

Data File : BG025966.D
Acq On : 27 Feb 2017 16:33
Operator : SJ/MA
Sample : PB97190BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB97190BL

Quant Time: Feb 27 23:58:07 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 15:48:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	79990	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	377790	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	251967	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	736116	20.00	ng	0.00
75) Chrysene-d12	21.66	240	799530	20.00	ng	-0.02
86) Perylene-d12	24.85	264	776237	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	729482	158.77	ng	0.00
7) Phenol-d6	7.23	99	1011295	148.74	ng	0.00
23) Nitrobenzene-d5	9.23	82	545258	91.08	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	481284	206.75	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1474077	102.23	ng	0.00
78) Terphenyl-d14	20.01	244	2536265	77.15	ng	-0.02

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

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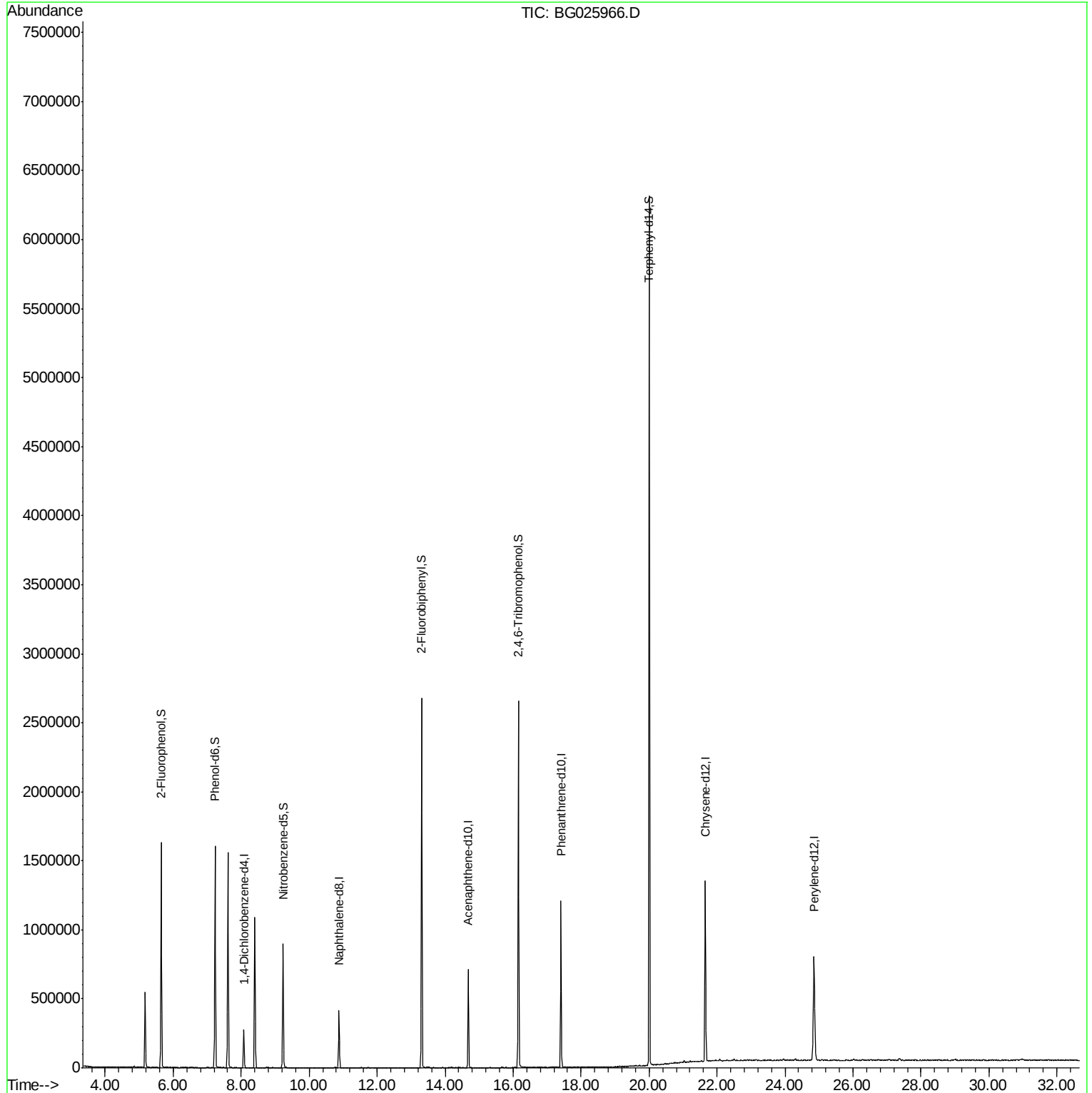
Quant Time: Feb 27 23:58:07 2017

