

Data File : BG026006.D
Acq On : 28 Feb 2017 20:58
Operator : SJ/MA
Sample : I2006-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CPS043055

Quant Time: Mar 01 00:48:33 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 28 15:36:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	83271	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	383740	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	258089	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	721551	20.00	ng	0.00
75) Chrysene-d12	21.65	240	756950	20.00	ng	-0.03
86) Perylene-d12	24.85	264	715753	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	398282	83.27	ng	0.00
7) Phenol-d6	7.23	99	343630	48.55	ng	0.00
23) Nitrobenzene-d5	9.23	82	659044	108.38	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	542903	227.68	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1669221	113.01	ng	-0.01
78) Terphenyl-d14	20.01	244	2704168	86.89	ng	-0.01

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

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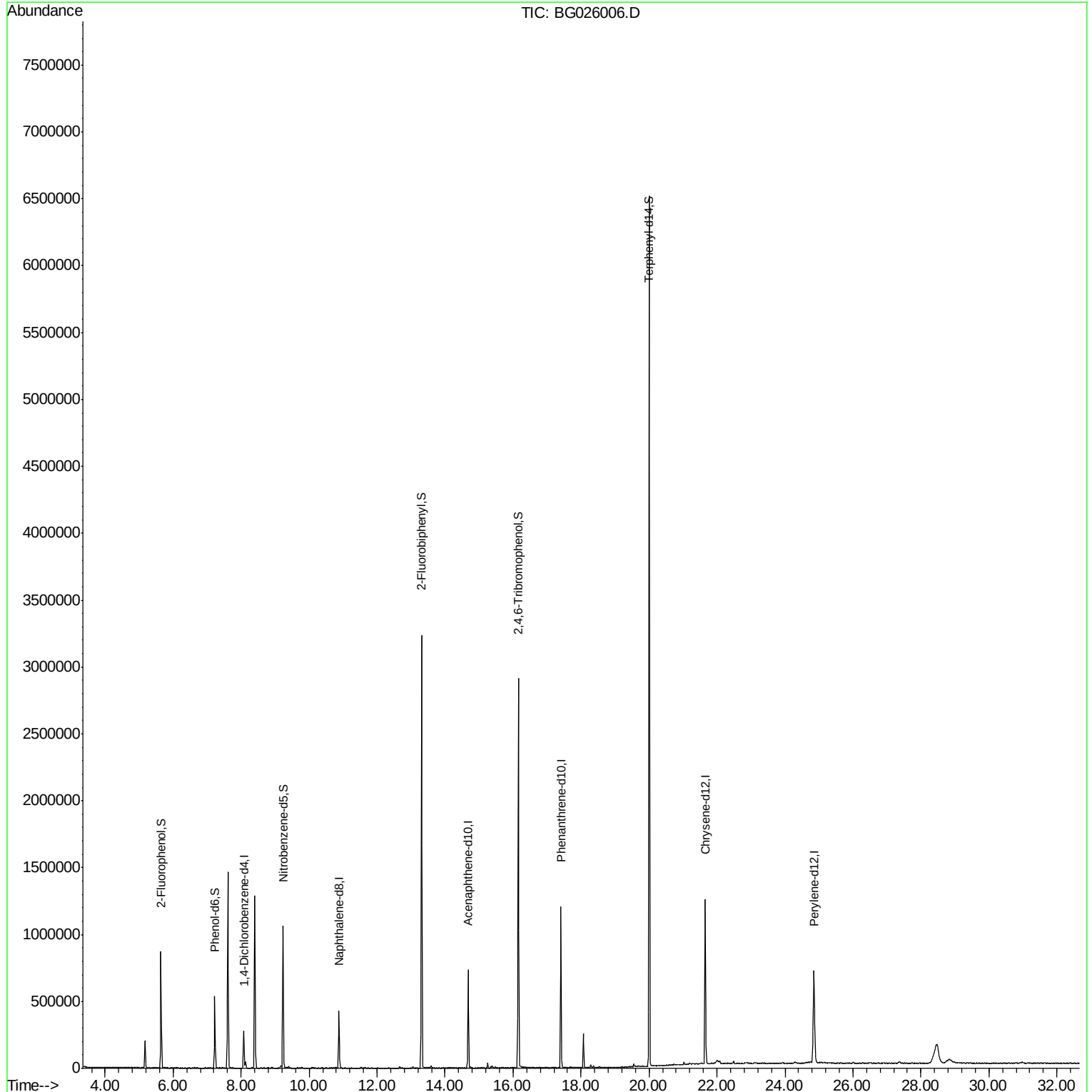
Quant Time: Mar 01 00:48:33 2017

