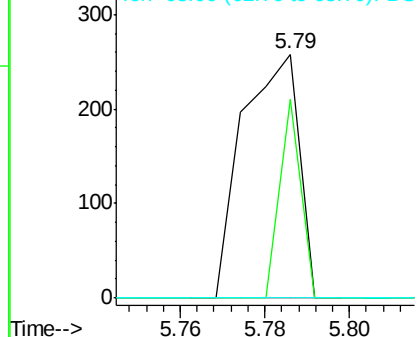
#5

2-Fluorophenol
Concen: 1.07 ng
RT: 5.79 min Scan# 502
Delta R.T. -0.00 min
Lab File: BG021041.D
Acq: 24 Feb 2016 1:18

Tgt Ion:112 Resp: 239
Ion Ratio Lower Upper
112 100
64 81.4 42.6 63.8#
63 0.0 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: 1.65 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG021041.D

Acq: 24 Feb 2016 1:18

Instrument :

BNA_G

ClientSampleId :

EVTP4

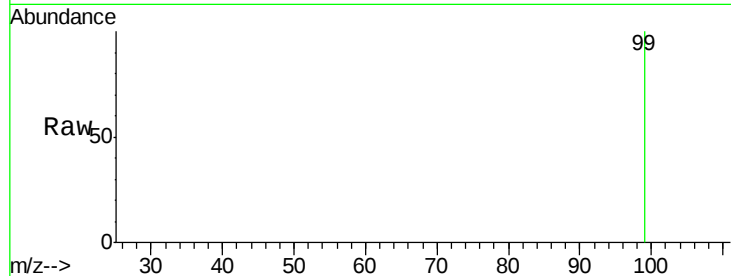
Tgt Ion: 99 Resp: 569

Ion Ratio Lower Upper

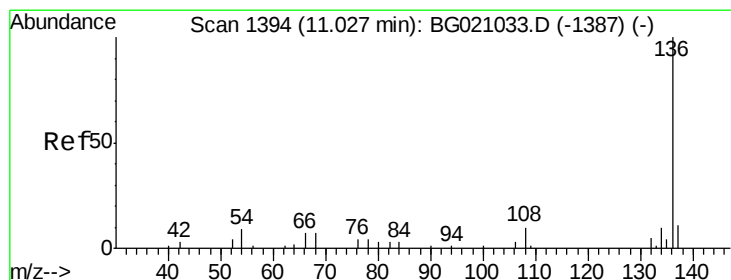
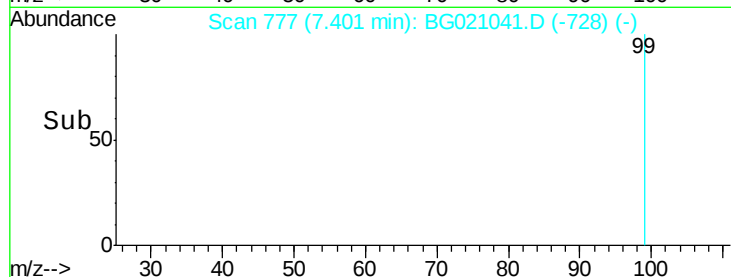
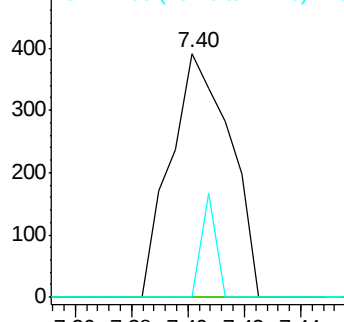
99 100