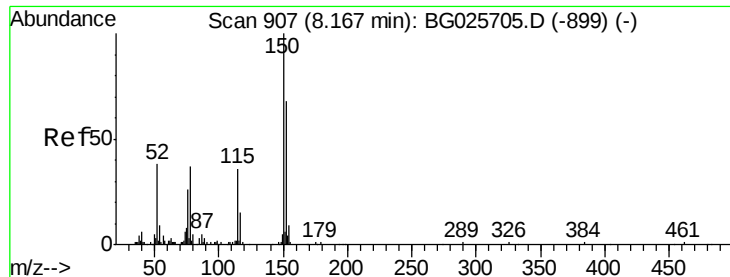
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M

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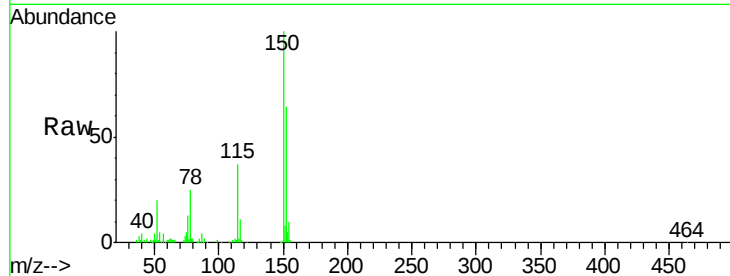


#1

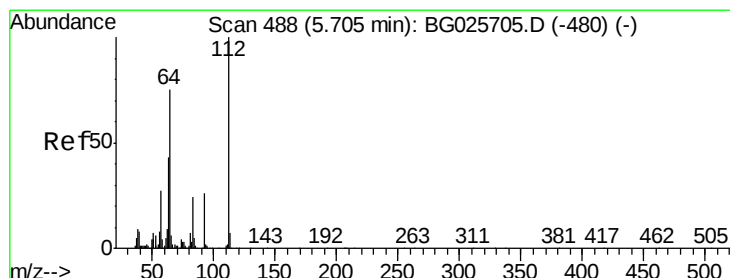
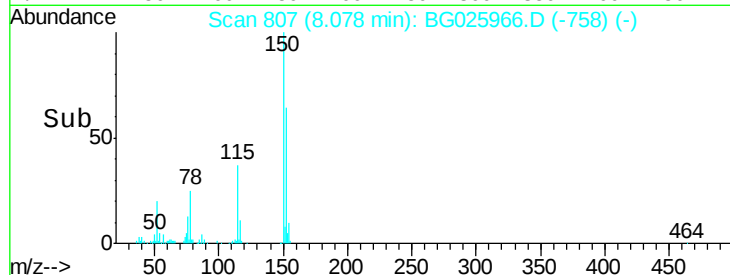
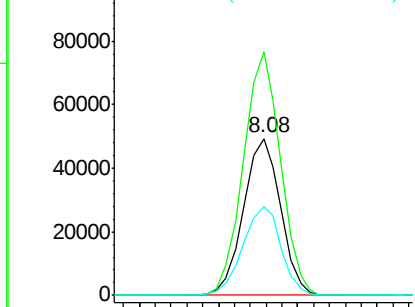
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG025966.D
Acq: 27 Feb 2017 16:33

Instrument :
BNA_G
ClientSampleId :
PB97190BL

Tgt Ion:152 Resp: 79990
Ion Ratio Lower Upper
152 100
150 155.4 114.0 171.0
115 56.8 48.1 72.1



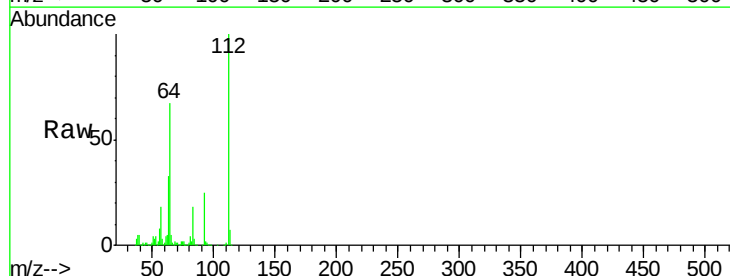
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



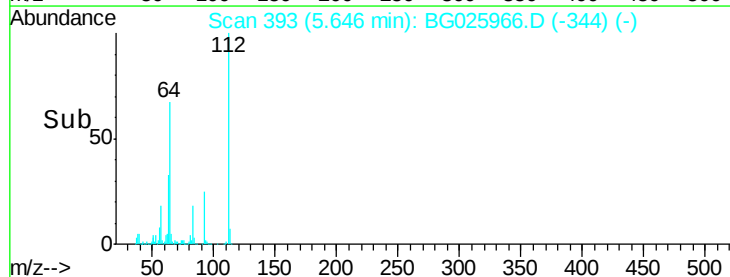
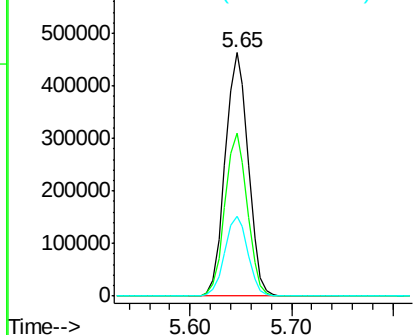
#5

