

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022616\
 Data File : BG021096.D
 Acq On : 27 Feb 2016 2:42
 Operator : UM/SJ
 Sample : PB88529BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB88529BL

Quant Time: Feb 27 05:03:42 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	5082	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	21129	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	13619	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	35363	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	45225	20.00	ng	-0.02
86) Perylene-d12	25.06	264	41925	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	40622	139.94	ng	0.00
7) Phenol-d6	7.32	99	57154	132.31	ng	-0.01
23) Nitrobenzene-d5	9.33	82	39139	88.26	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	23592	132.13	ng	-0.01
44) 2-Fluorobiphenyl	13.41	172	85931	80.74	ng	0.00
78) Terphenyl-d14	20.11	244	174637	90.24	ng	0.00

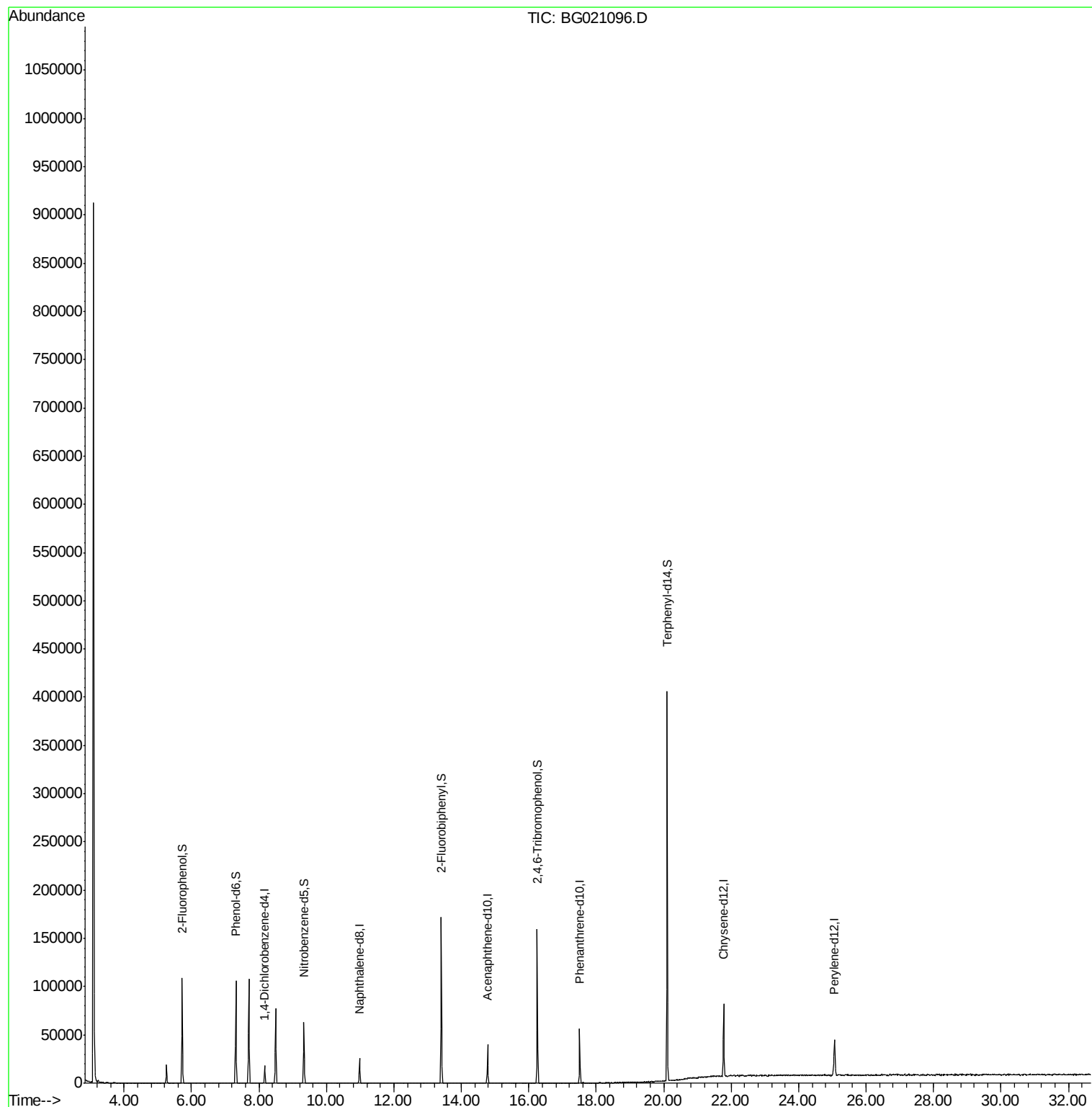
Target Compounds Qvalue

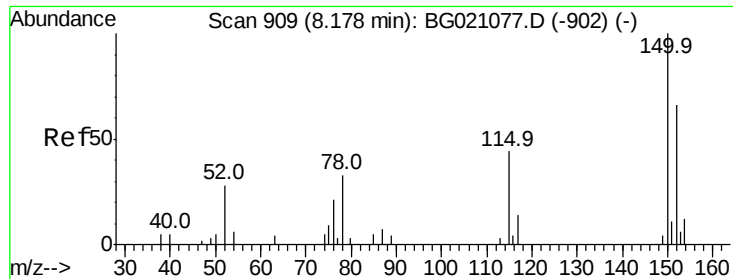
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 908

Delta R.T. -0.00 min

Lab File: BG021096.D

Acq: 27 Feb 2016 2:42

Instrument :

BNA_G

ClientSampleId :

PB88529BL

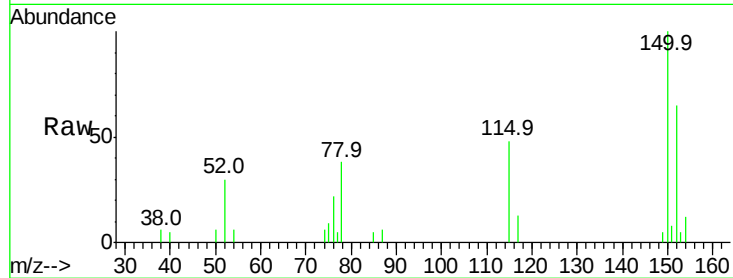
Tot Ion:152 Resp: 5082

Ion Ratio Lower Upper

152 100

150 153.3 123.4 185.2

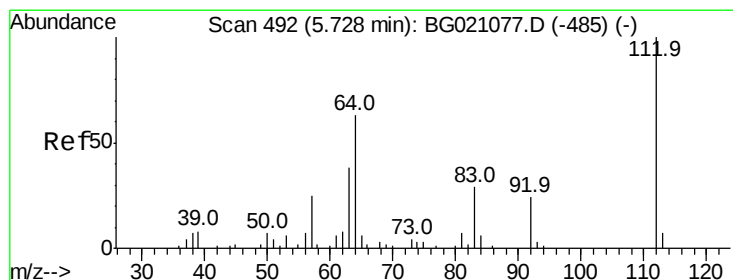
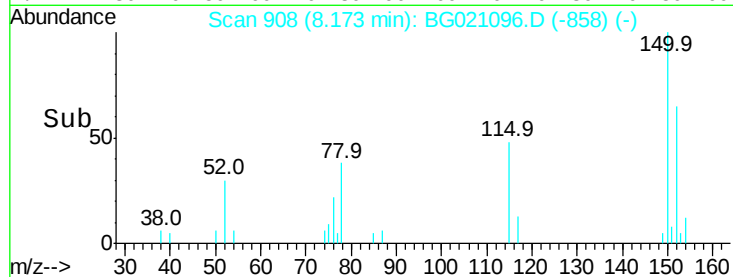
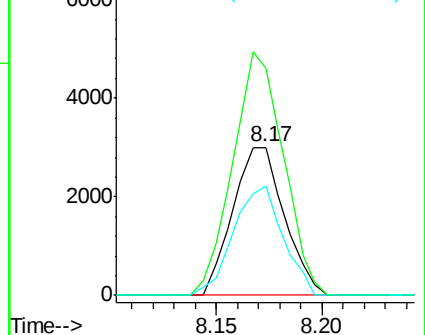
115 73.9 43.3 64.9#



