

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022717\
 Data File : BG025993.D
 Acq On : 28 Feb 2017 10:18
 Operator : SJ/MA
 Sample : PB97190TB
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 28 12:13:25 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	92577	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	420180	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	297500	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	851296	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	902045	20.00	ng	-0.03
86) Perylene-d12	24.85	264	877274	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	825617	155.27	ng	0.00
7) Phenol-d6	7.23	99	1132298	143.90	ng	0.00
23) Nitrobenzene-d5	9.23	82	602921	90.55	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	576415	209.71	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1692804	99.43	ng	-0.01
78) Terphenyl-d14	20.01	244	2834140	76.42	ng	-0.01

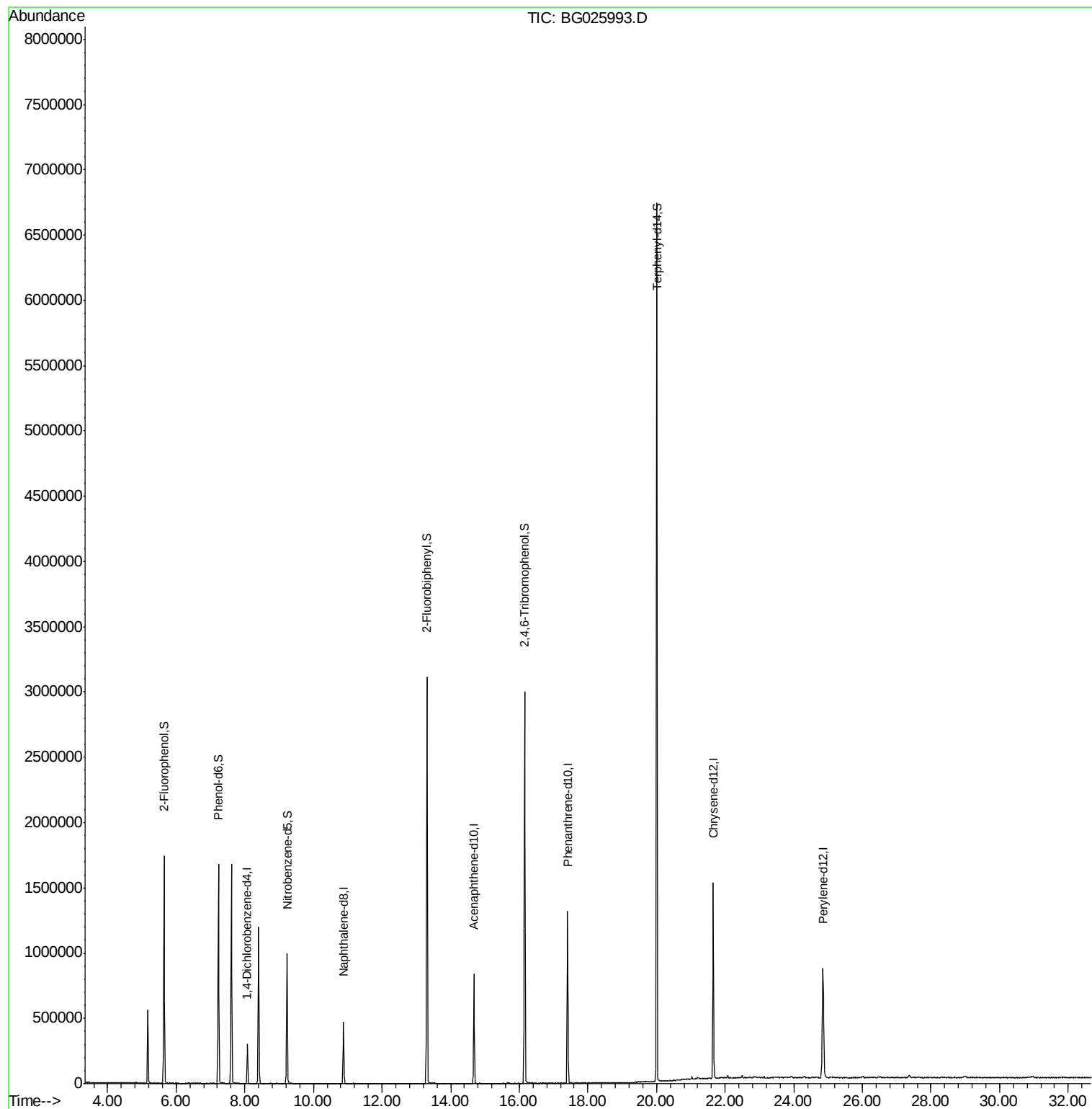
Target Compounds Qvalue

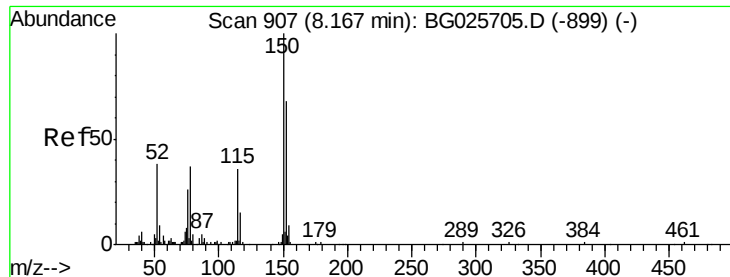
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 807