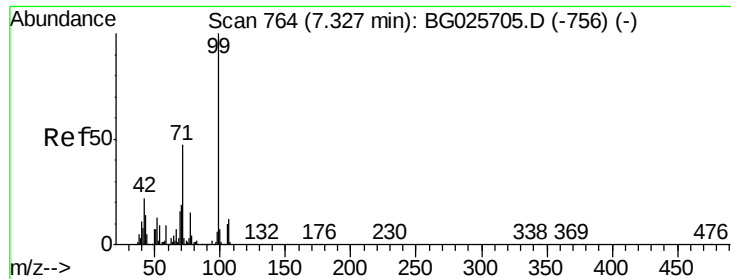
2-Fluorophenol
Concen: 158.77 ng
RT: 5.65 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG025966.D
Acq: 27 Feb 2017 16:33

Tgt Ion:112 Resp: 729482
Ion Ratio Lower Upper
112 100
64 67.1 61.8 92.6
63 32.9 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: 148.74 ng

RT: 7.23 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG025966.D

Acq: 27 Feb 2017 16:33

Instrument :

BNA_G

ClientSampleId :

PB97190BL

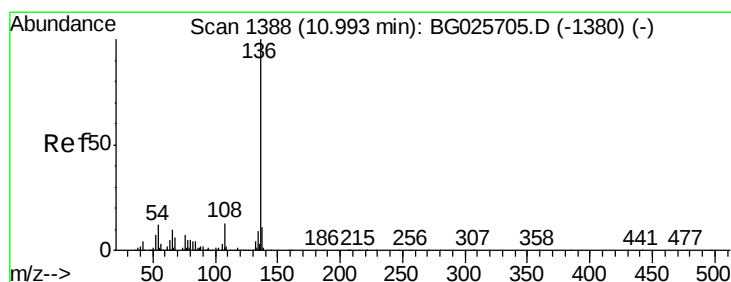
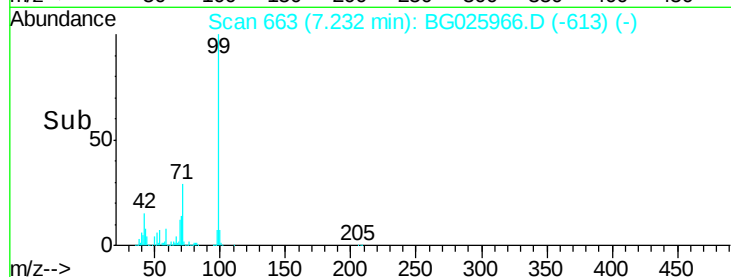
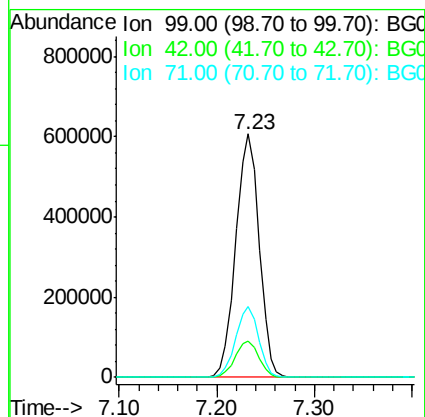
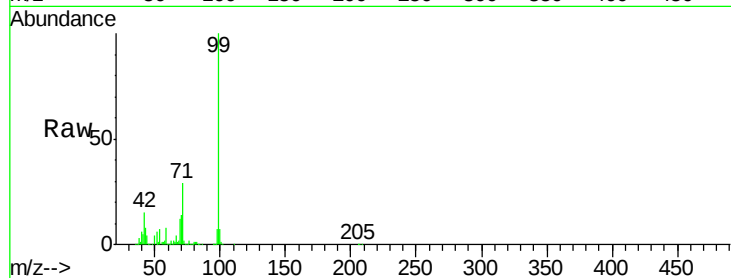
Tgt Ion: 99 Resp: 1011295

Ion Ratio Lower Upper

99 100

42 14.8 20.5 30.7#

71 28.9 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.87 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BG025966.D