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: 139.94 ng

RT: 5.72 min Scan# 491

Delta R.T. -0.00 min

Lab File: BG021096.D

Acq: 27 Feb 2016 2:42

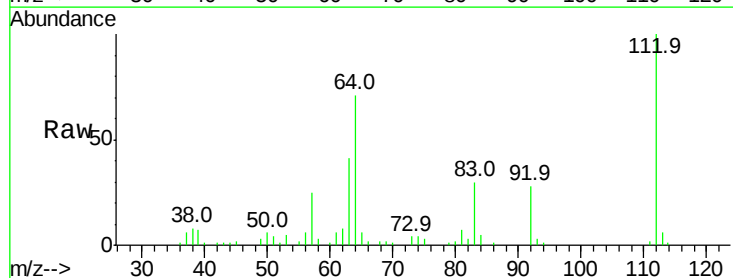
Tgt Ion:112 Resp: 40622

Ion Ratio Lower Upper

112 100

64 71.5 42.6 63.8#

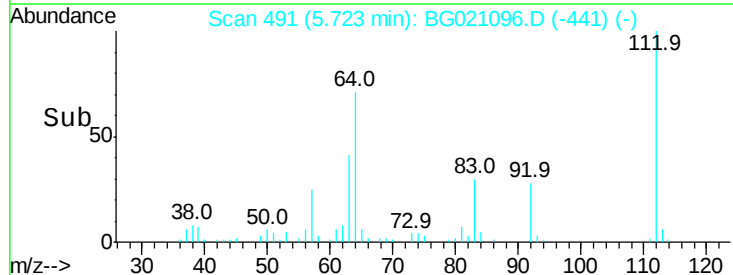
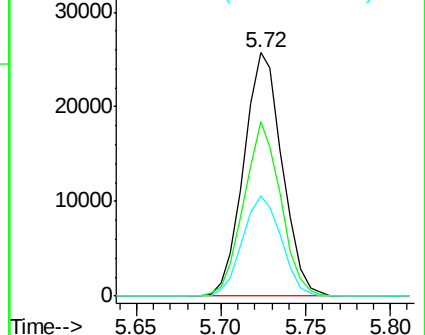
63 40.9 21.7 32.5#

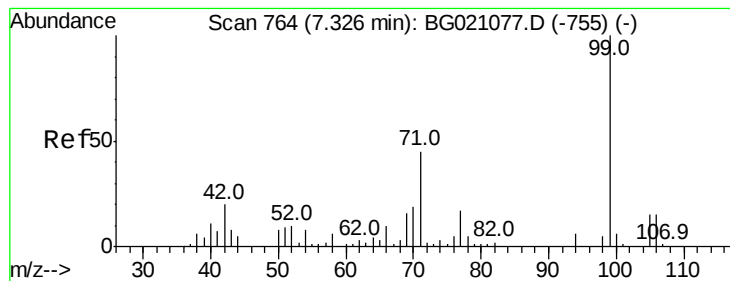


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 132.31 ng

RT: 7.32 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG021096.D

Acq: 27 Feb 2016 2:42

Instrument :

BNA_G

ClientSampleId :

PB88529BL

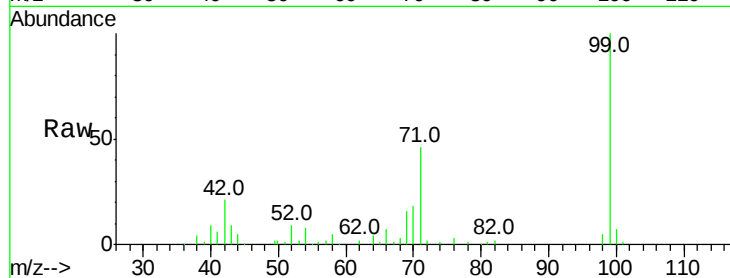
Tot Ion: 99 Resp: 57154

Ion Ratio Lower Upper

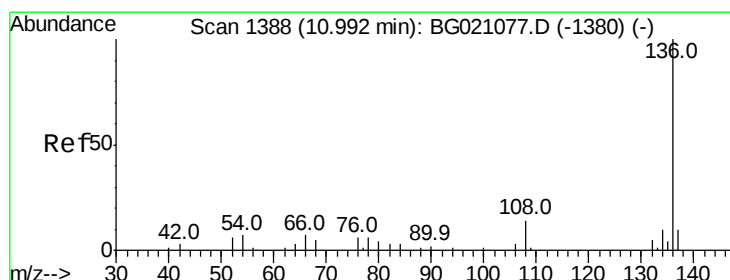
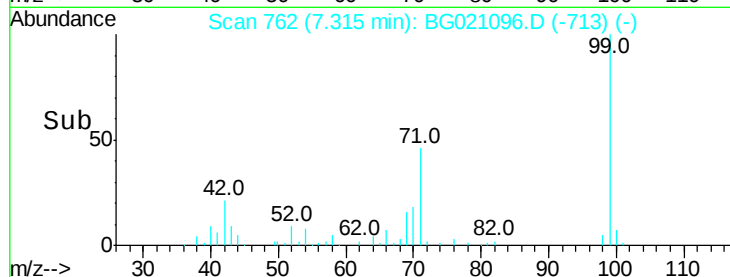
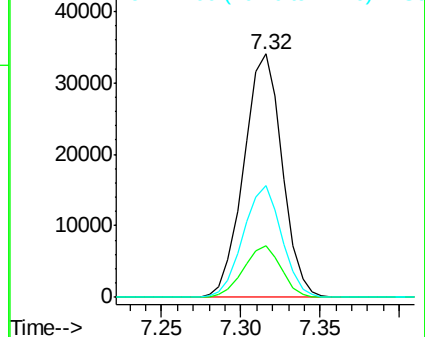
99 100

