

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
 Data File : BG017935.D
 Acq On : 17 Jul 2015 20:58
 Operator : TP/UM
 Sample : G2973-16RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RINSATEBLANK

Quant Time: Jul 18 02:31:56 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

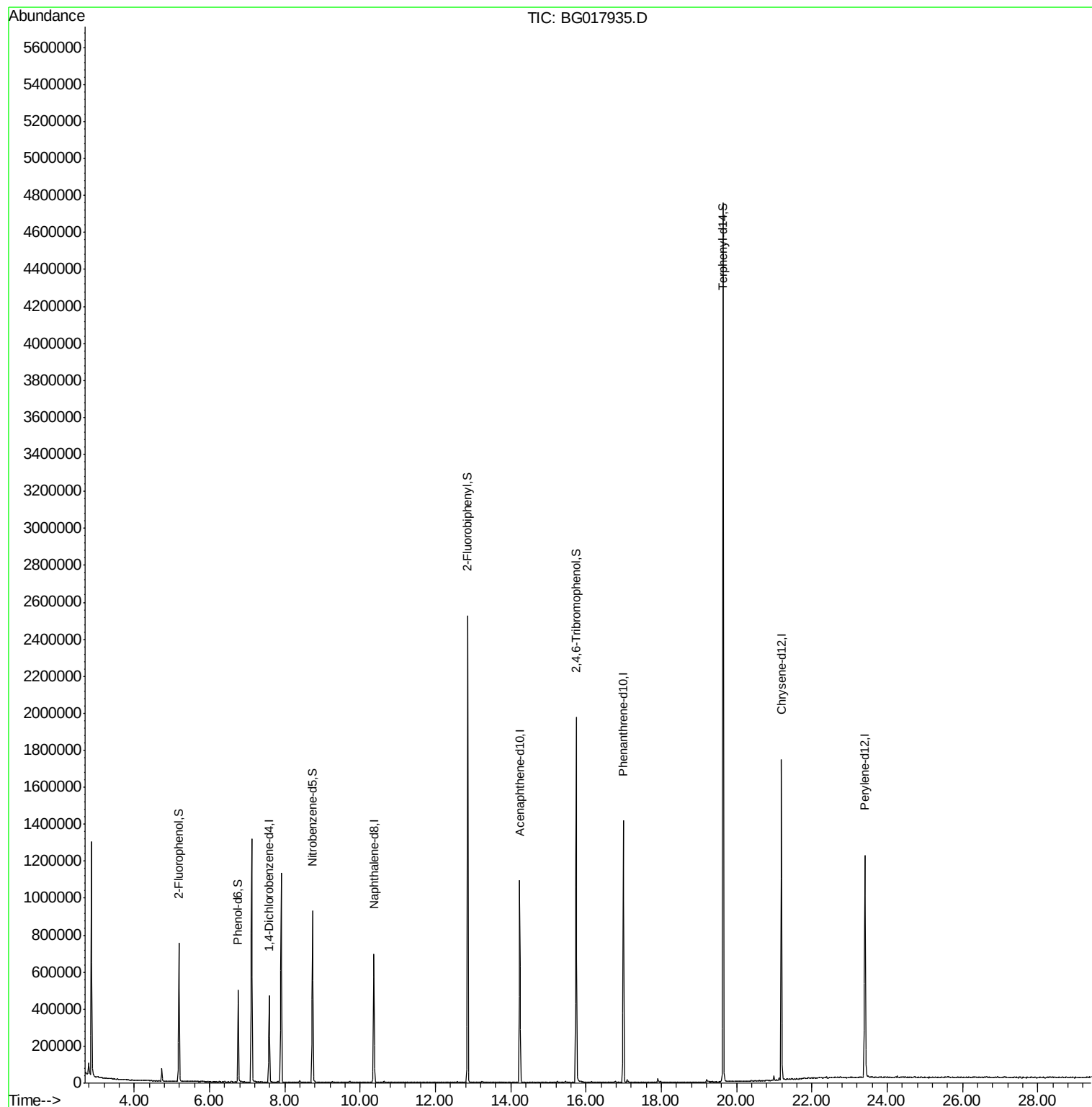
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	122111	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	561488	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	365805	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	797744	20.00	ng	0.00
75) Chrysene-d12	21.20	240	788944	20.00	ng	0.00
86) Perylene-d12	23.41	264	769421	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	330158	47.17	ng	0.00
7) Phenol-d6	6.76	99	282881	30.85	ng	0.00
23) Nitrobenzene-d5	8.74	82	517977	59.75	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	324248	87.49	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	1247545	59.10	ng	0.00
78) Terphenyl-d14	19.65	244	1928906	61.59	ng	0.00
Target Compounds						
53) 2,4-Dinitrophenol	14.48	184	53	Below Cal	#	24
64) 4,6-Dinitro-2-methylphenol	15.10	198	59	Below Cal	#	31