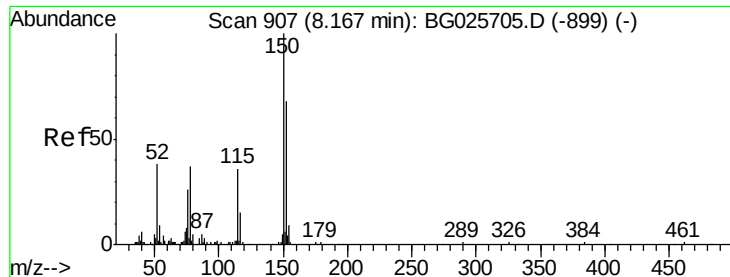
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Feb 28 15:36:56 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 807

Delta R.T. -0.01 min

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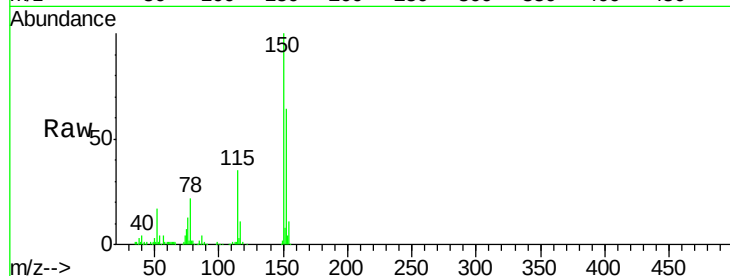
Tgt Ion:152 Resp: 83271

Ion Ratio Lower Upper

152 100

150 156.8 114.0 171.0

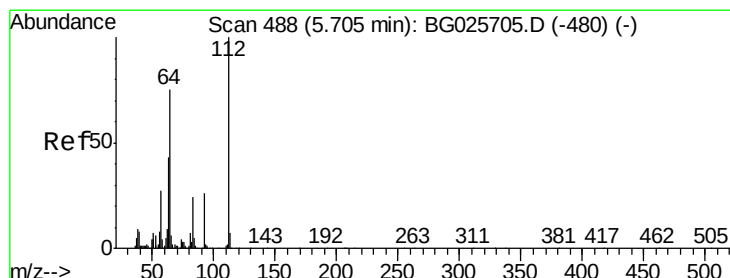
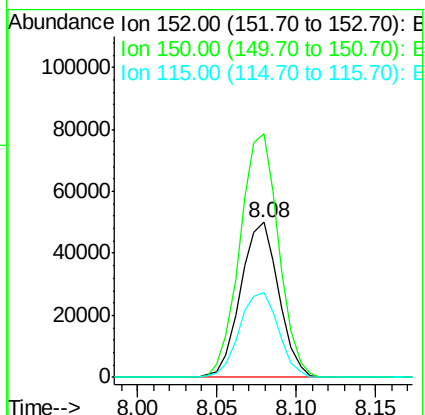
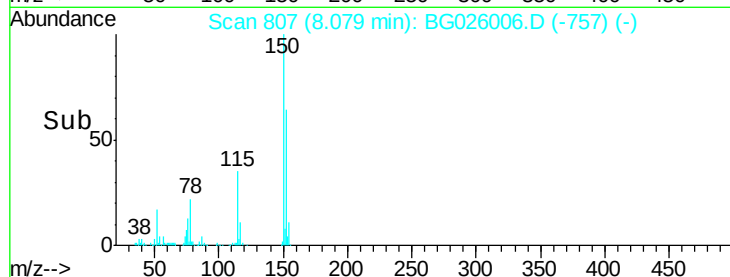
115 54.5 48.1 72.1