42 21.1 13.2 19.8#

71 46.0 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: 10.98 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BG021096.D

Acq: 27 Feb 2016 2:42

Tgt Ion: 136 Resp: 21129

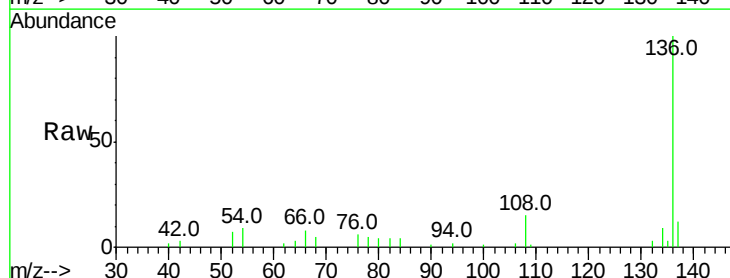
Ion Ratio Lower Upper

136 100

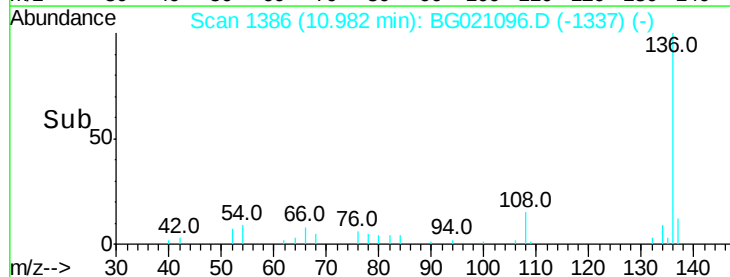
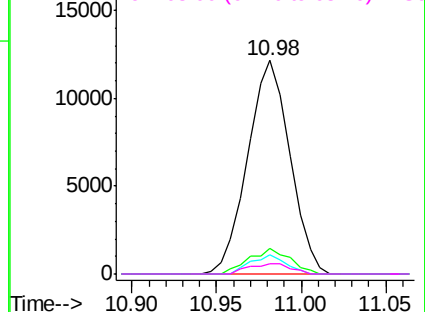
137 11.7 8.8 13.2

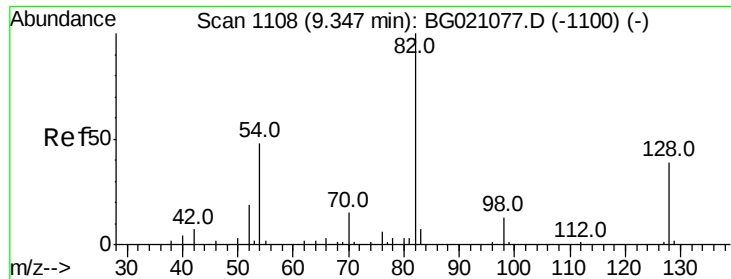
54 9.1 6.9 10.3

68 5.0 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

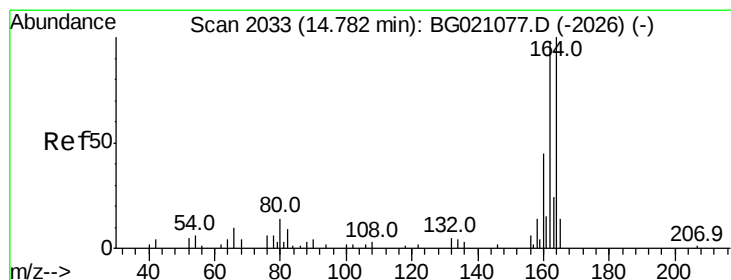
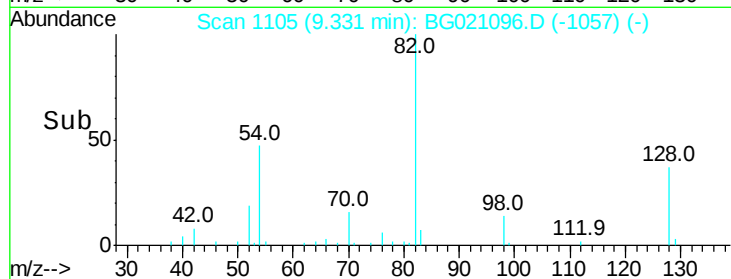
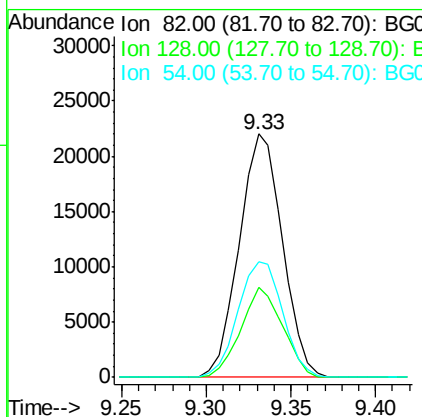
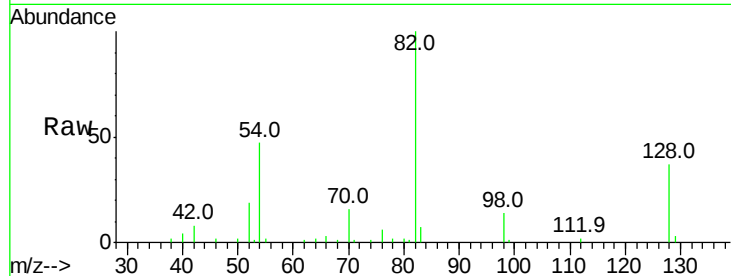