42 0.0 13.2 19.8#

71 0.0 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: BG021041.D

Acq: 24 Feb 2016 1:18

Tgt Ion: 136 Resp: 21188

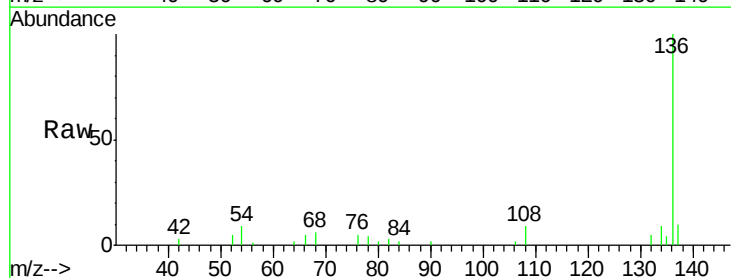
Ion Ratio Lower Upper

136 100

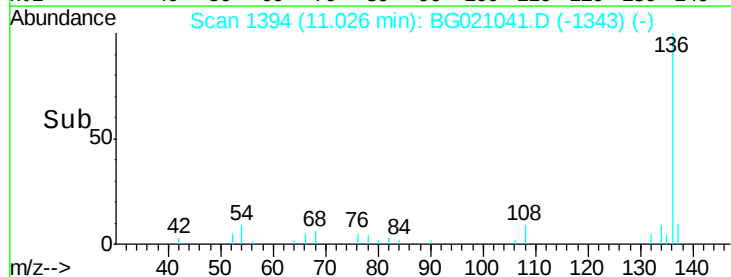
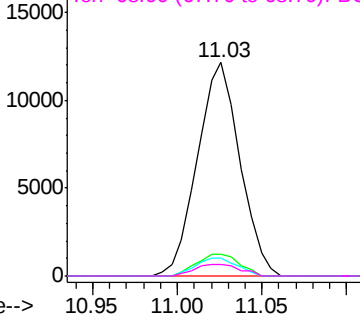
137 10.3 8.8 13.2

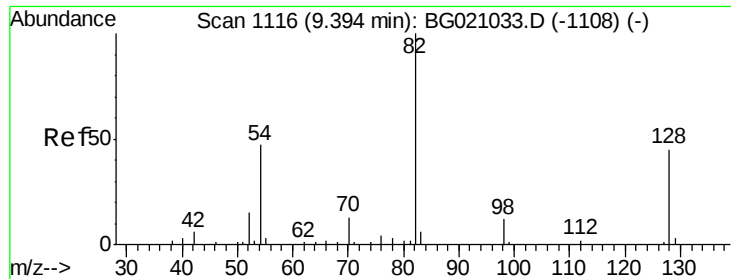
54 8.7 6.9 10.3

68 5.6 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

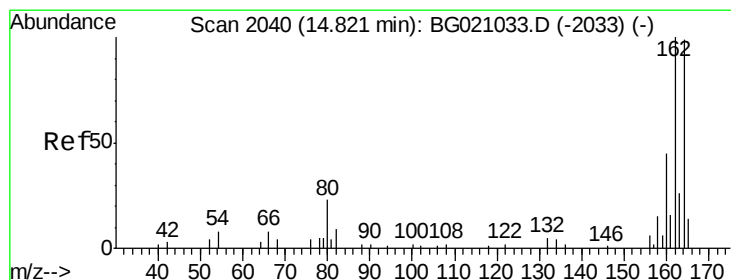
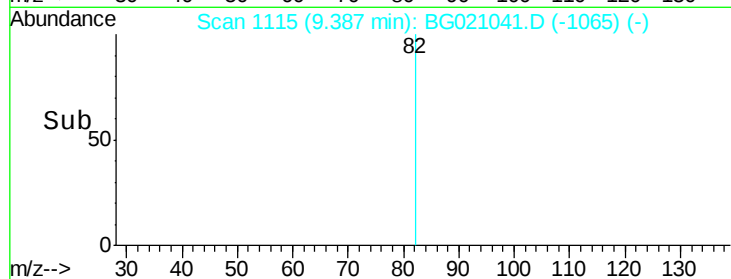
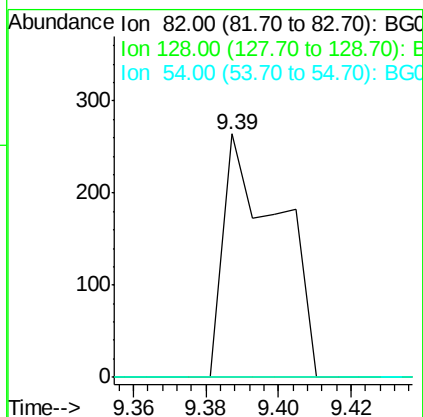
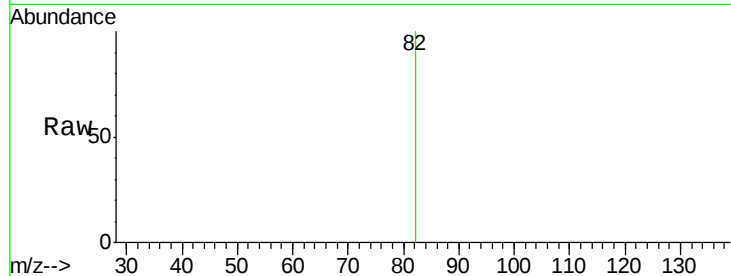




