

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071915\
 Data File : BG017972.D
 Acq On : 20 Jul 2015 00:05
 Operator : TP/UM
 Sample : G2966-05
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PO004

Quant Time: Jul 20 03:47:40 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 01:50:30 2015
 Response via : Initial Calibration

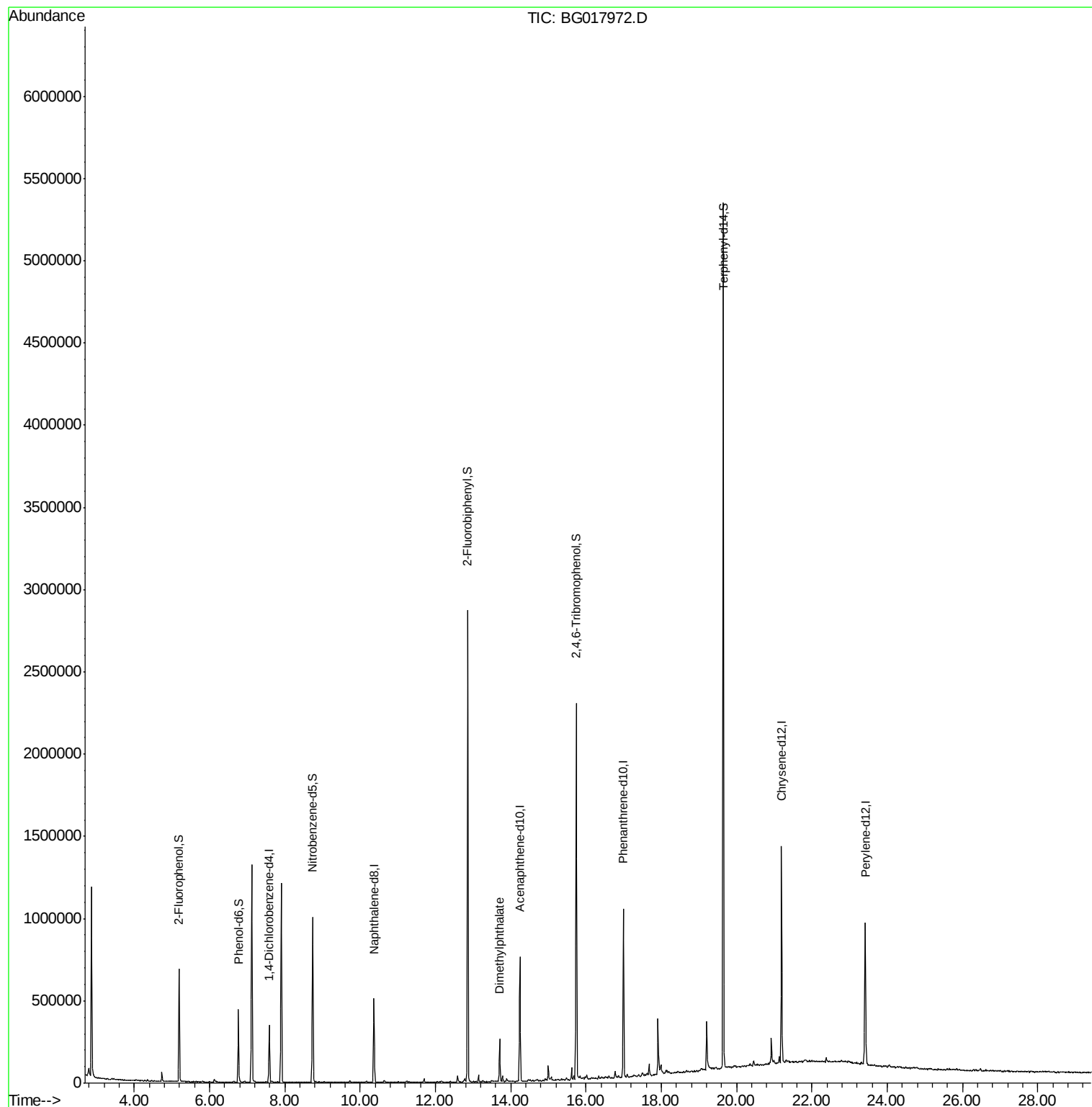
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	96705	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	425912	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	265255	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	587101	20.00	ng	0.00
75) Chrysene-d12	21.20	240	600451	20.00	ng	0.00
86) Perylene-d12	23.42	264	596426	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	313051	56.47	ng	0.00
7) Phenol-d6	6.76	99	260920	35.93	ng	0.00
23) Nitrobenzene-d5	8.74	82	569536	86.61	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	416456	154.96	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	1383289	90.37	ng	0.00
78) Terphenyl-d14	19.64	244	2044714	85.78	ng	0.00
Target Compounds						
32) Benzoic acid	9.67	122	73	Below Cal	#	71
49) Dimethylphthalate	13.70	163	167509	9.09	ng	100
69) Pentachlorophenol	16.65	266	68	Below Cal	#	18