#23
 Nitrobenzene-d5
 Concen: 88.26 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.02 min
 Lab File: BG021096.D
 Acq: 27 Feb 2016 2:42

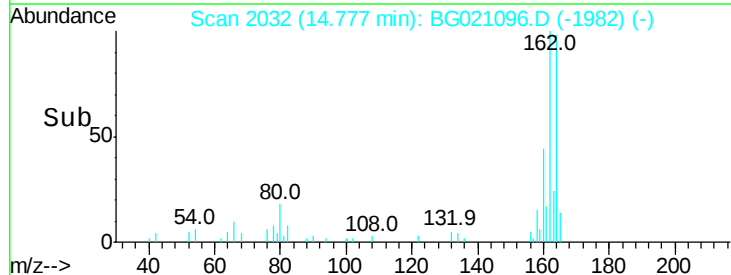
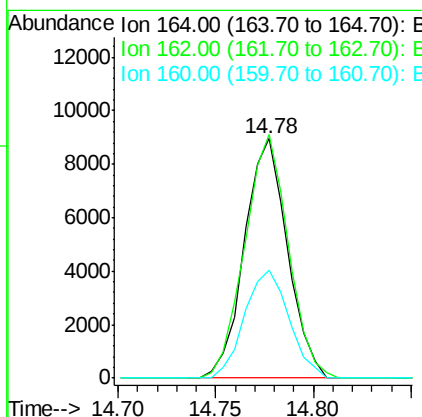
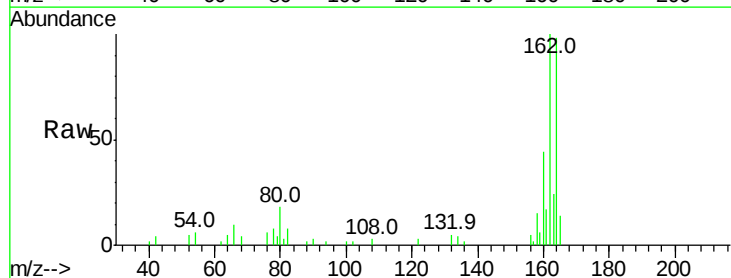
Instrument :
 BNA_G
 ClientSampleId :
 PB88529BL

Tot Ion	82	Resp	39139
Ion Ratio	100	Lower	Upper
128	36.9	36.3	54.5
54	47.3	37.6	56.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BG021096.D
 Acq: 27 Feb 2016 2:42

Tgt Ion	164	Resp	13619
Ion Ratio	100	Lower	Upper
162	101.6	80.6	120.8
160	45.2	36.5	54.7