#23
 Nitrobenzene-d5
 Concen: 0.78 ng
 RT: 9.39 min Scan# 1115
 Delta R.T. -0.01 min
 Lab File: BG021041.D
 Acq: 24 Feb 2016 1:18

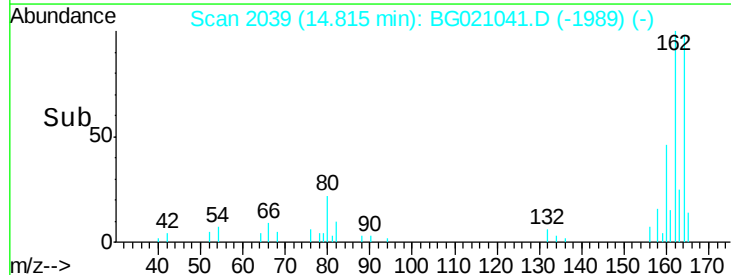
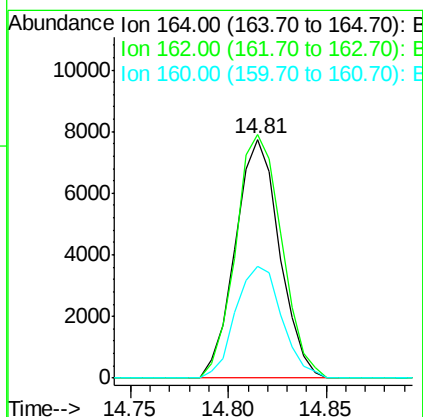
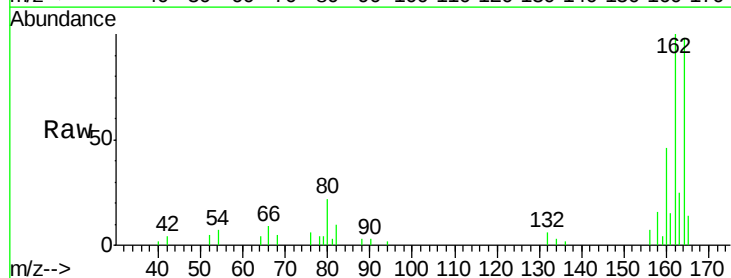
Instrument :
 BNA_G
 ClientSampleId :
 EVTP4