Delta R.T. -0.01 min

Lab File: BG025993.D

Acq: 28 Feb 2017 10:18

Instrument :

BNA_G

ClientSampleId :

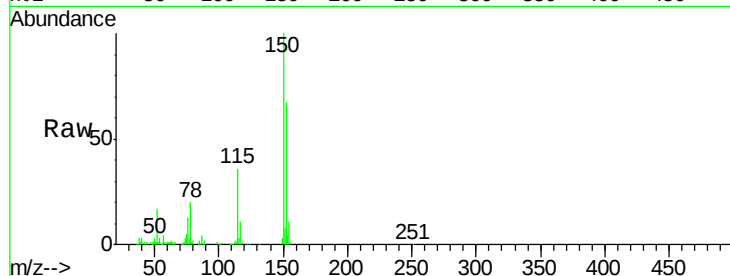
Tot Ion:152 Resp: 92577

Ion Ratio Lower Upper

152 100

150 149.0 114.0 171.0

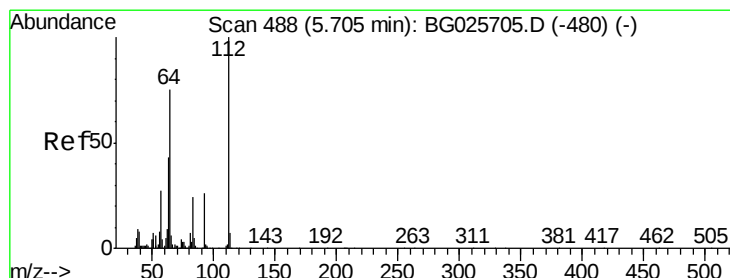
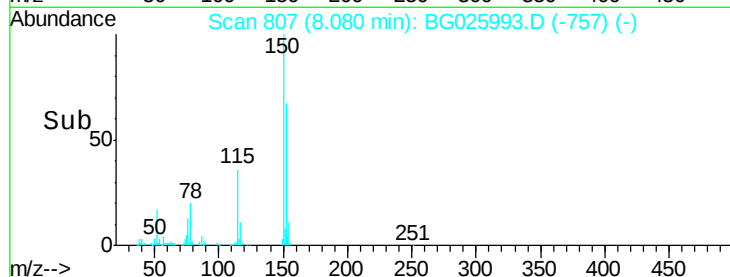
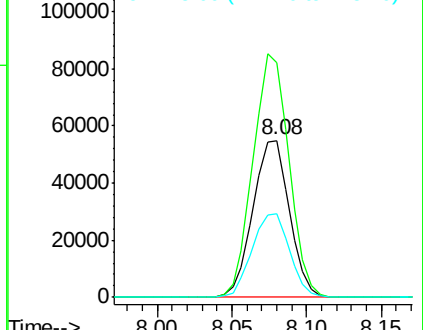
115 53.1 48.1 72.1