Acq: 27 Feb 2017 16:33

Tgt Ion: 136 Resp: 377790

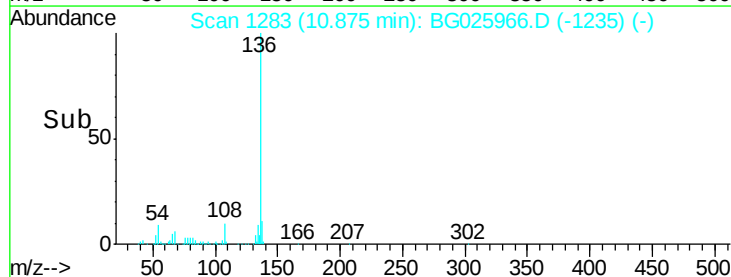
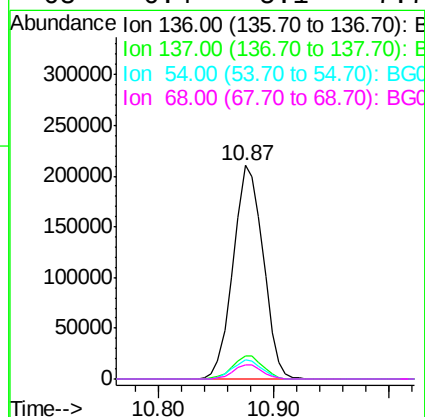
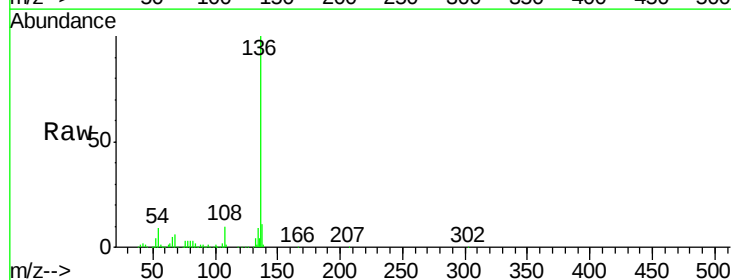
Ion Ratio Lower Upper

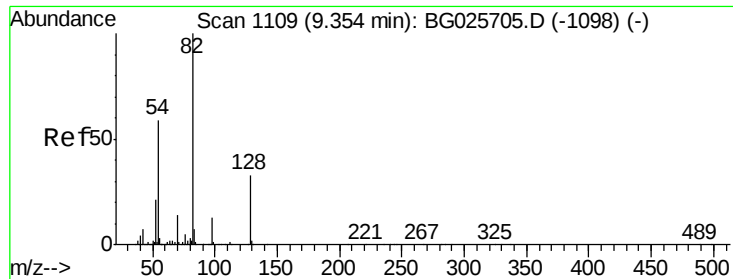
136 100

137 10.9 8.9 13.3

54 9.0 9.3 13.9#

68 6.4 5.1 7.7

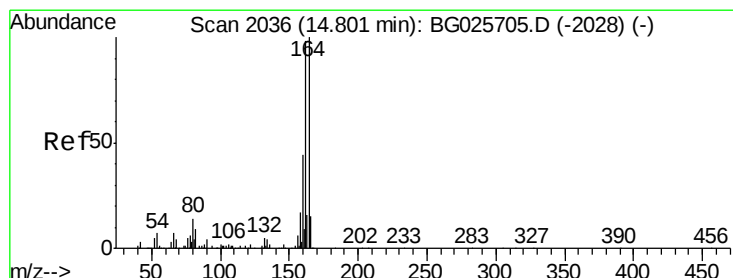
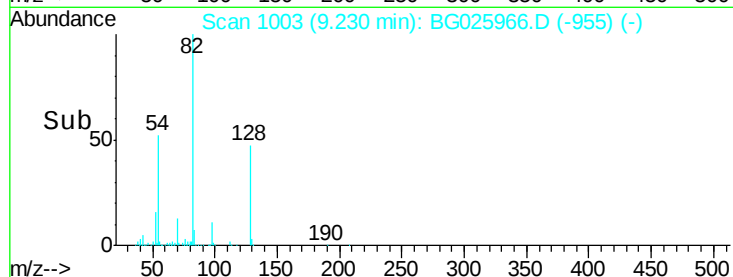
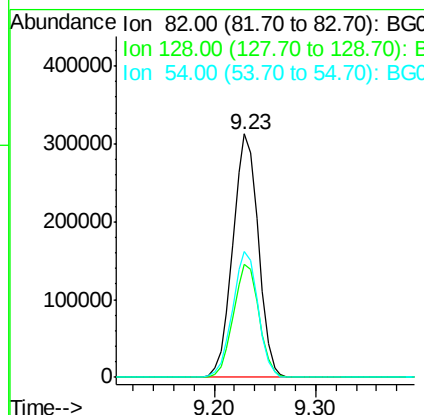
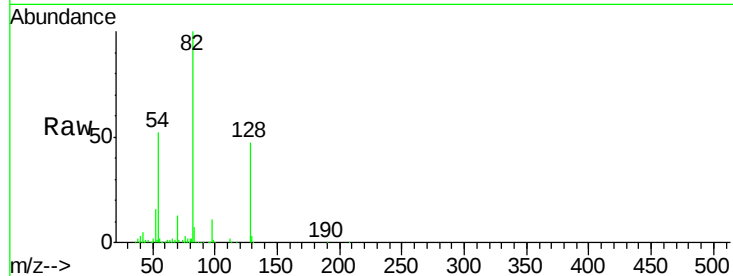