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: 83.27 ng

RT: 5.65 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG026006.D

Acq: 28 Feb 2017 20:58

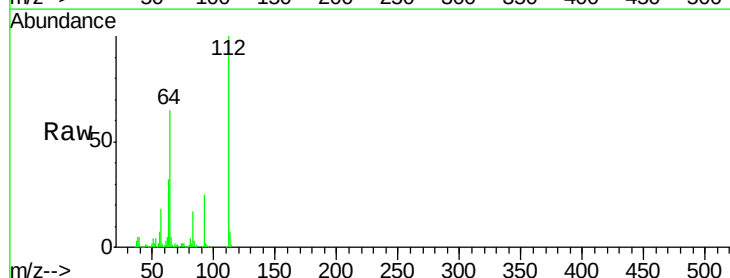
Tgt Ion:112 Resp: 398282

Ion Ratio Lower Upper

112 100

64 65.3 61.8 92.6

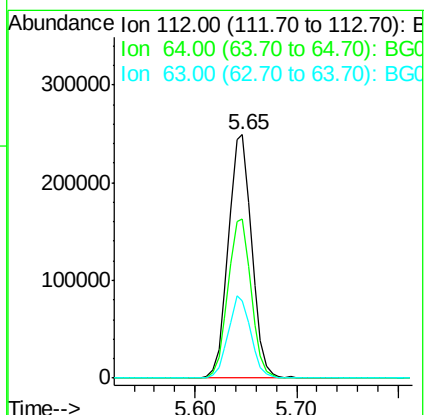
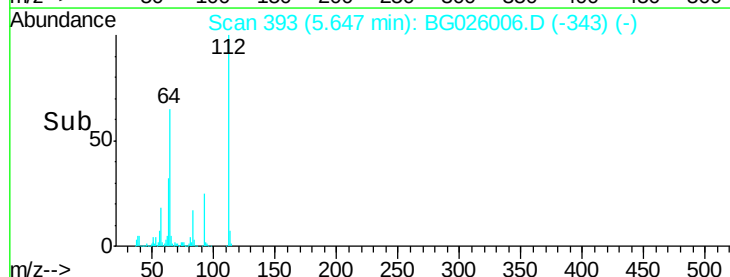
63 31.9 37.2 55.8#

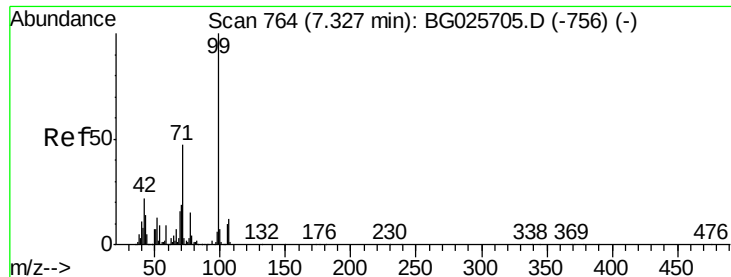


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 48.55 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG026006.D

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ClientSampleId :

CPS043055

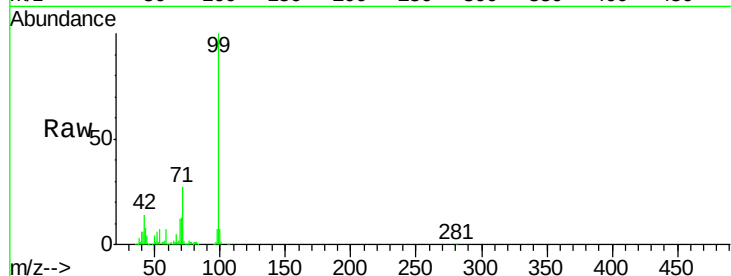
Tgt Ion: 99 Resp: 343630

Ion Ratio Lower Upper

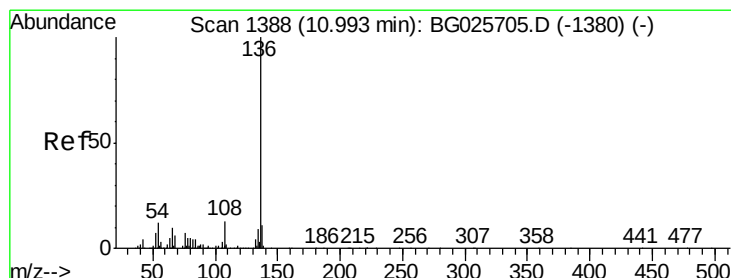
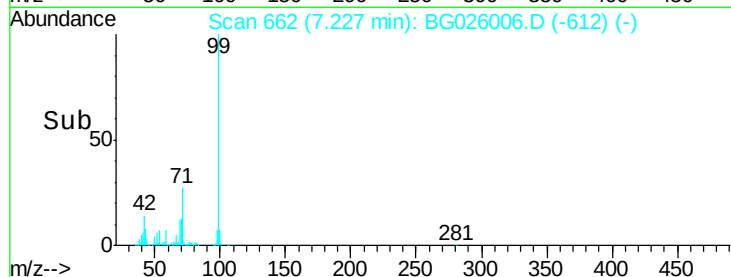
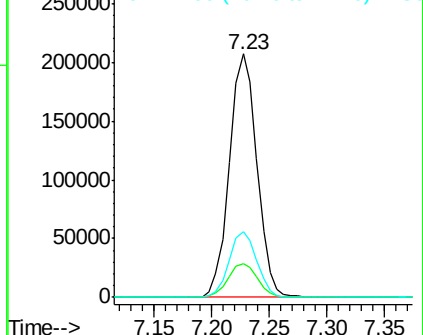
99 100

42 13.9 20.5 30.7#

71 27.1 37.6 56.4#



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: 10.88 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG026006.D