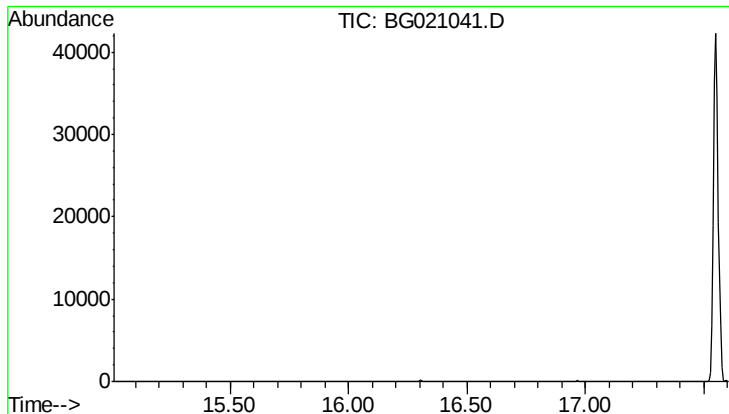
Tgt Ion: 82 Resp: 281
 Ion Ratio Lower Upper
 82 100
 128 0.0 36.3 54.5#
 54 0.0 37.6 56.4#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BG021041.D
 Acq: 24 Feb 2016 1:18

Tgt Ion: 164 Resp: 12134
 Ion Ratio Lower Upper
 164 100
 162 101.9 80.6 120.8
 160 46.7 36.5 54.7



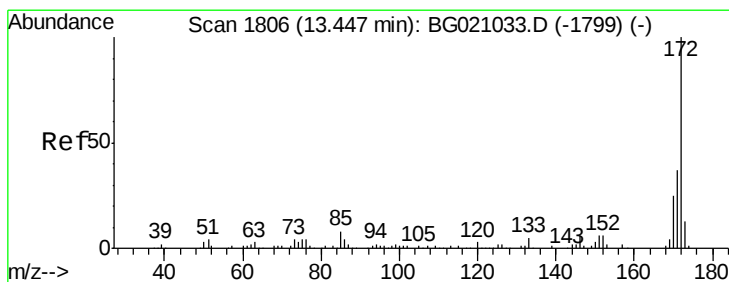
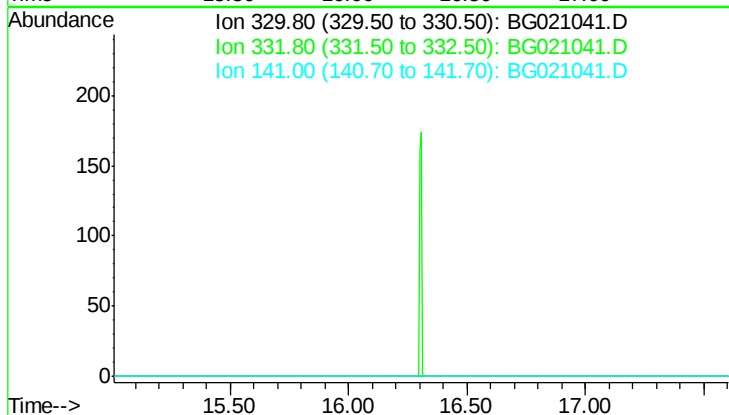


#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 16.31 min
 Lab File: BG021041.D
 Acq: 24 Feb 2016 1:18