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: 155.27 ng

RT: 5.65 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG025993.D

Acq: 28 Feb 2017 10:18

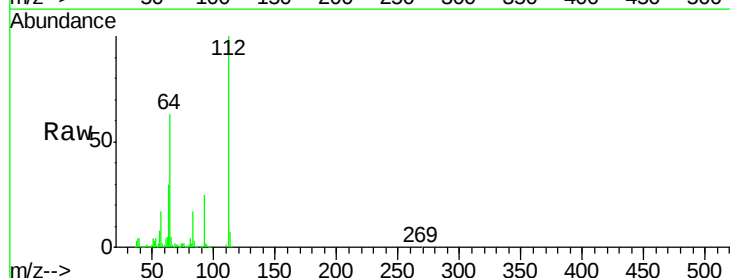
Tgt Ion:112 Resp: 825617

Ion Ratio Lower Upper

112 100

64 63.2 61.8 92.6

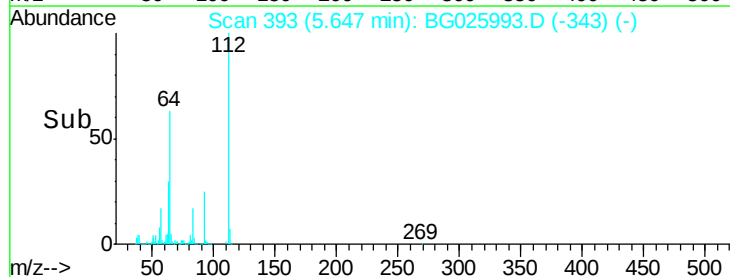
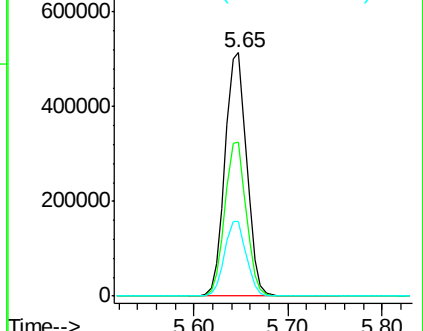
63 30.5 37.2 55.8#

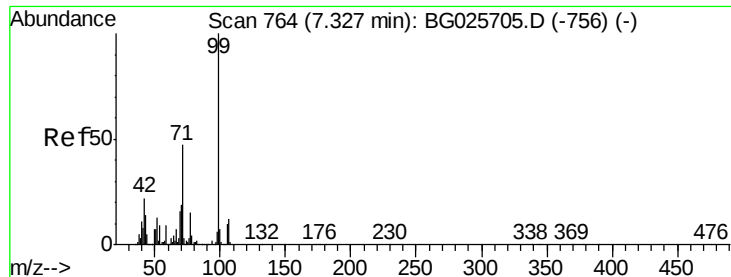


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 143.90 ng

RT: 7.23 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG025993.D

Acq: 28 Feb 2017 10:18

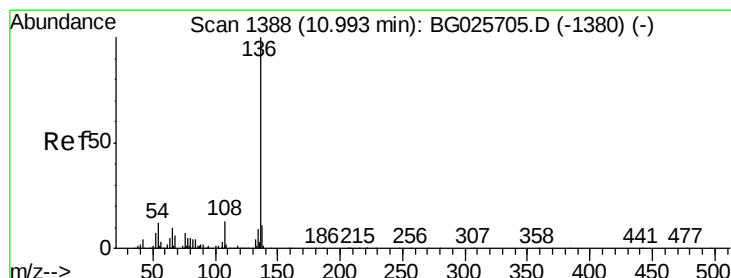
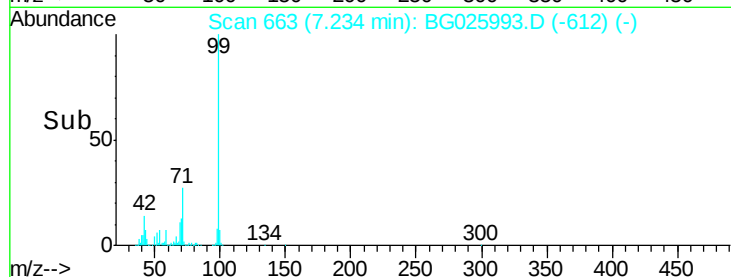
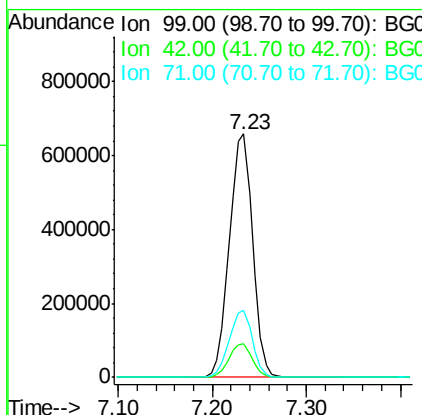
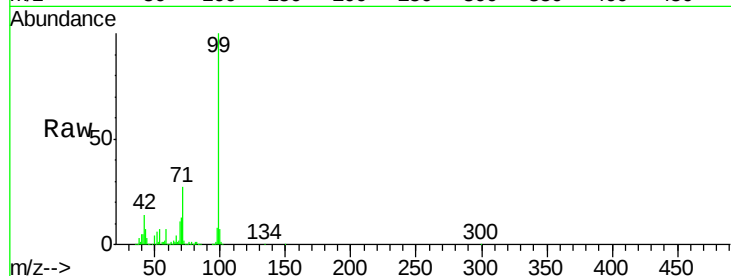
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1132298

Ion	Ratio	Lower	Upper
99	100		
42	13.9	20.5	30.7#
71	27.5	37.6	56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 1283