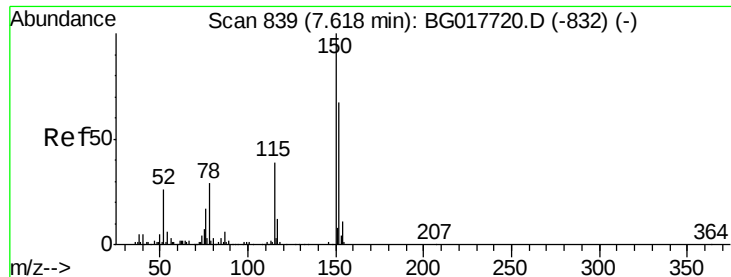
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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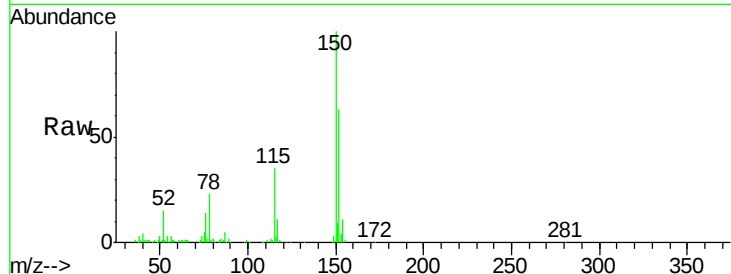


#1

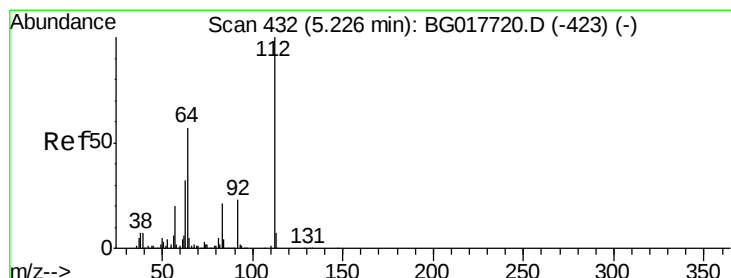
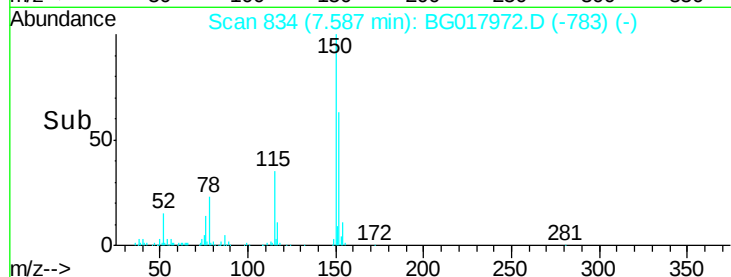
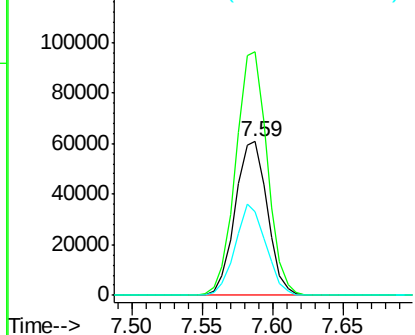
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.59 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG017972.D
Acq: 20 Jul 2015 00:05

Instrument :
BNA_G
ClientSampleId :
PO004

Tgt Ion:152 Resp: 96705
Ion Ratio Lower Upper
152 100
150 158.3 119.1 178.7
115 54.7 47.0 70.4



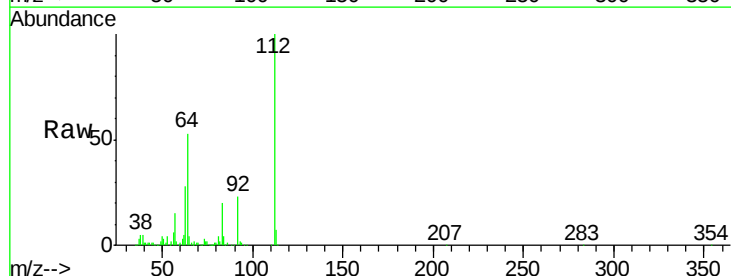
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



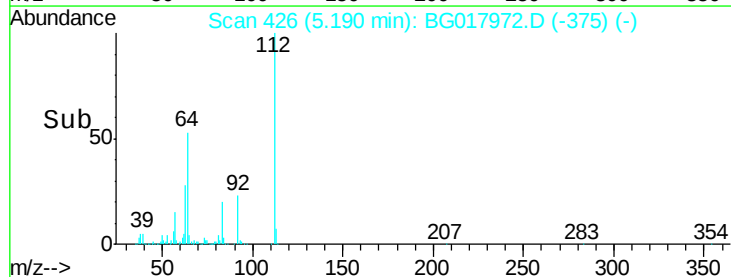
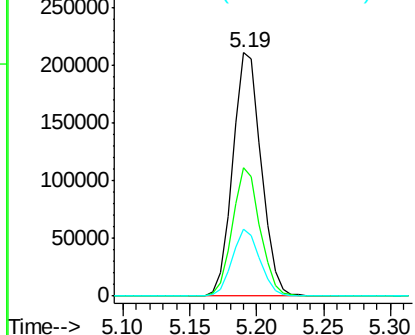
#5