#23
 Nitrobenzene-d5
 Concen: 91.08 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.02 min
 Lab File: BG025966.D
 Acq: 27 Feb 2017 16:33

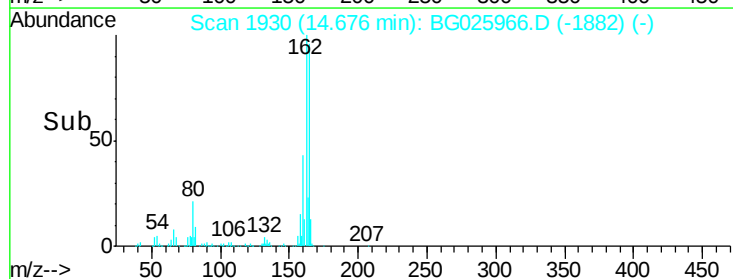
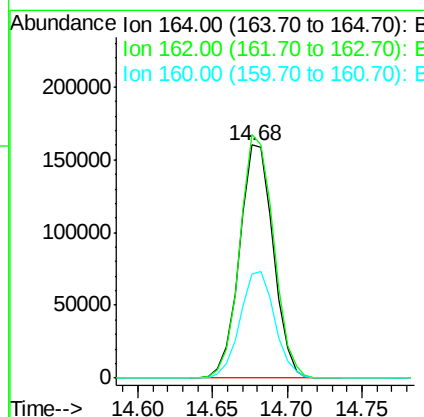
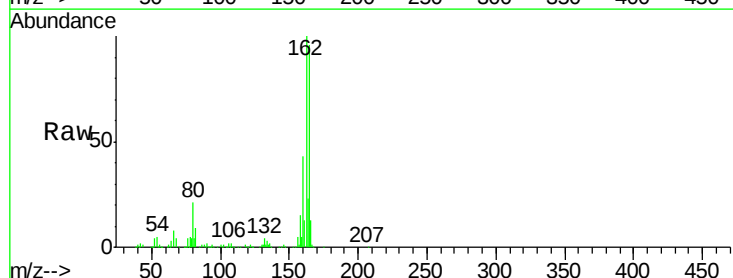
Instrument :
 BNA_G
 ClientSampleId :
 PB97190BL

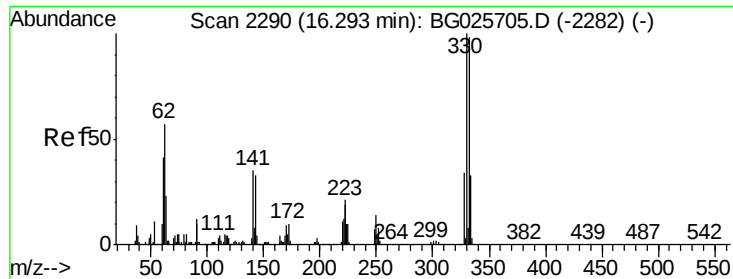
Tgt Ion: 82 Resp: 545258
 Ion Ratio Lower Upper
 82 100
 128 46.5 26.4 39.6#
 54 52.0 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1930
 Delta R.T. -0.02 min
 Lab File: BG025966.D
 Acq: 27 Feb 2017 16:33

Tgt Ion: 164 Resp: 251967
 Ion Ratio Lower Upper
 164 100
 162 104.5 85.1 127.7
 160 44.9 34.7 52.1