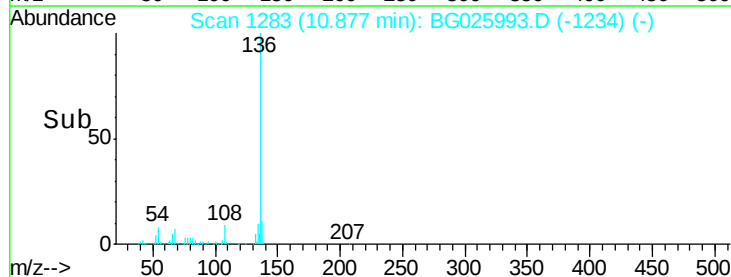
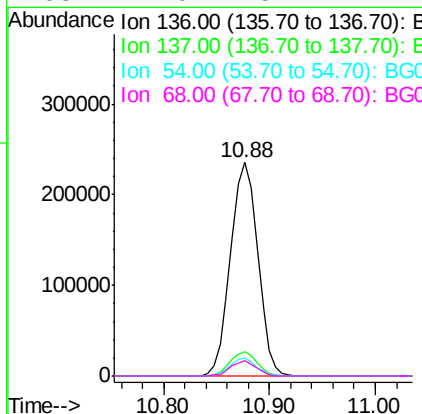
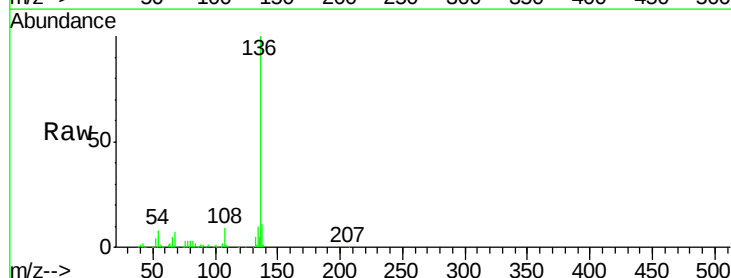
Delta R.T. -0.01 min

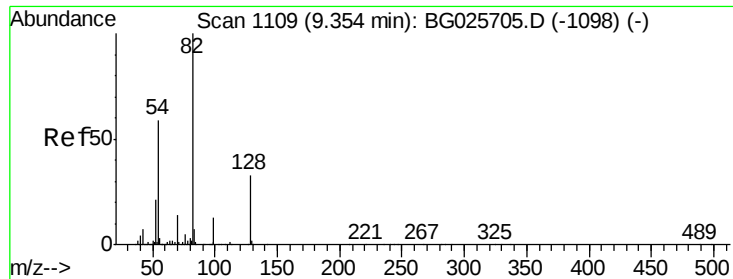
Lab File: BG025993.D

Acq: 28 Feb 2017 10:18

Tgt Ion: 136 Resp: 420180

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.4	9.3	13.9#
68	7.0	5.1	7.7

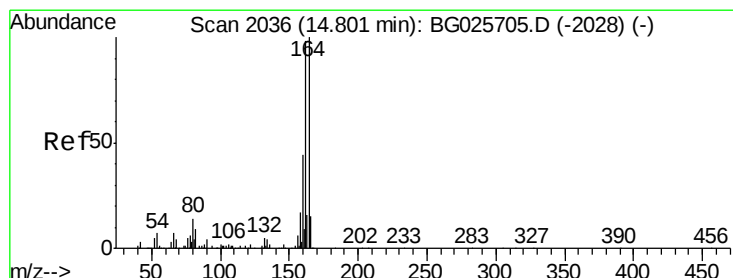
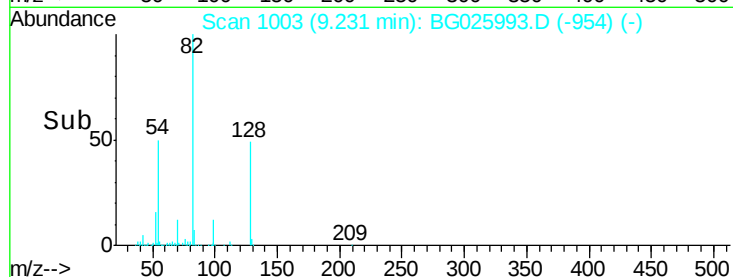
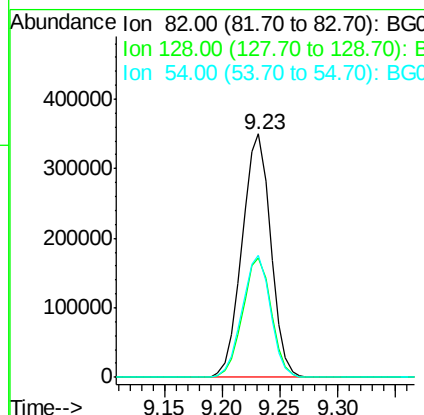
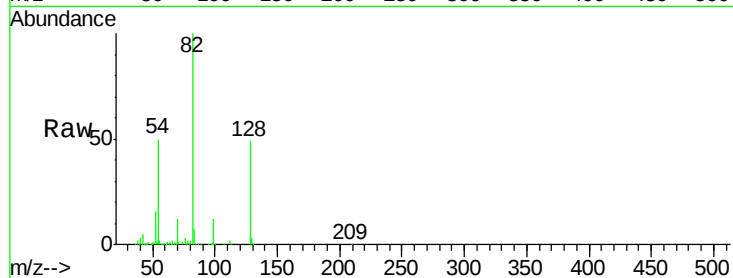