Acq: 28 Feb 2017 20:58

Tgt Ion: 136 Resp: 383740

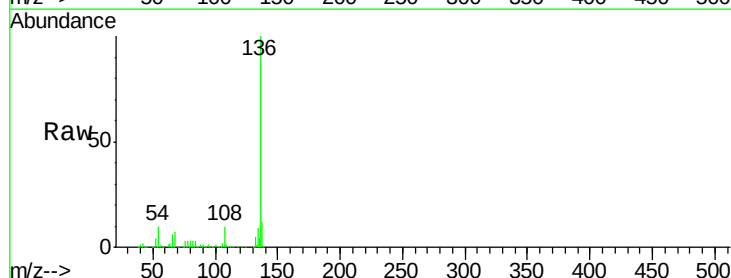
Ion Ratio Lower Upper

136 100

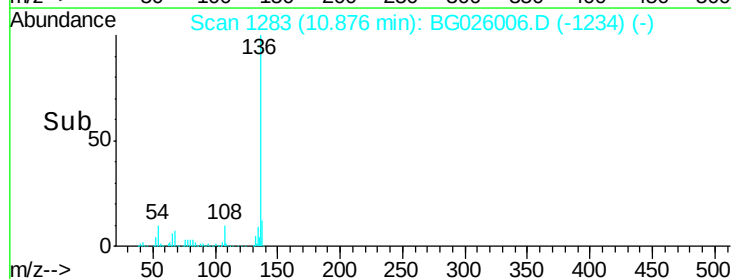
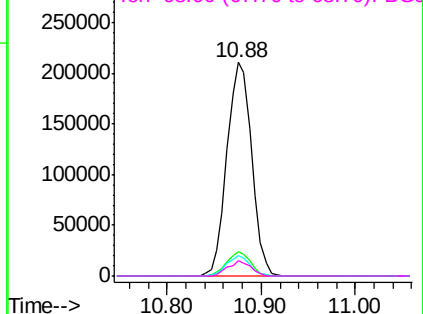
137 11.7 8.9 13.3

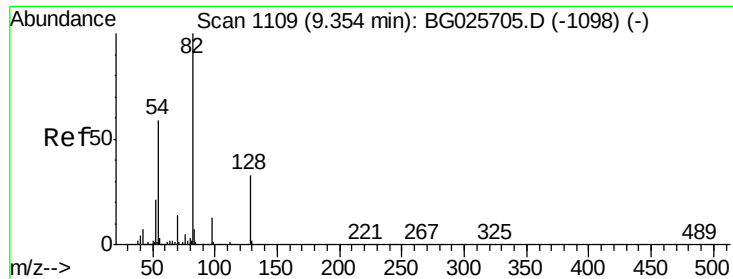
54 9.6 9.3 13.9

68 7.1 5.1 7.7



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

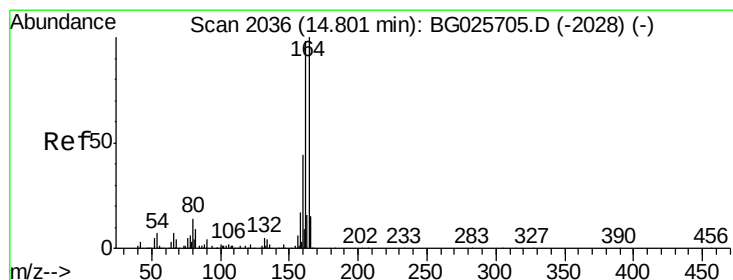
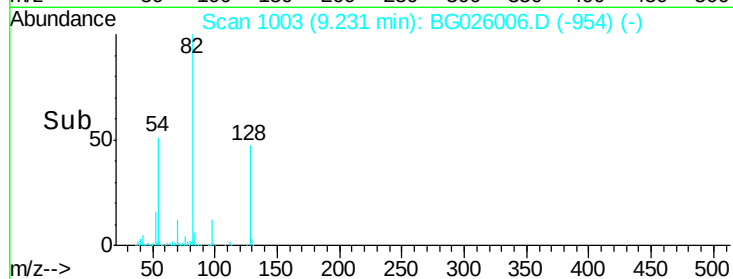
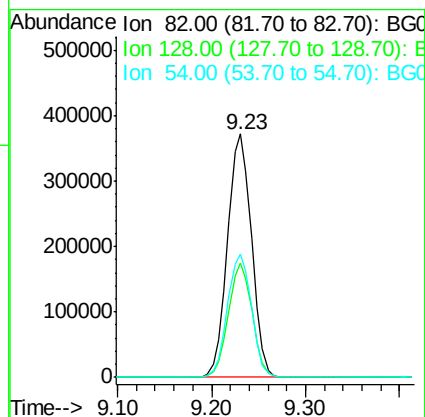
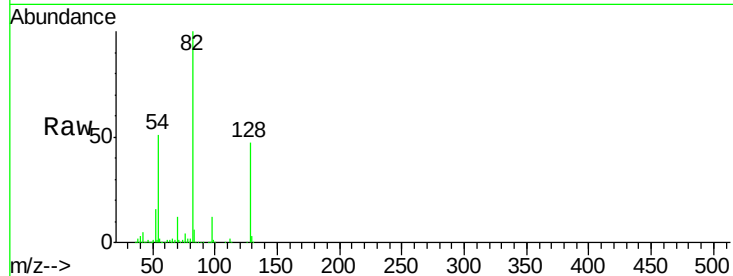