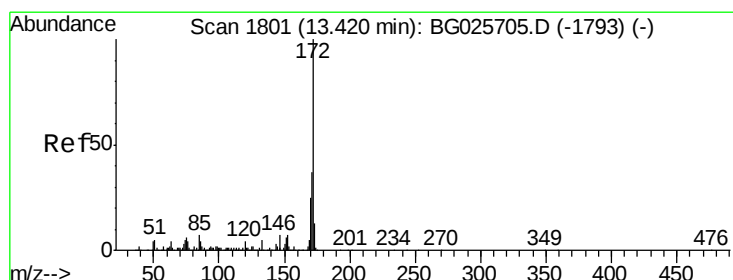
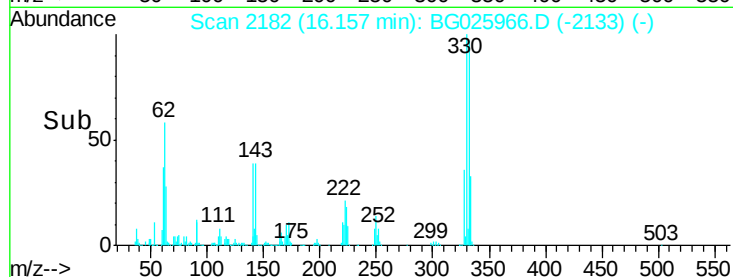
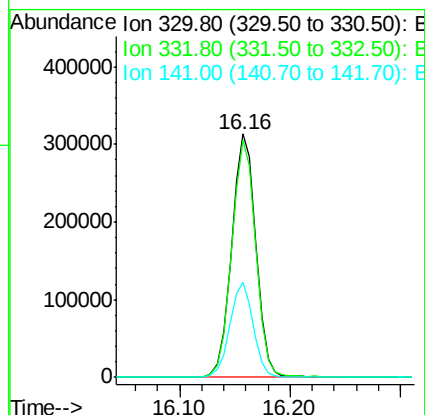
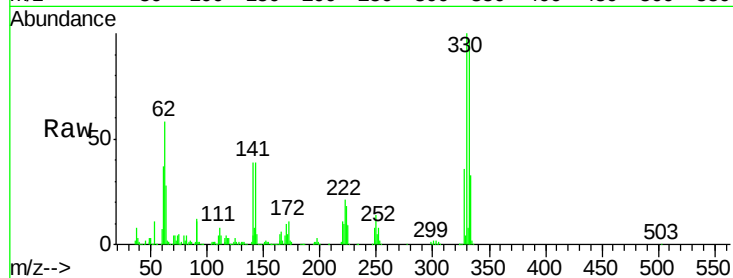




#41
 2,4,6-Tribromophenol
 Concen: 206.75 ng
 RT: 16.16 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BG025966.D
 Acq: 27 Feb 2017 16:33

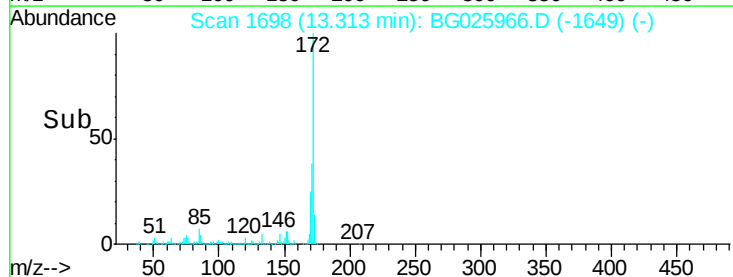
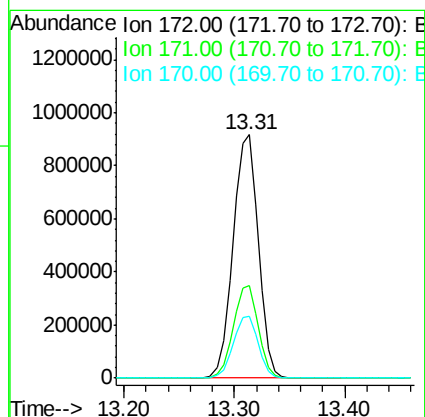
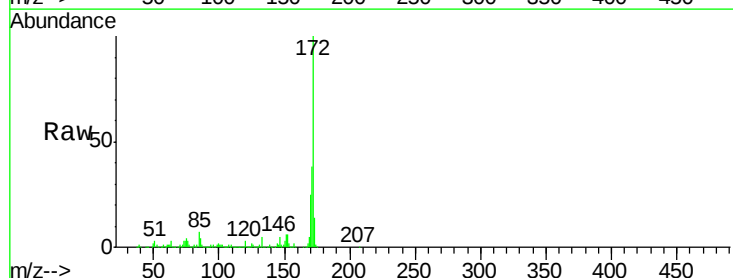
Instrument :
 BNA_G
 ClientSampleId :
 PB97190BL

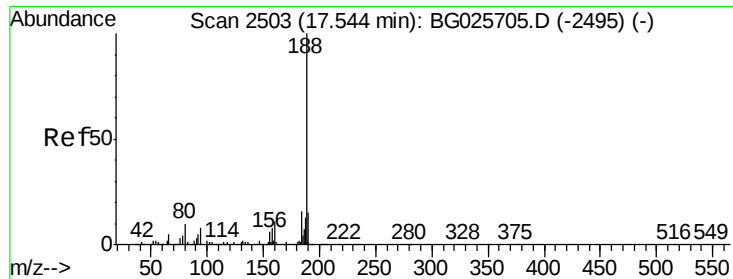
Tgt Ion:330 Resp: 481284
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 37.9 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 102.23 ng
 RT: 13.31 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG025966.D
 Acq: 27 Feb 2017 16:33