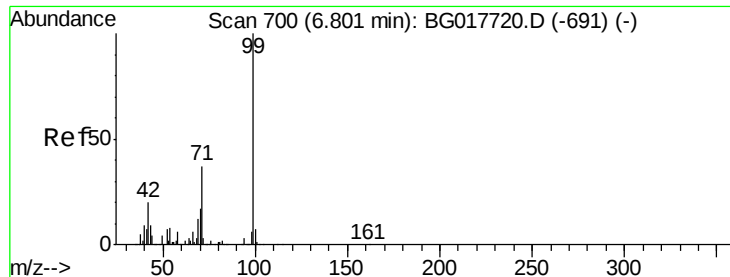
2-Fluorophenol
Concen: 56.47 ng
RT: 5.19 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG017972.D
Acq: 20 Jul 2015 00:05

Tgt Ion:112 Resp: 313051
Ion Ratio Lower Upper
112 100
64 52.7 45.4 68.0
63 27.5 25.3 37.9



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: 35.93 ng

RT: 6.76 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG017972.D

Acq: 20 Jul 2015 00:05

Instrument :

BNA_G

ClientSampleId :

PO004

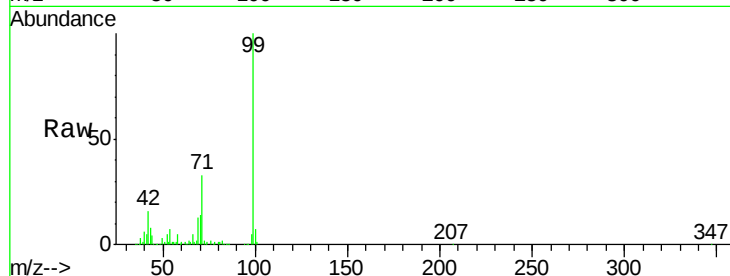
Tgt Ion: 99 Resp: 260920

Ion Ratio Lower Upper

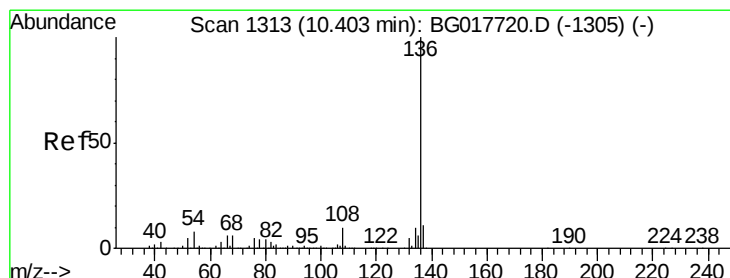
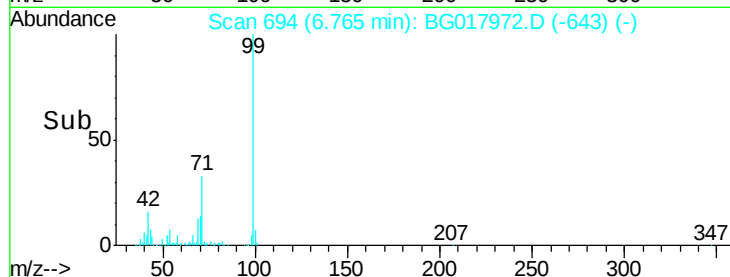
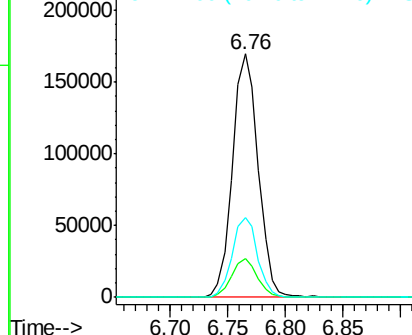
99 100

42 15.7 16.2 24.4#

71 32.7 29.5 44.3



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: 10.37 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BG017972.D