#23
 Nitrobenzene-d5
 Concen: 108.38 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG026006.D
 Acq: 28 Feb 2017 20:58

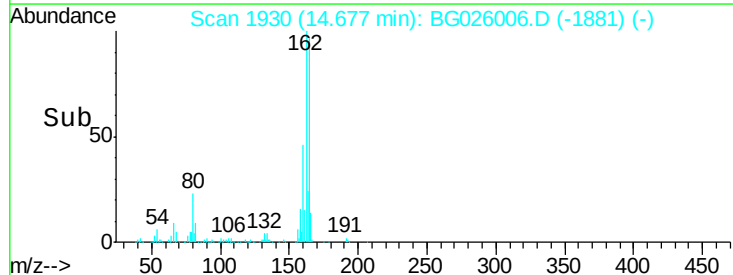
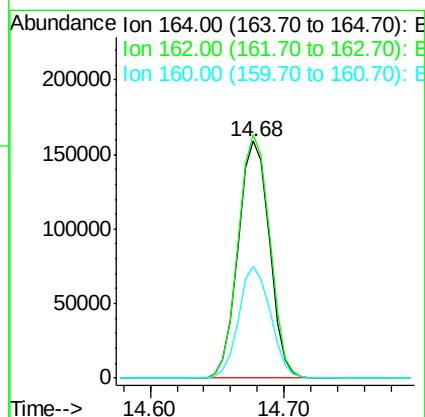
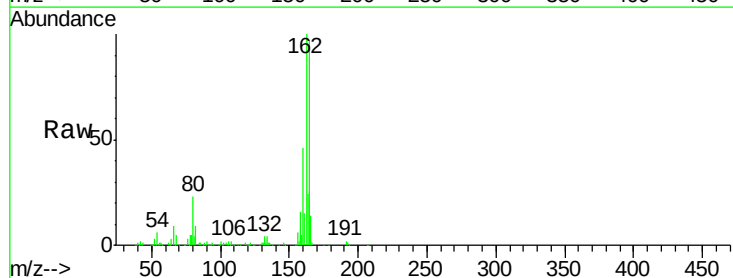
Instrument :
 BNA_G
 ClientSampleId :
 CPS043055

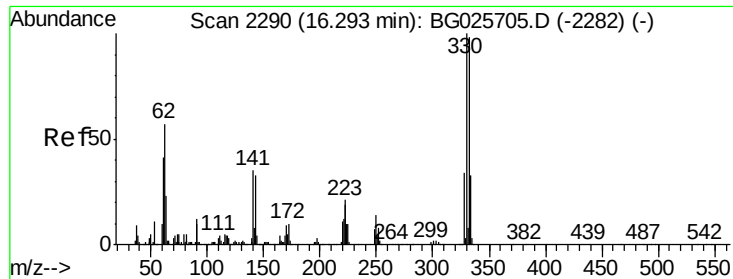
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.2	26.4	39.6
54	50.5	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BG026006.D
 Acq: 28 Feb 2017 20:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	85.1	127.7
160	47.1	34.7	52.1