#23
Nitrobenzene-d5
Concen: 90.55 ng
RT: 9.23 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG025993.D
Acq: 28 Feb 2017 10:18

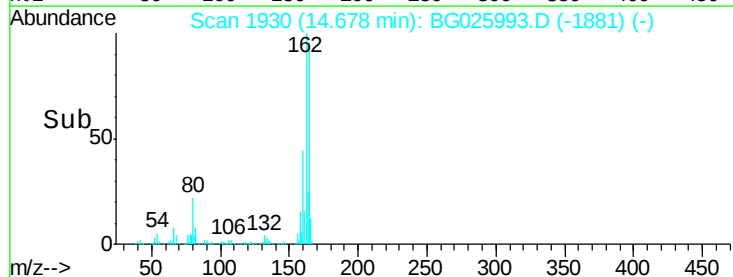
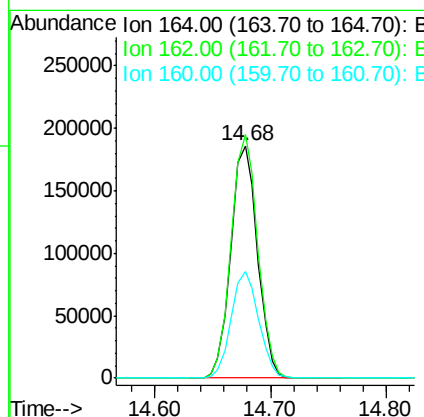
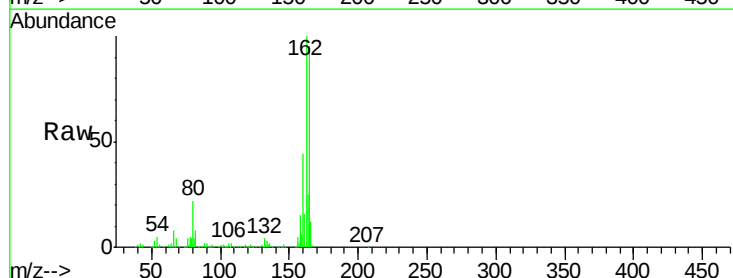
Instrument :
BNA_G
ClientSampleId :

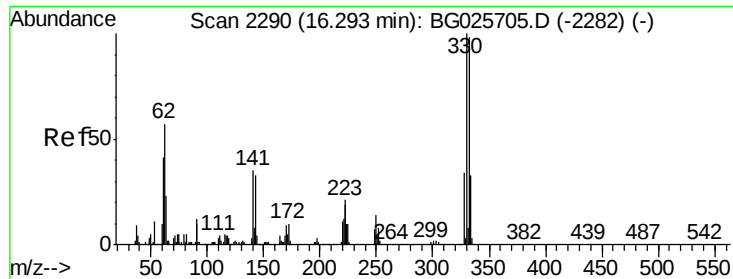
Tot Ion	82	Resp	602921
Ion Ratio	100	Lower	Upper
128	49.2	26.4	39.6
54	50.1	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BG025993.D
Acq: 28 Feb 2017 10:18

Tgt Ion	164	Resp	297500
Ion Ratio	100	Lower	Upper
162	104.9	85.1	127.7
160	46.1	34.7	52.1