Acq: 20 Jul 2015 00:05

Tgt Ion: 136 Resp: 425912

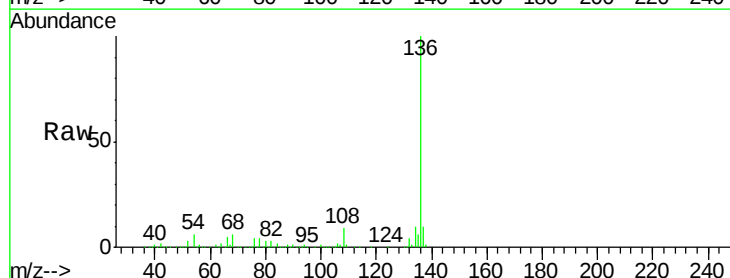
Ion Ratio Lower Upper

136 100

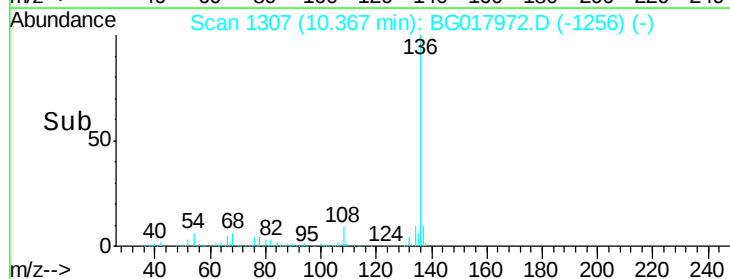
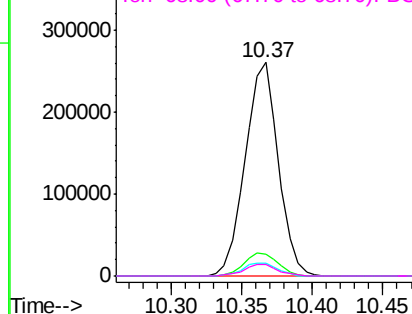
137 10.2 8.8 13.2

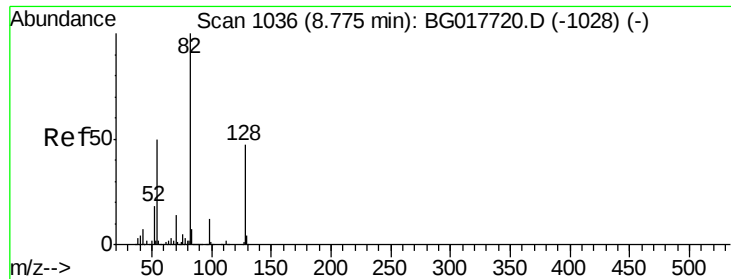
54 6.1 6.6 9.8#

68 5.7 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

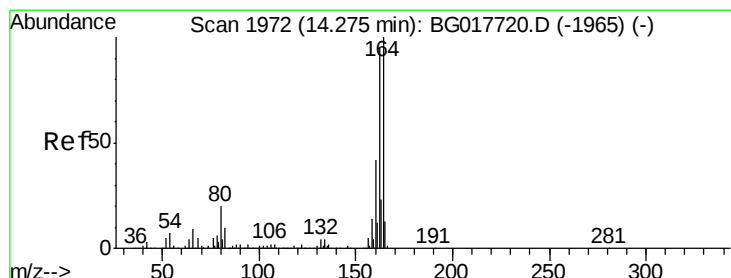
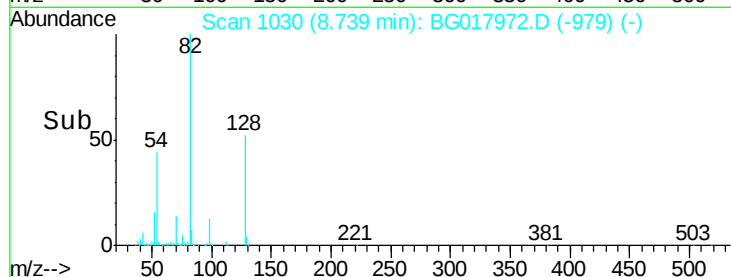
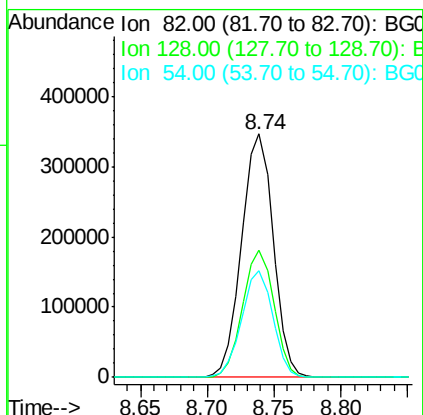
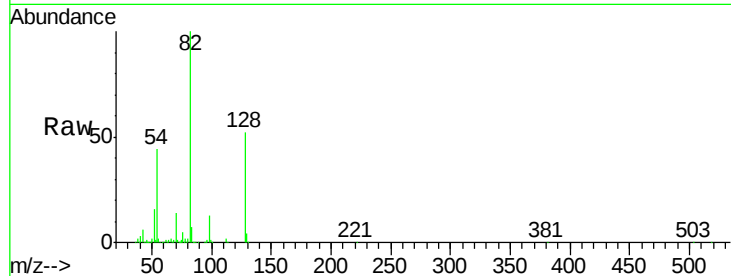




#23
 Nitrobenzene-d5
 Concen: 86.61 ng
 RT: 8.74 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BG017972.D
 Acq: 20 Jul 2015 00:05