Instrument :
 BNA_G
 ClientSampleId :
 EVTP4

Tgt Ion: 330

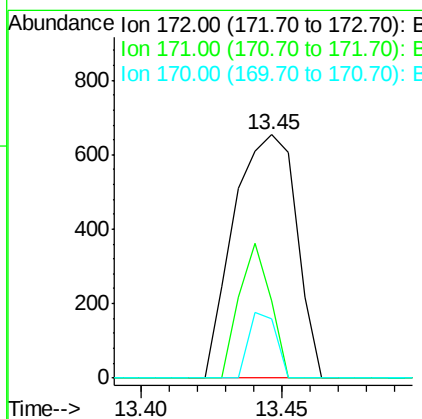
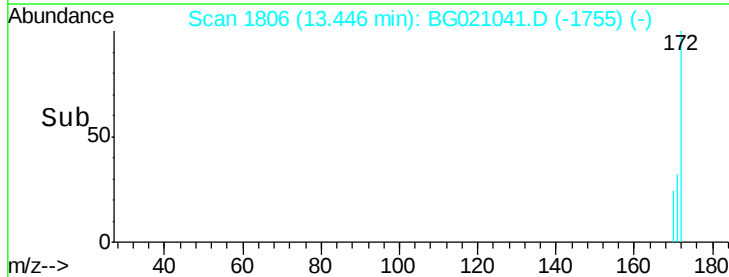
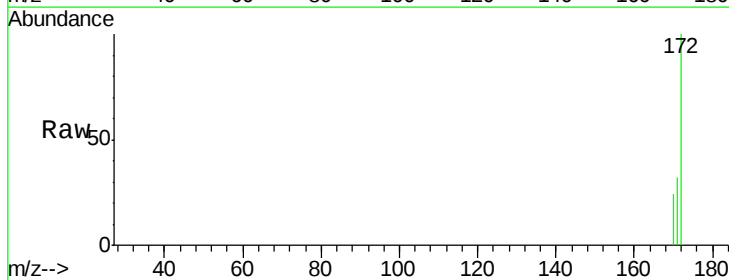
Sig	Exp Ratio
330	100
332	96.7
141	44.1

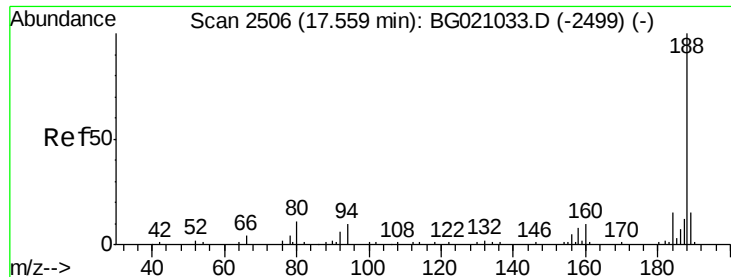


#44
 2-Fluorobiphenyl
 Concen: 1.15 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG021041.D
 Acq: 24 Feb 2016 1:18

Tgt Ion: 172 Resp: 1002

Ion	Ratio	Lower	Upper
172	100		
171	31.8	29.4	44.0
170	24.3	19.8	29.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BG021041.D

Acq: 24 Feb 2016 1:18

Instrument :

BNA_G

ClientSampleId :