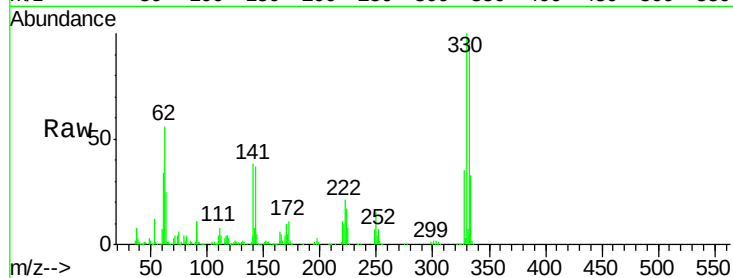




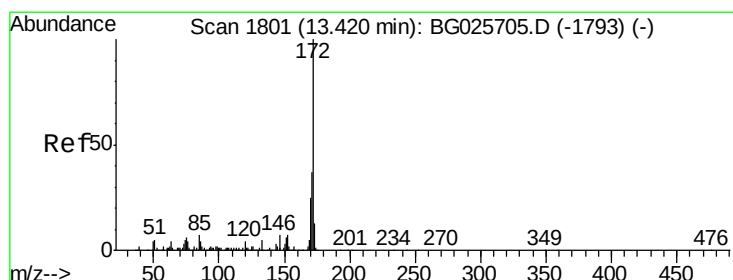
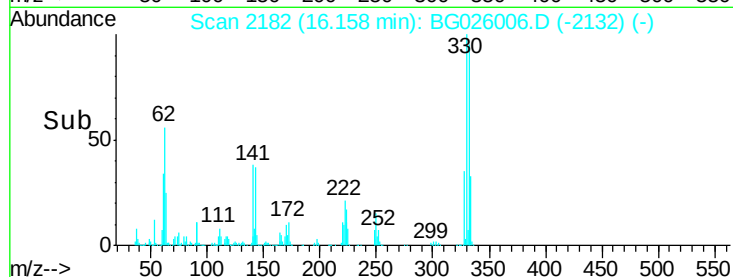
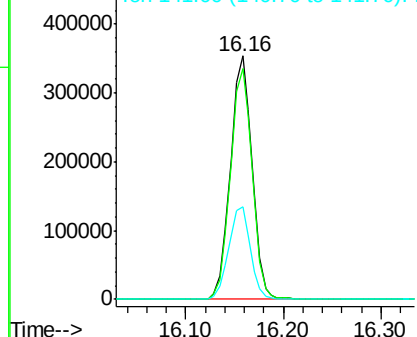
#41
 2,4,6-Tribromophenol
 Concen: 227.68 ng
 RT: 16.16 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BG026006.D
 Acq: 28 Feb 2017 20:58

Instrument :
 BNA_G
 ClientSampleId :
 CPS043055

Tgt Ion: 330 Resp: 542903
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.3 115.9
 141 38.6 32.1 48.1

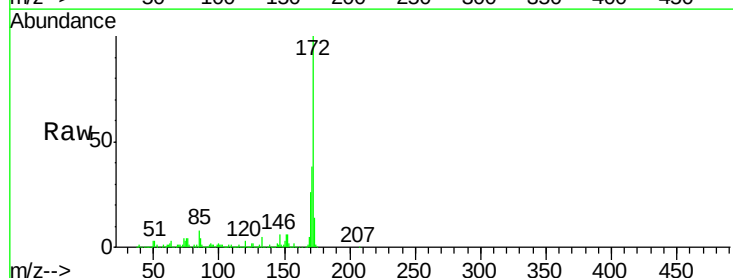


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

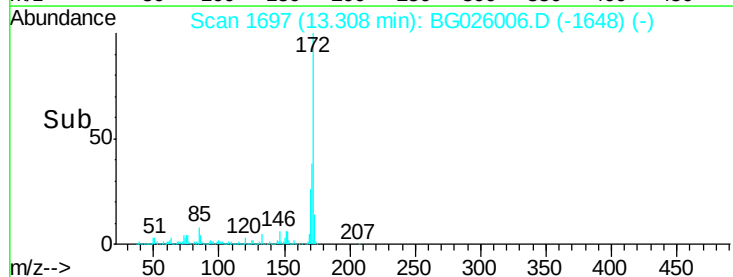
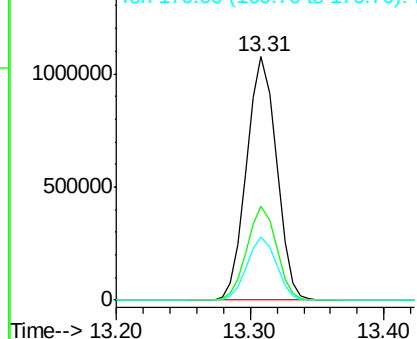


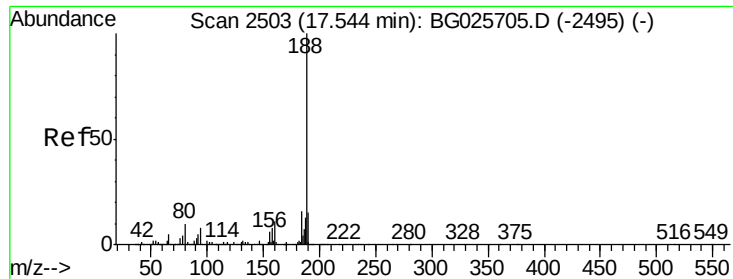
#44
 2-Fluorobiphenyl
 Concen: 113.01 ng
 RT: 13.31 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG026006.D
 Acq: 28 Feb 2017 20:58

Tgt Ion: 172 Resp: 1669221
 Ion Ratio Lower Upper
 172 100
 171 38.5 32.2 48.2
 170 25.8 21.8 32.6