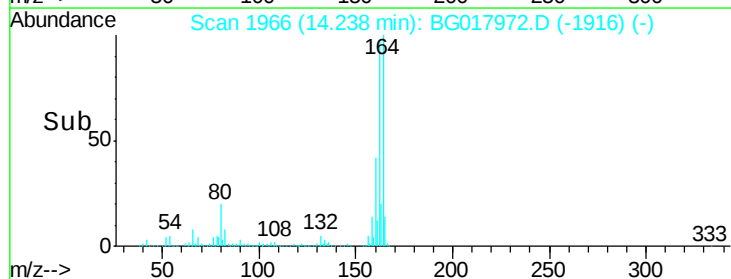
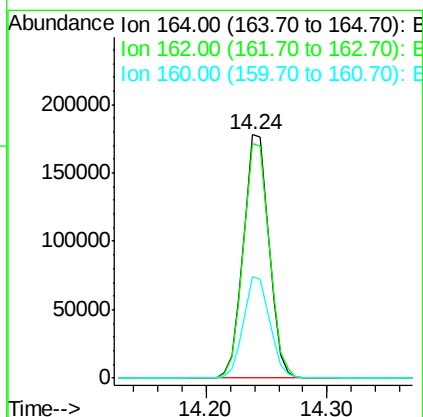
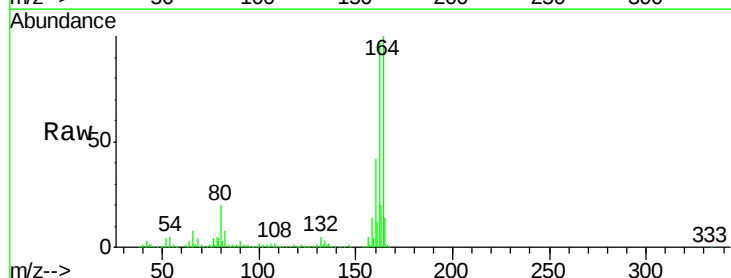
Instrument :
 BNA_G
 ClientSampleId :
 P0004

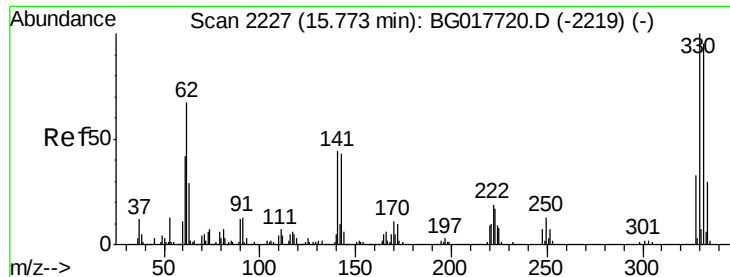
Tgt Ion: 82 Resp: 569536
 Ion Ratio Lower Upper
 82 100
 128 52.4 37.8 56.6
 54 43.9 39.9 59.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.24 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BG017972.D
 Acq: 20 Jul 2015 00:05

Tgt Ion: 164 Resp: 265255
 Ion Ratio Lower Upper
 164 100
 162 96.6 76.3 114.5
 160 42.0 33.7 50.5

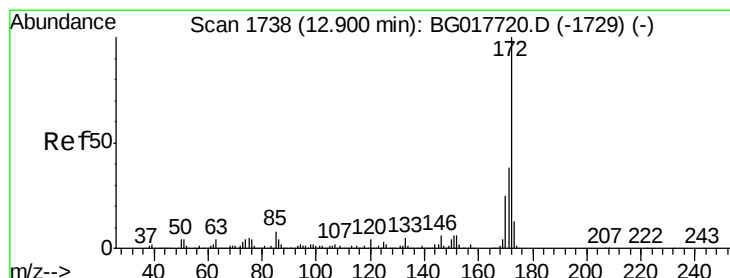
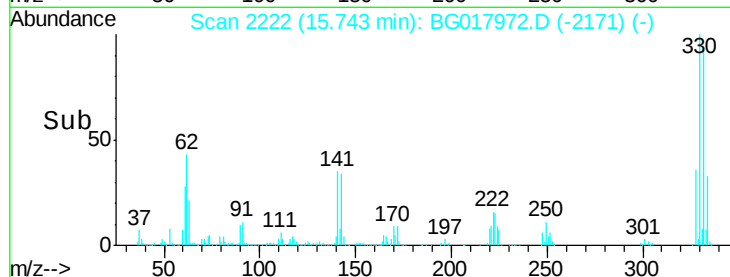
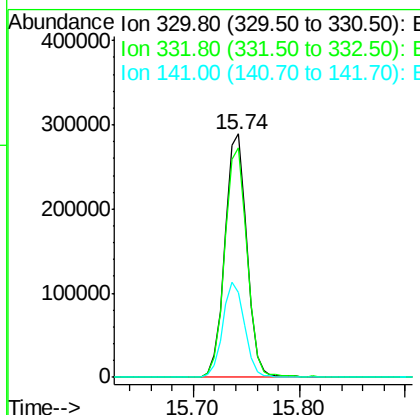
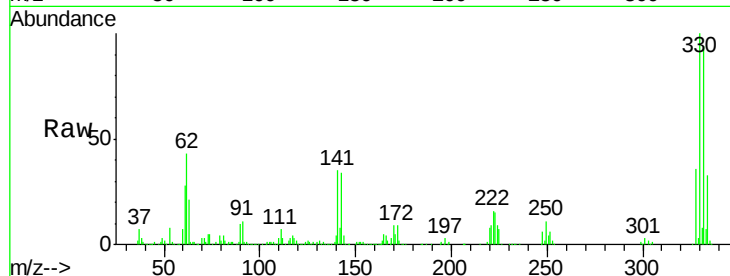