EVTP4

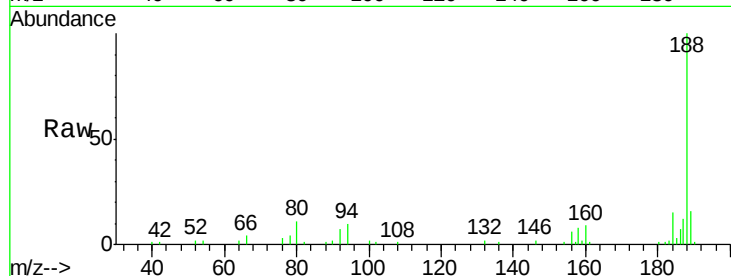
Tgt Ion:188 Resp: 25053

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.4

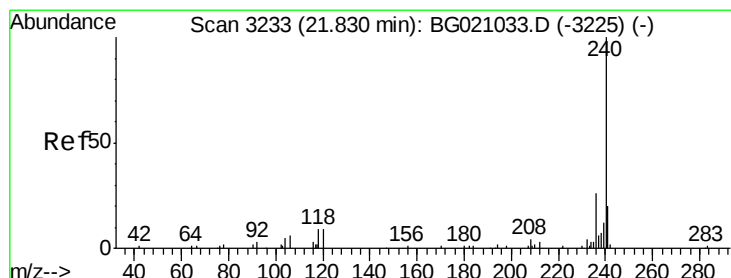
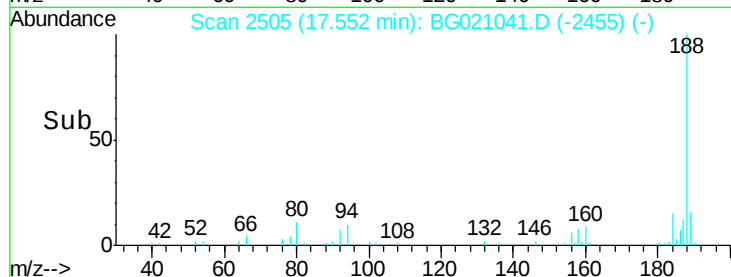
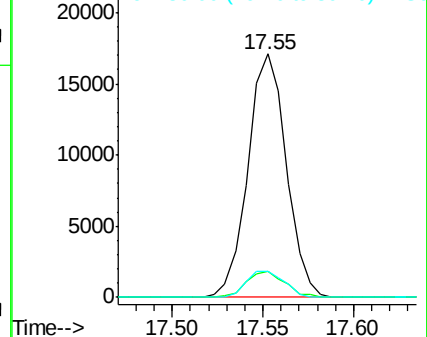
80 10.9 9.2 13.8



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: 21.82 min Scan# 3231

Delta R.T. -0.01 min

Lab File: BG021041.D

Acq: 24 Feb 2016 1:18

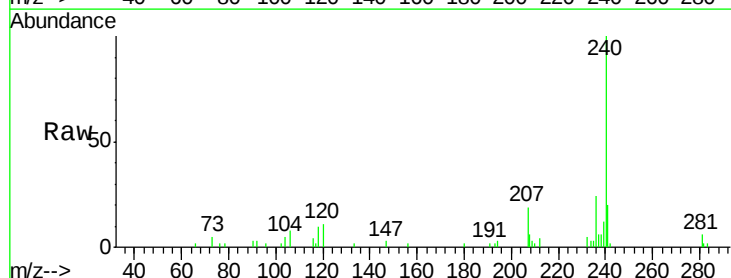
Tgt Ion:240 Resp: 16419

Ion Ratio Lower Upper

240 100

120 10.6 7.5 11.3

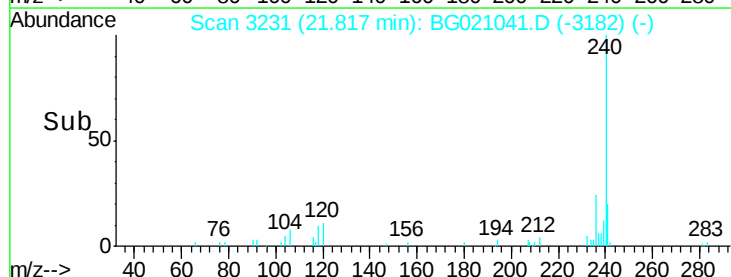
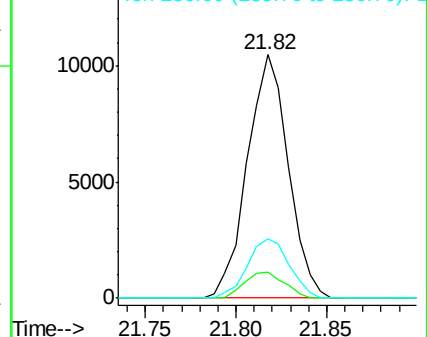
236 24.5 20.5 30.7

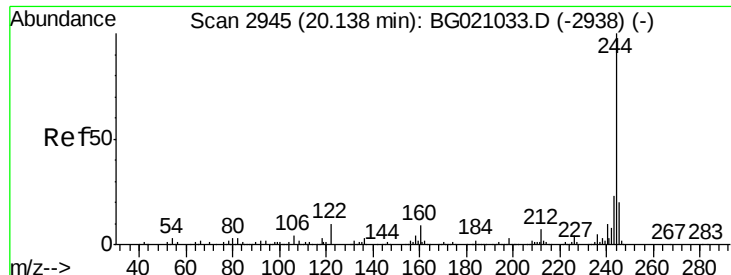


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 0.82 ng

RT: 20.13 min Scan# 2943

Delta R.T. -0.01 min

Lab File: BG021041.D

Acq: 24 Feb 2016 1:18

Instrument :