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

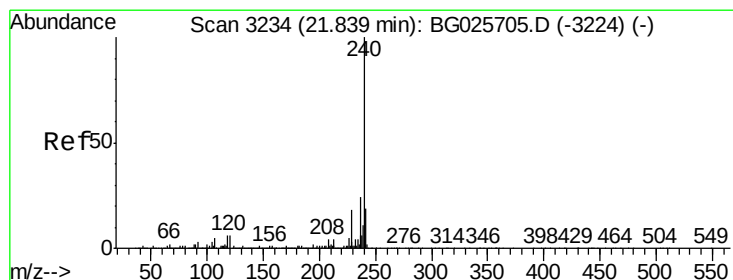
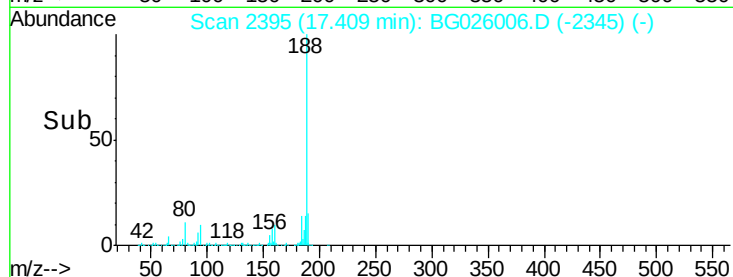
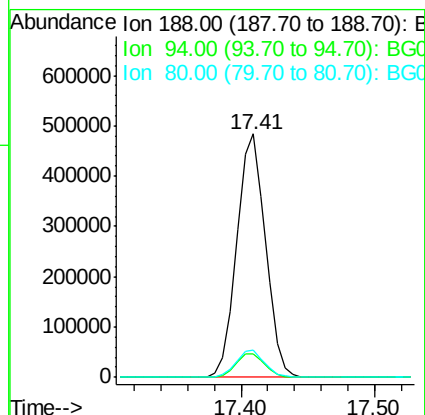
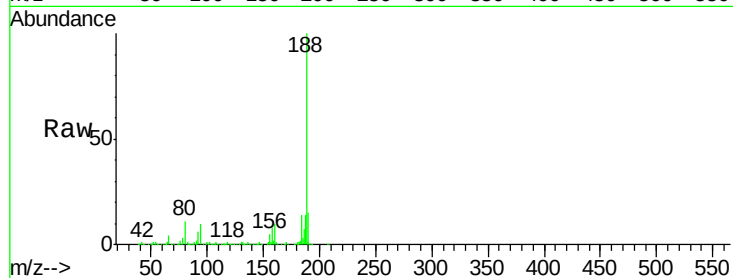




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BG026006.D
Acq: 28 Feb 2017 20:58

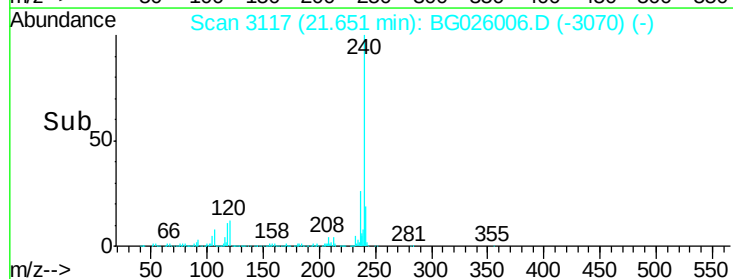
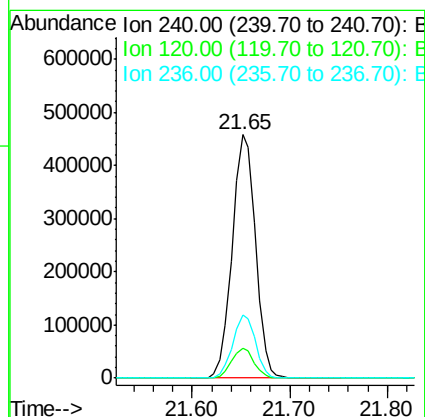
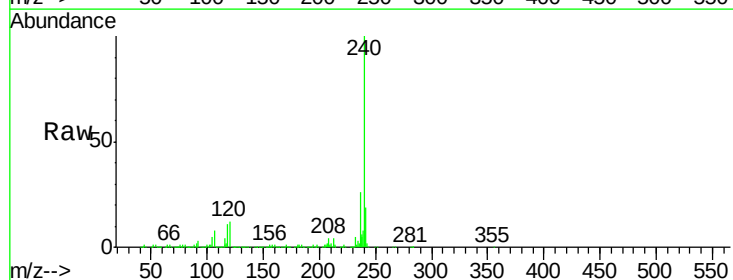
Instrument :
BNA_G
ClientSampleId :
CPS043055