#41
 2,4,6-Tribromophenol
 Concen: 154.96 ng
 RT: 15.74 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG017972.D
 Acq: 20 Jul 2015 00:05

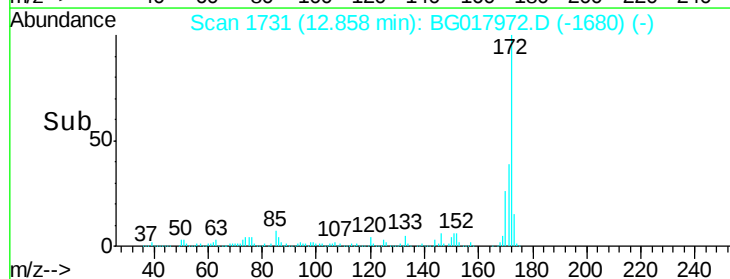
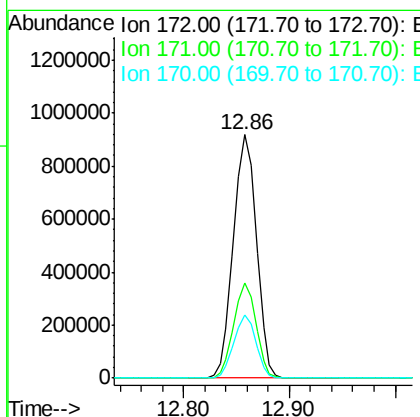
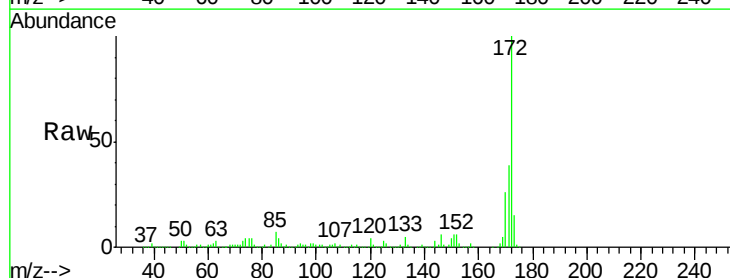
Instrument :
 BNA_G
 ClientSampleId :
 PO004

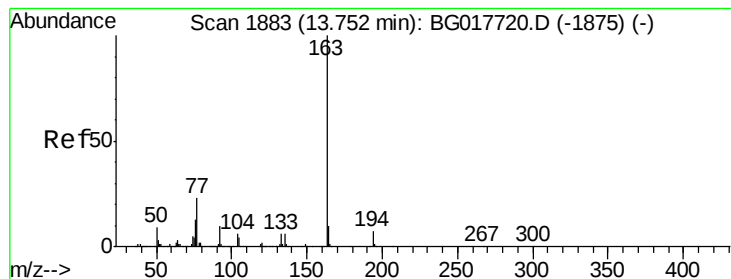
Tgt Ion: 330 Resp: 416456
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.8 115.2
 141 39.5 38.0 57.0



#44
 2-Fluorobiphenyl
 Concen: 90.37 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG017972.D
 Acq: 20 Jul 2015 00:05

Tgt Ion: 172 Resp: 1383289
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.7 46.1
 170 26.2 19.7 29.5





#49

Dimethylphthalate

Concen: 9.09 ng

RT: 13.70 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG017972.D

Acq: 20 Jul 2015 00:05

Instrument :

BNA_G

ClientSampleId :