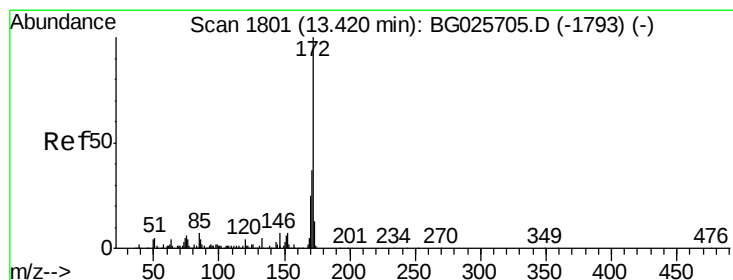
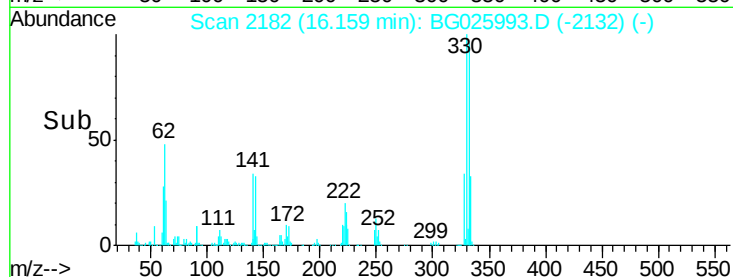
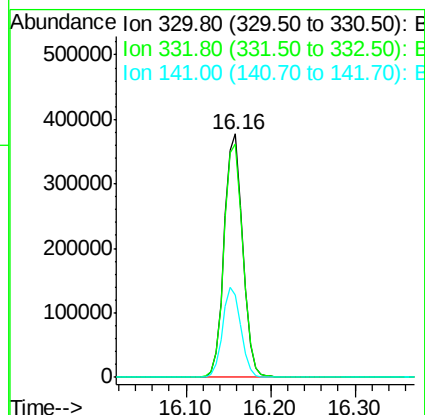
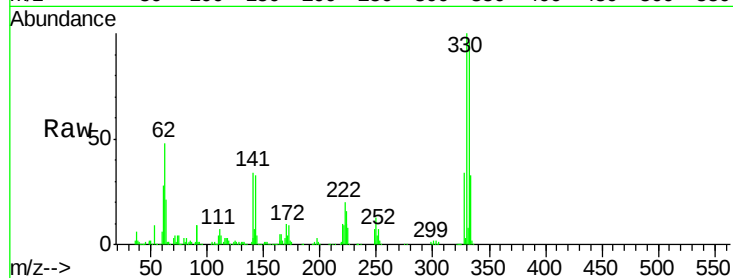




#41
 2,4,6-Tribromophenol
 Concen: 209.71 ng
 RT: 16.16 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BG025993.D
 Acq: 28 Feb 2017 10:18

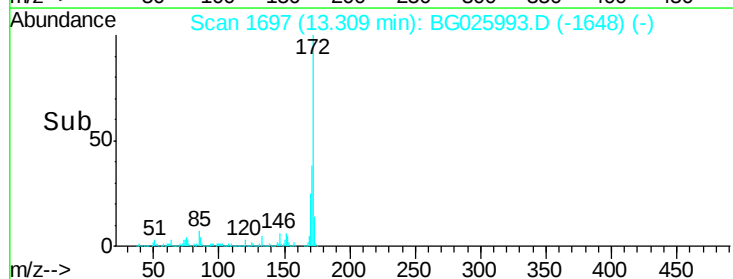
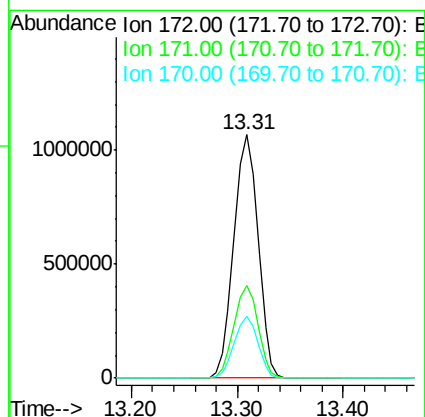
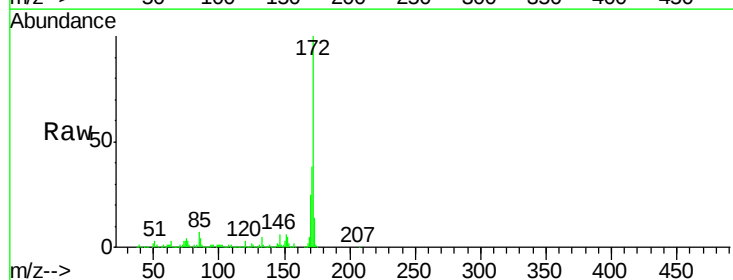
Instrument :
 BNA_G
 ClientSampled :

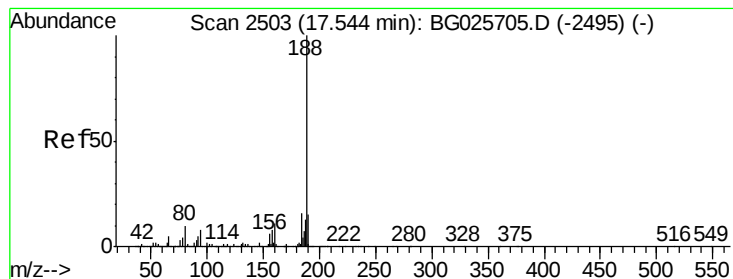
Tot Ion:330 Resp: 576415
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.3 115.9
 141 36.7 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 99.43 ng
 RT: 13.31 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG025993.D
 Acq: 28 Feb 2017 10:18

Tgt Ion:172 Resp: 1692804
 Ion Ratio Lower Upper
 172 100
 171 38.0 32.2 48.2
 170 25.2 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.40 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BG025993.D