Tgt Ion:172 Resp: 1474077
 Ion Ratio Lower Upper
 172 100
 171 38.1 32.2 48.2
 170 25.4 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG025966.D

Acq: 27 Feb 2017 16:33

Instrument :

BNA_G

ClientSampleId :

PB97190BL

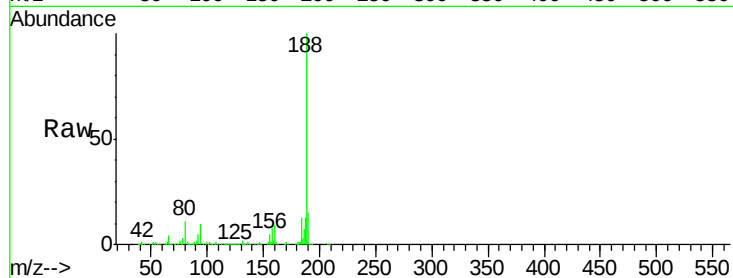
Tgt Ion:188 Resp: 736116

Ion Ratio Lower Upper

188 100

94 9.9 5.8 8.8#

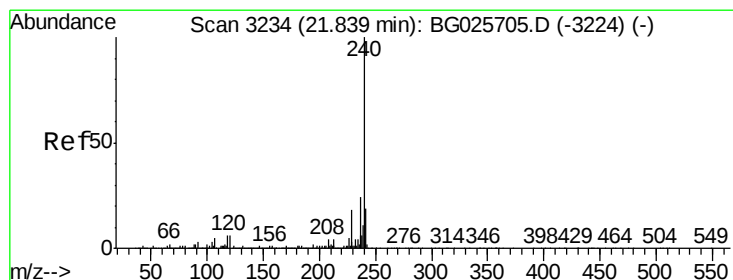
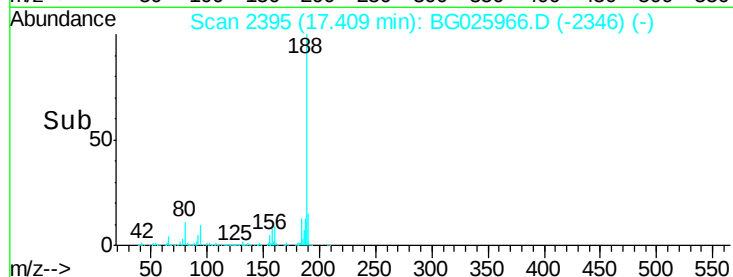
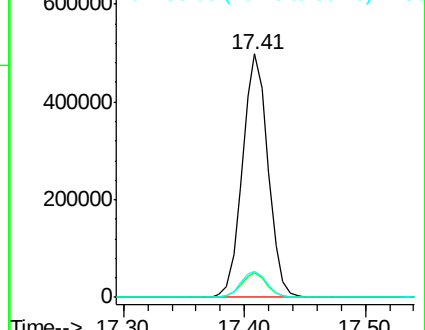
80 10.9 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.66 min Scan# 3118

Delta R.T. -0.02 min

Lab File: BG025966.D

Acq: 27 Feb 2017 16:33

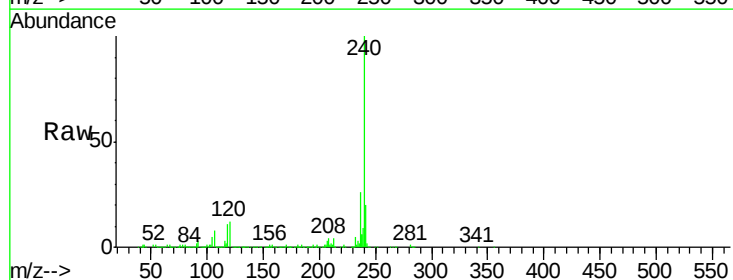
Tgt Ion:240 Resp: 799530

Ion Ratio Lower Upper

240 100

120 11.8 5.7 8.5#

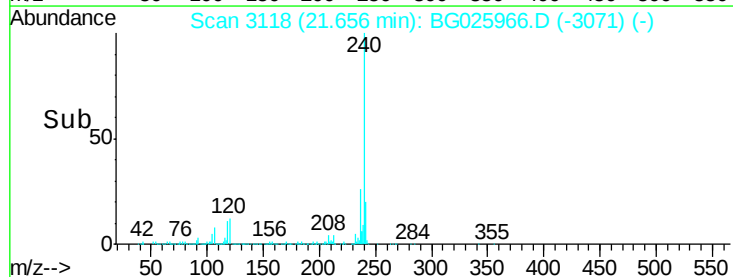
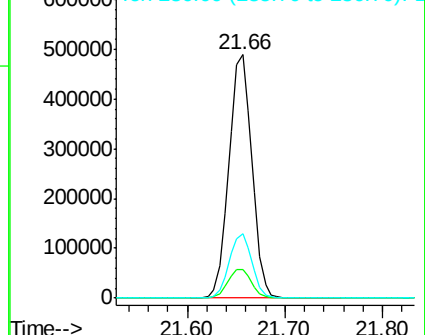
236 26.4 22.2 33.4