BNA_G

ClientSampled :

EVTP4

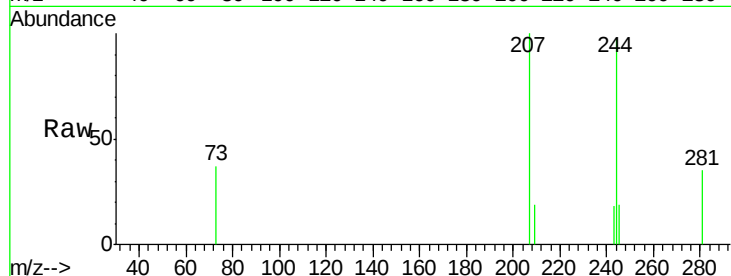
Tgt Ion:244 Resp: 1037

Ion Ratio Lower Upper

244 100

212 0.0 5.8 8.6#

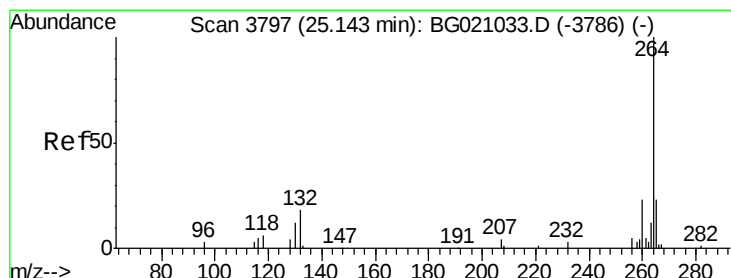
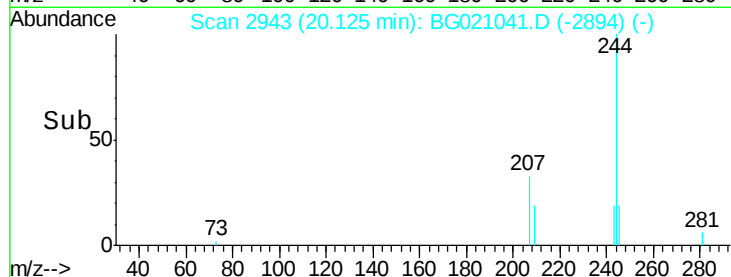
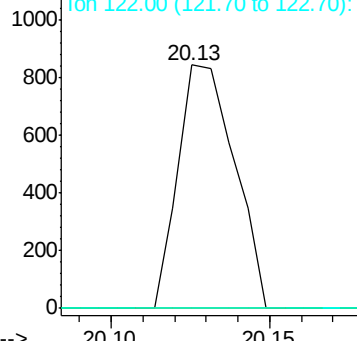
122 0.0 8.3 12.5#



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: 25.12 min Scan# 3794

Delta R.T. -0.02 min

Lab File: BG021041.D

Acq: 24 Feb 2016 1:18

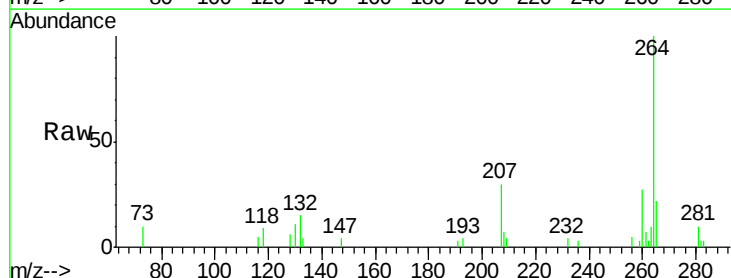
Tgt Ion:264 Resp: 14785

Ion Ratio Lower Upper

264 100

260 26.6 18.5 27.7

265 22.4 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