PO004

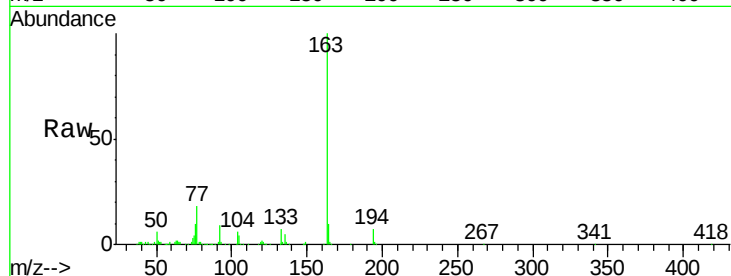
Tgt Ion:163 Resp: 167509

Ion Ratio Lower Upper

163 100

194 6.9 5.8 8.6

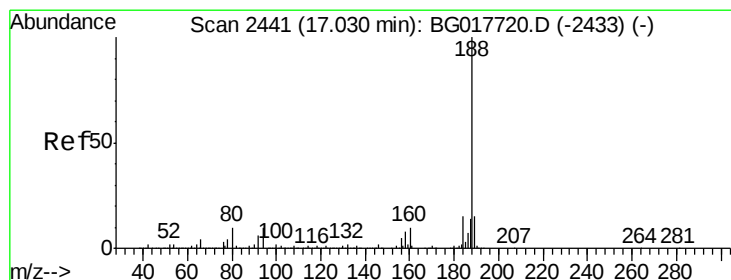
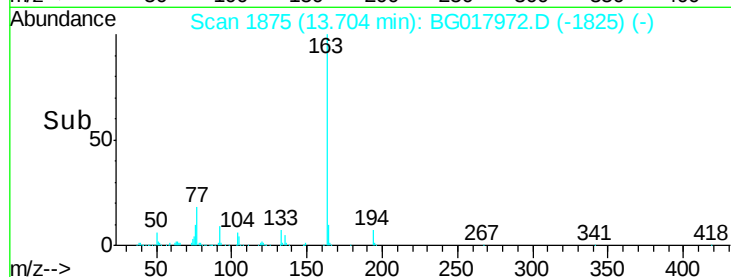
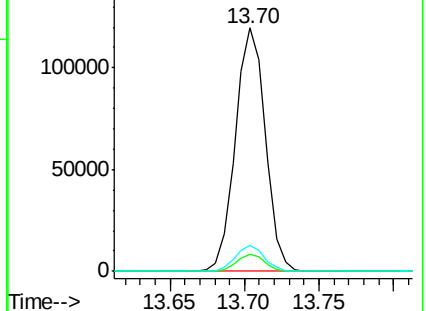
164 10.5 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.99 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG017972.D

Acq: 20 Jul 2015 00:05

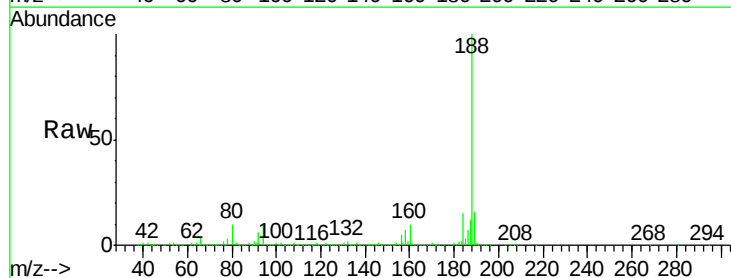
Tgt Ion:188 Resp: 587101

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

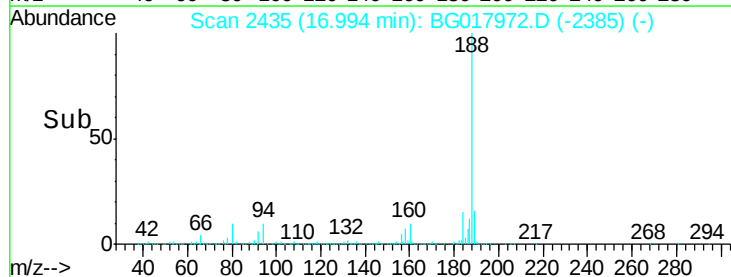
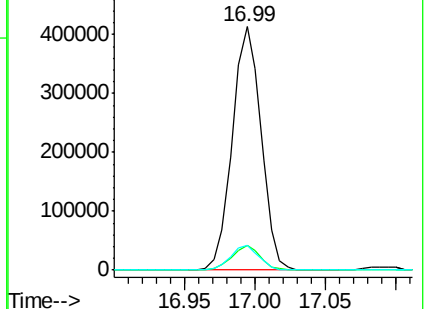
80 10.0 8.2 12.4

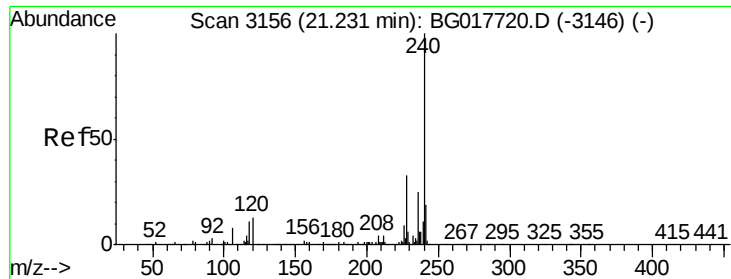


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.20 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG017972.D

Acq: 20 Jul 2015 00:05

Instrument :

BNA_G

ClientSampleId :