Acq: 28 Feb 2017 10:18

Instrument :

BNA_G

ClientSampleId :

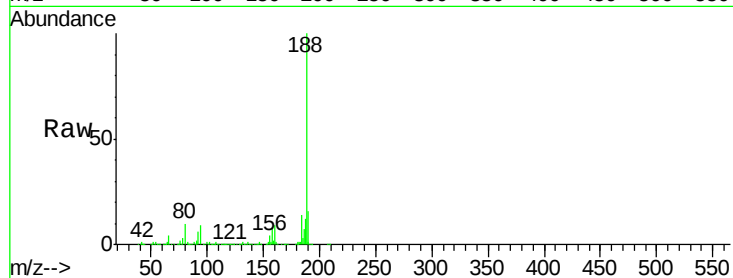
Tot Ion:188 Resp: 851296

Ion Ratio Lower Upper

188 100

94 9.1 5.8 8.8#

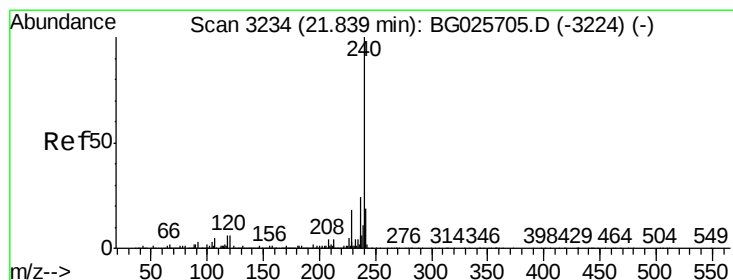
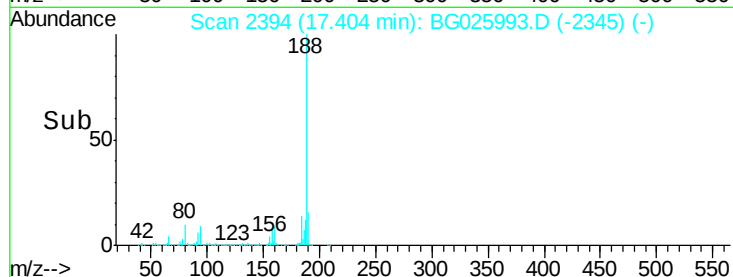
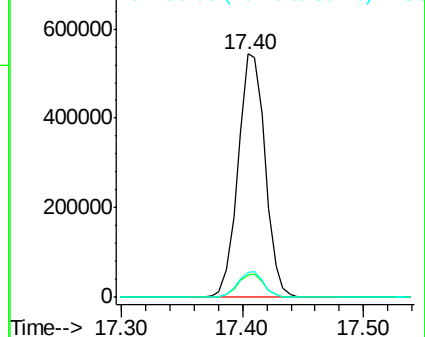
80 10.3 7.5 11.3



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: 21.65 min Scan# 3117

Delta R.T. -0.03 min

Lab File: BG025993.D

Acq: 28 Feb 2017 10:18

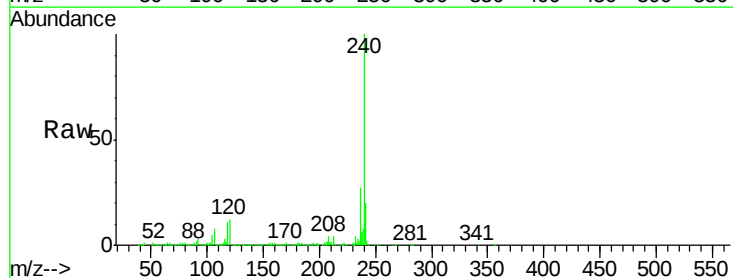
Tgt Ion:240 Resp: 902045

Ion Ratio Lower Upper

240 100

120 11.5 5.7 8.5#

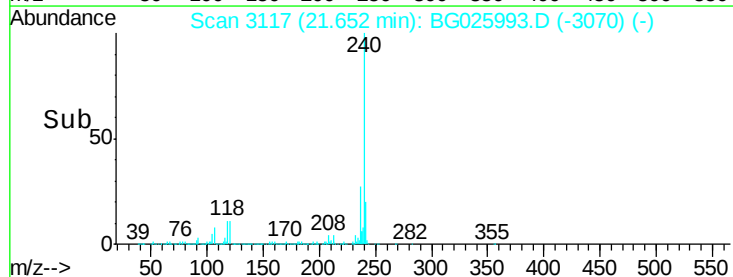
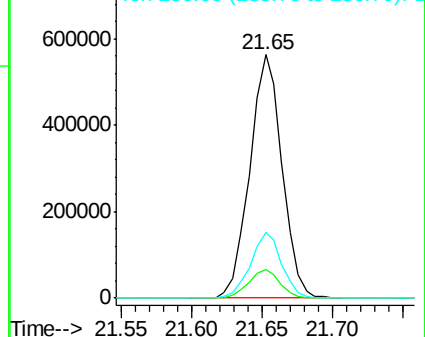
236 26.8 22.2 33.4