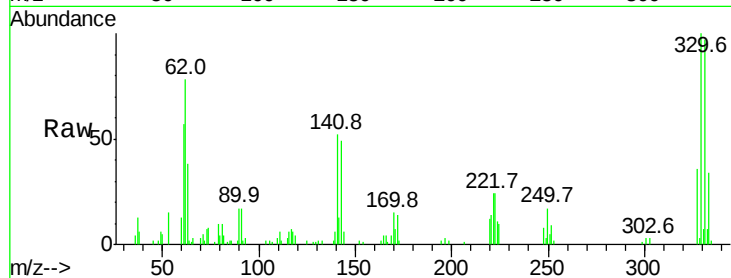




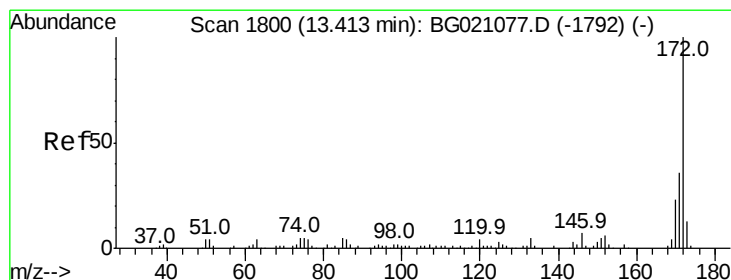
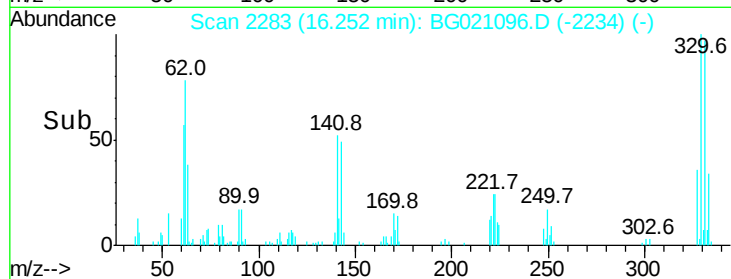
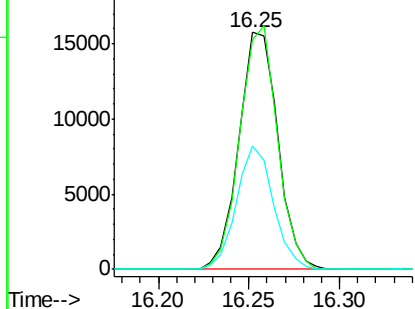
#41
 2,4,6-Tribromophenol
 Concen: 132.13 ng
 RT: 16.25 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BG021096.D
 Acq: 27 Feb 2016 2:42

Instrument :
 BNA_G
 ClientSampleId :
 PB88529BL

Tot Ion:330 Resp: 23592
 Ion Ratio Lower Upper
 330 100
 332 98.6 77.4 116.0
 141 49.3 35.3 52.9

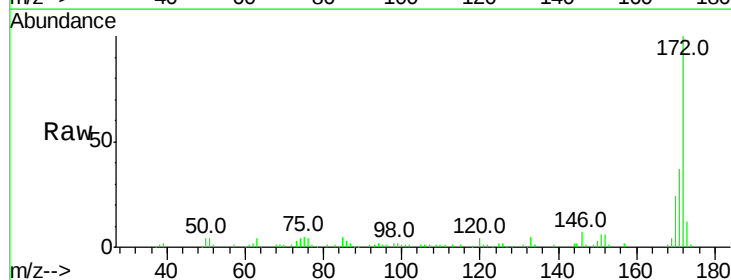


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

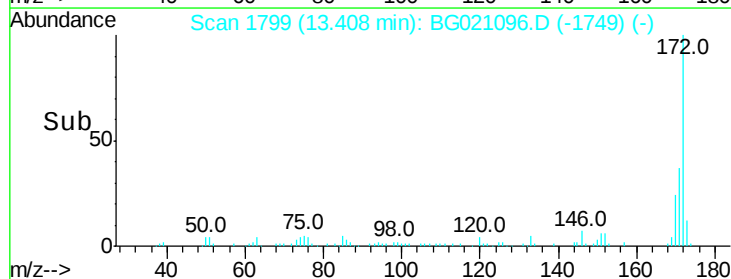
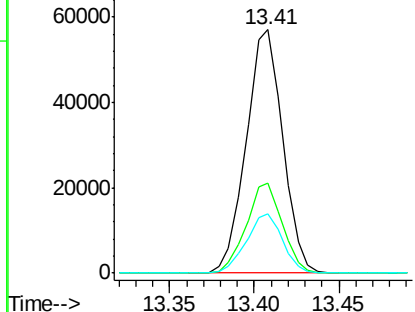


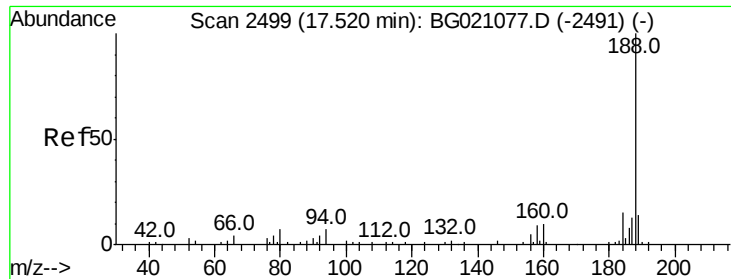
#44
 2-Fluorobiphenyl
 Concen: 80.74 ng
 RT: 13.41 min Scan# 1799
 Delta R.T. -0.00 min
 Lab File: BG021096.D
 Acq: 27 Feb 2016 2:42

Tgt Ion:172 Resp: 85931
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.3 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