PO004

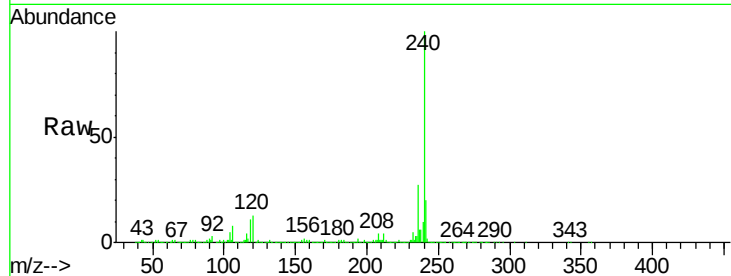
Tgt Ion:240 Resp: 600451

Ion Ratio Lower Upper

240 100

120 13.1 10.8 16.2

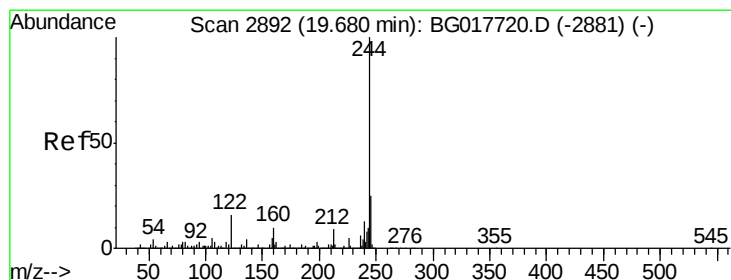
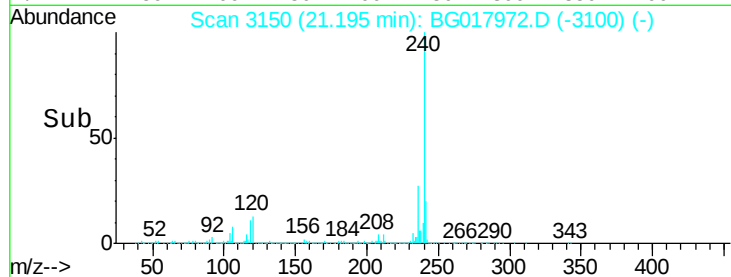
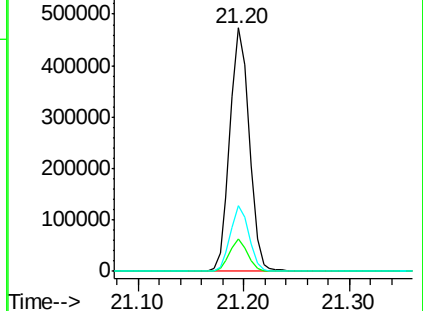
236 26.7 20.0 30.0



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: 85.78 ng

RT: 19.64 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG017972.D

Acq: 20 Jul 2015 00:05

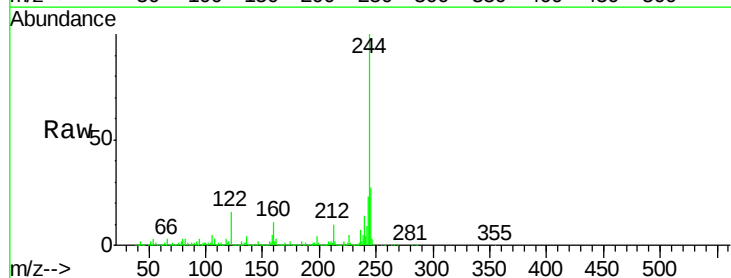
Tgt Ion:244 Resp: 2044714

Ion Ratio Lower Upper

244 100

212 9.7 7.2 10.8

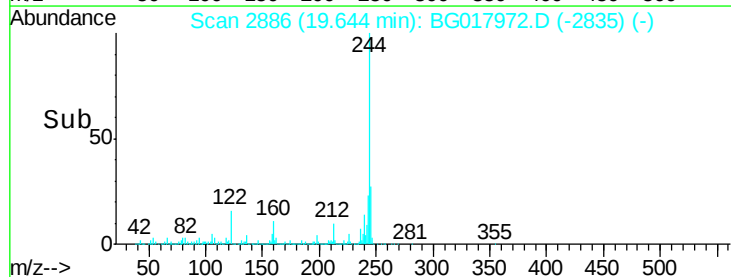
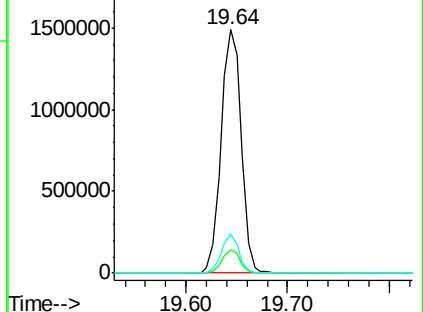
122 16.1 12.8 19.2

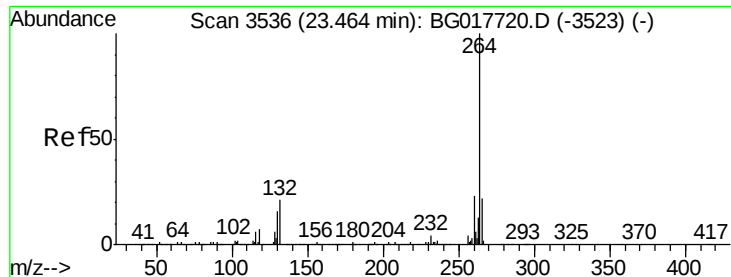


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

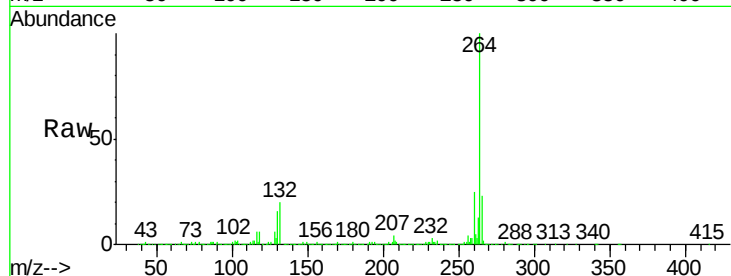




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.42 min Scan# 3528
Delta R.T. -0.00 min
Lab File: BG017972.D
Acq: 20 Jul 2015 00:05

Instrument :
BNA_G
ClientSampleId :
PO004

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	27.8
265	23.2	18.2	27.2



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