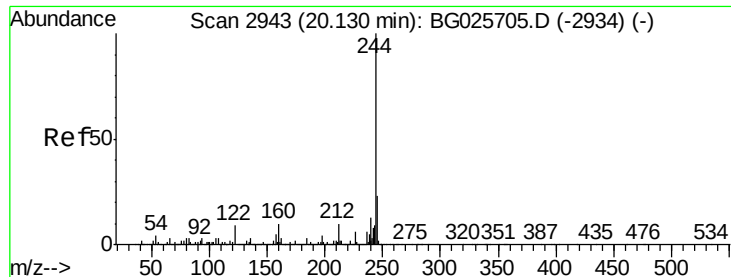
Tgt Ion:188 Resp: 721551
Ion Ratio Lower Upper
188 100
94 9.6 5.8 8.8#
80 11.2 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.65 min Scan# 3117
Delta R.T. -0.03 min
Lab File: BG026006.D
Acq: 28 Feb 2017 20:58

Tgt Ion:240 Resp: 756950
Ion Ratio Lower Upper
240 100
120 12.1 5.7 8.5#
236 26.1 22.2 33.4





#78

Terphenyl-d14

Concen: 86.89 ng

RT: 20.01 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BG026006.D

Acq: 28 Feb 2017 20:58

Instrument :

BNA_G

ClientSampleId :

CPS043055

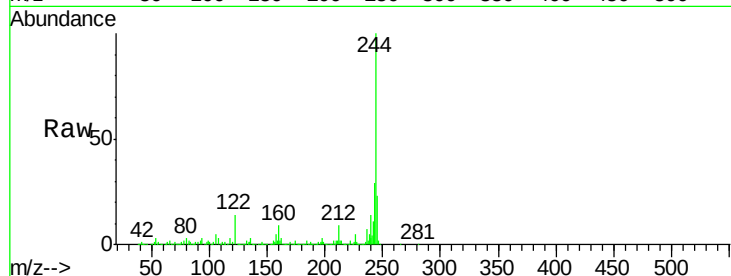
Tgt Ion:244 Resp: 2704168

Ion Ratio Lower Upper

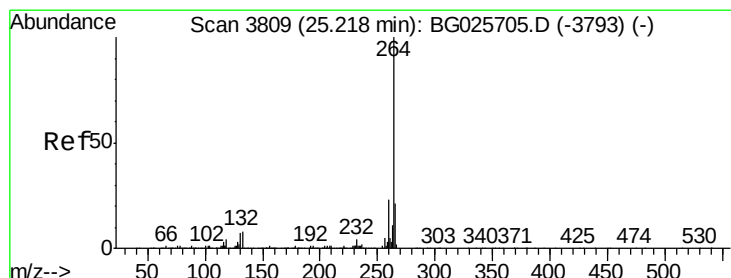
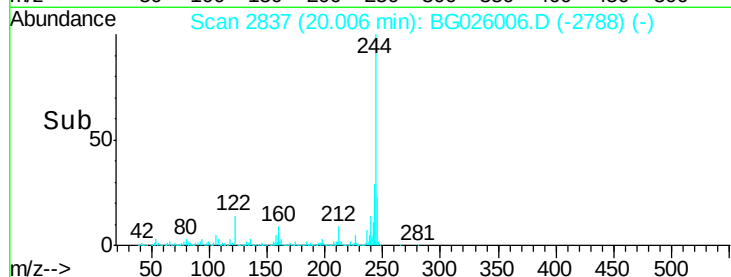
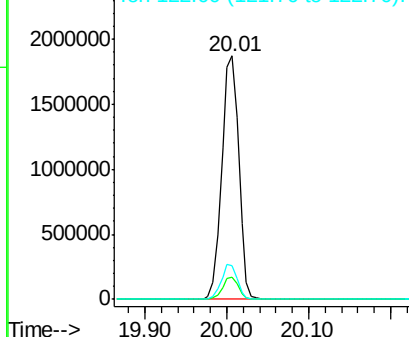
244 100

212 9.2 10.0 15.0#

122 14.0 8.6 12.8#



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: 24.85 min Scan# 3661

Delta R.T. -0.04 min

Lab File: BG026006.D

Acq: 28 Feb 2017 20:58

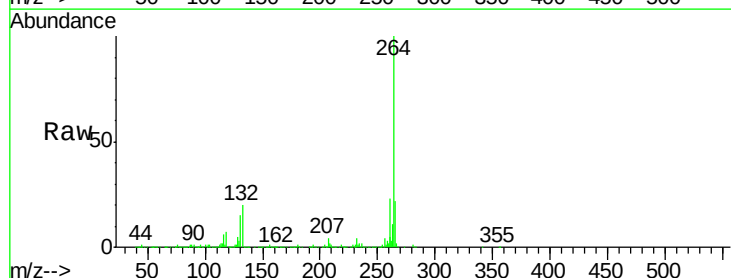
Tgt Ion:264 Resp: 715753

Ion Ratio Lower Upper

264 100

260 23.2 21.8 32.8

265 21.7 18.2 27.4



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