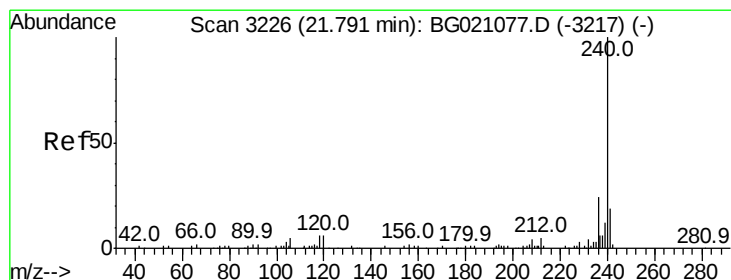
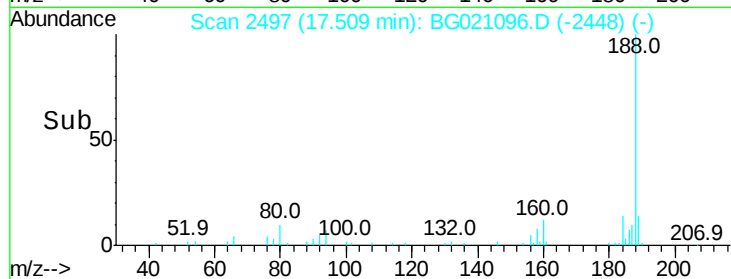
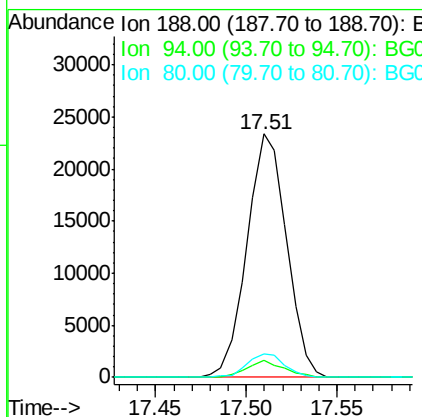
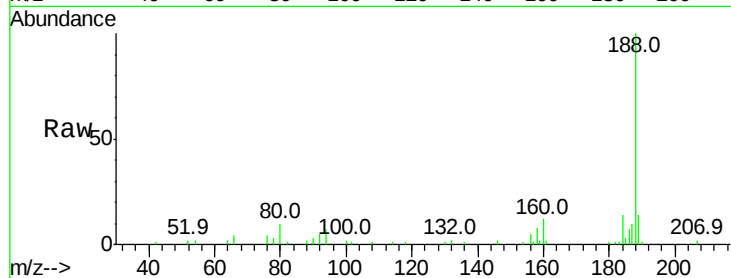




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.51 min Scan# 2497
 Delta R.T. -0.01 min
 Lab File: BG021096.D
 Acq: 27 Feb 2016 2:42

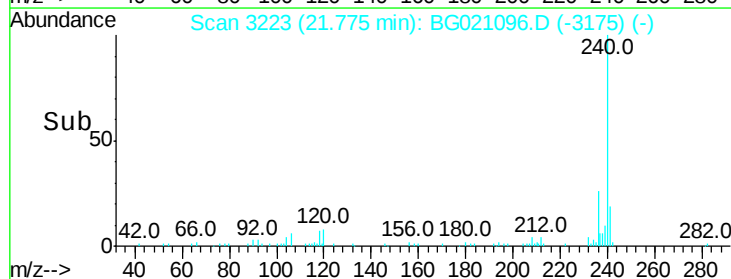
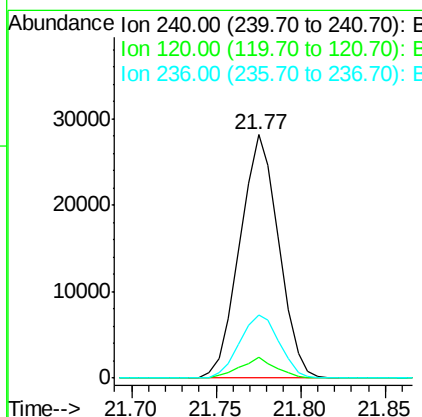
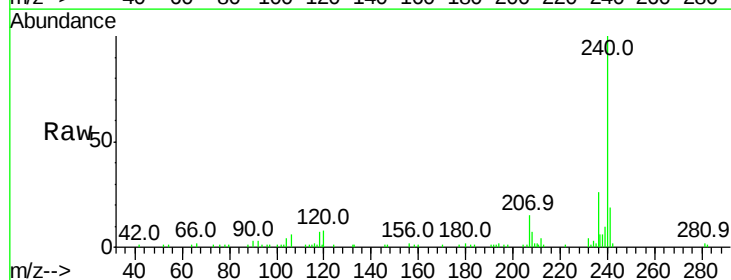
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 BNA_G
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 PB88529BL