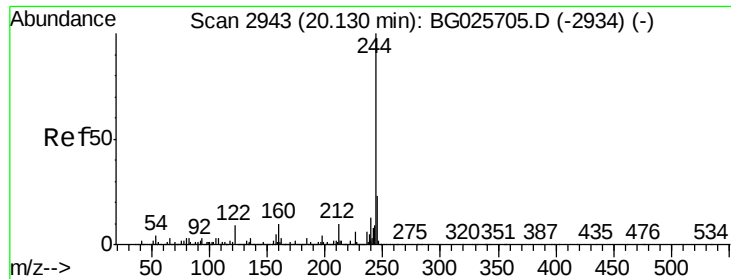


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.15 ng

RT: 20.01 min Scan# 2837

Delta R.T. -0.02 min

Lab File: BG025966.D

Acq: 27 Feb 2017 16:33

Instrument :

BNA_G

ClientSampleId :

PB97190BL

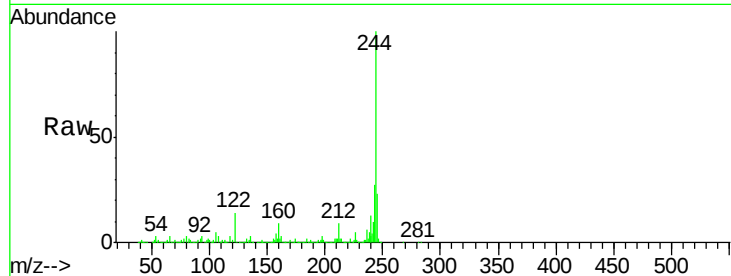
Tgt Ion:244 Resp: 2536265

Ion Ratio Lower Upper

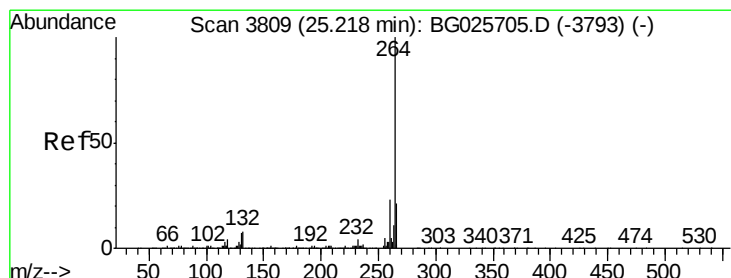
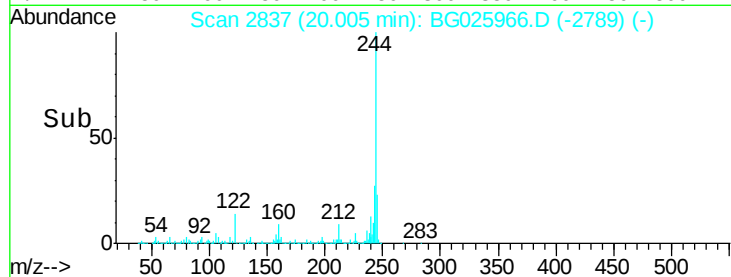
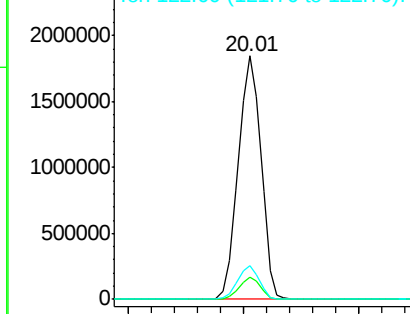
244 100

212 9.1 10.0 15.0#

122 14.1 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# 3662

Delta R.T. -0.03 min

Lab File: BG025966.D

Acq: 27 Feb 2017 16:33

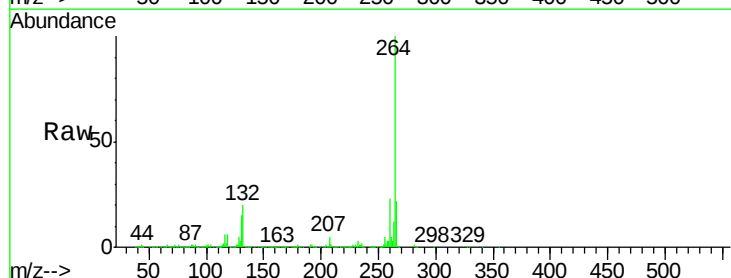
Tgt Ion:264 Resp: 776237

Ion Ratio Lower Upper

264 100

260 23.3 21.8 32.8

265 21.8 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