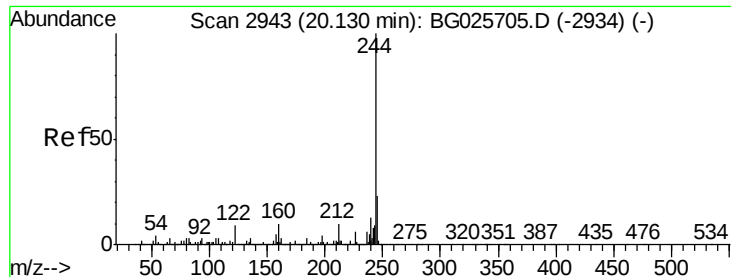


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.42 ng

RT: 20.01 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BG025993.D

Acq: 28 Feb 2017 10:18

Instrument :

BNA_G

ClientSampleId :

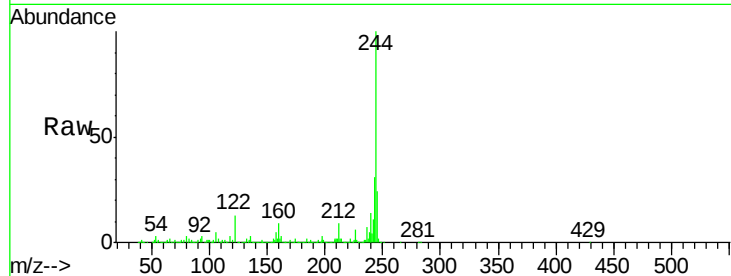
Tot Ion:244 Resp: 2834140

Ion Ratio Lower Upper

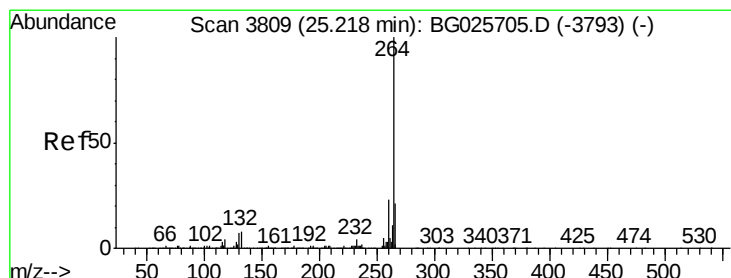
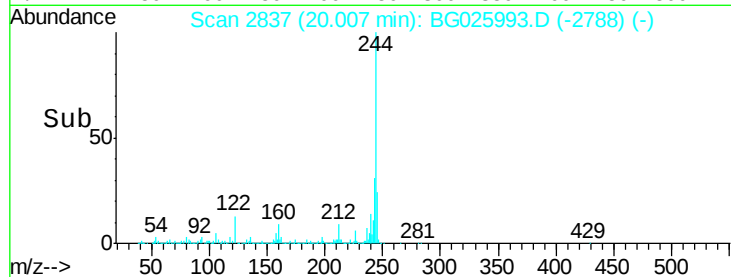
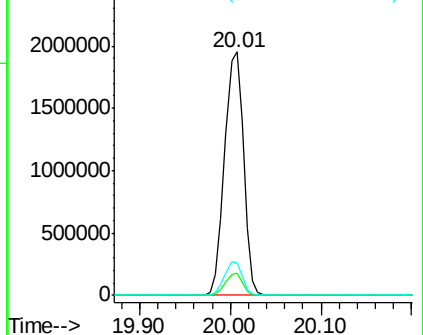
244 100

212 9.2 10.0 15.0#

122 13.4 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: BG025993.D

Acq: 28 Feb 2017 10:18

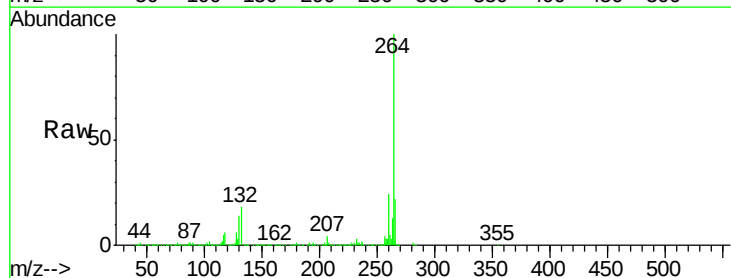
Tgt Ion:264 Resp: 877274

Ion Ratio Lower Upper

264 100

260 24.0 21.8 32.8

265 22.0 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