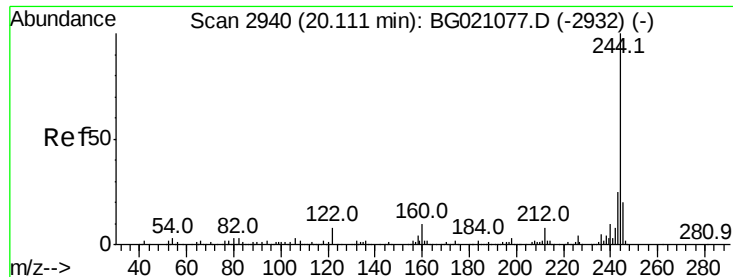
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.1	8.2	12.4#
80	9.6	9.2	13.8



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.77 min Scan# 3223
 Delta R.T. -0.02 min
 Lab File: BG021096.D
 Acq: 27 Feb 2016 2:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.5	11.3
236	26.1	20.5	30.7





#78

Terphenyl-d14

Concen: 90.24 ng

RT: 20.11 min Scan# 2939

Delta R.T. -0.00 min

Lab File: BG021096.D

Acq: 27 Feb 2016 2:42

Instrument :

BNA_G

ClientSampleId :

PB88529BL

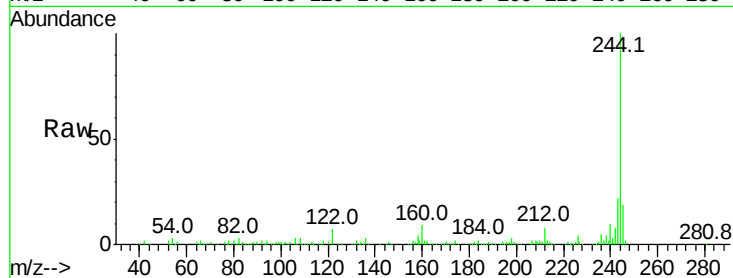
Tot Ion:244 Resp: 174637

Ion Ratio Lower Upper

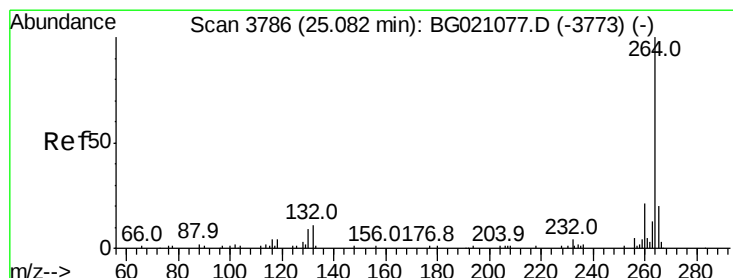
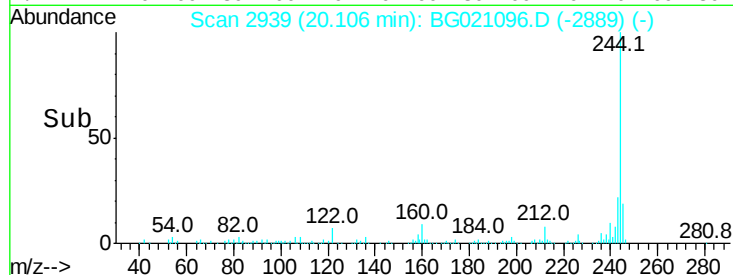
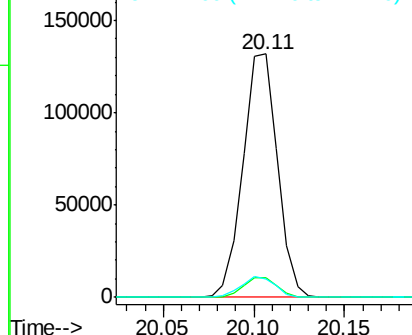
244 100

212 8.1 5.8 8.6

122 7.4 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: 25.06 min Scan# 3782

Delta R.T. -0.02 min

Lab File: BG021096.D

Acq: 27 Feb 2016 2:42

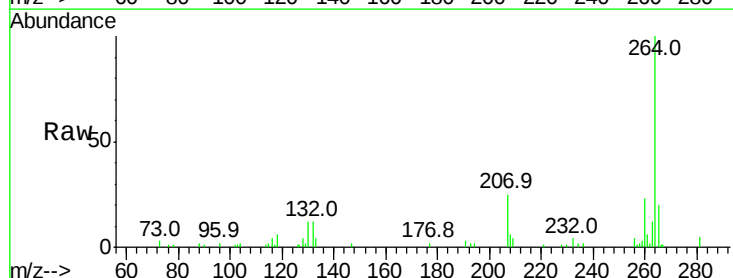
Tgt Ion:264 Resp: 41925

Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 20.3 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