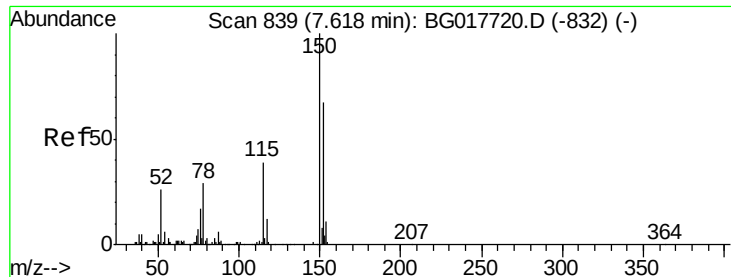
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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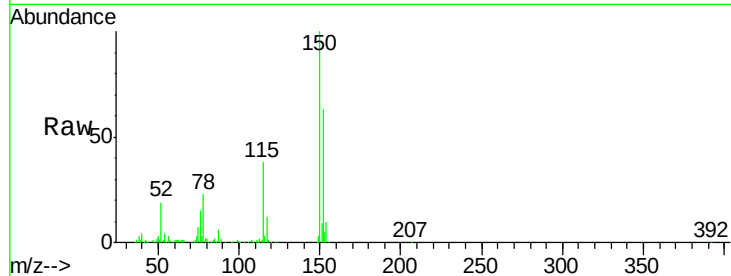


#1

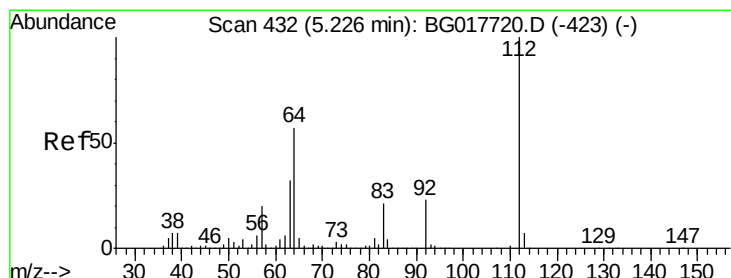
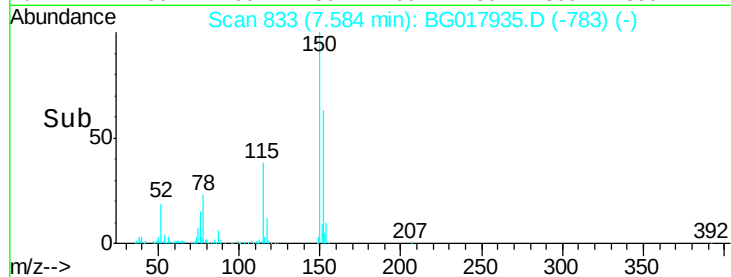
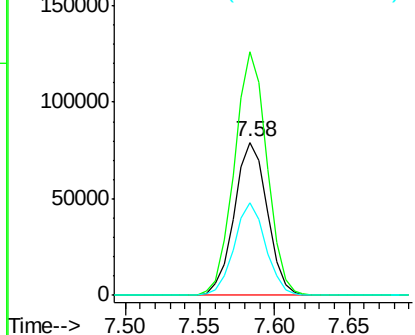
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.58 min Scan# 833
Delta R.T. -0.00 min
Lab File: BG017935.D
Acq: 17 Jul 2015 20:58

Instrument :
BNA_G
ClientSampleId :
RINSATEBLANK

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.1	119.1	178.7
115	60.9	47.0	70.4



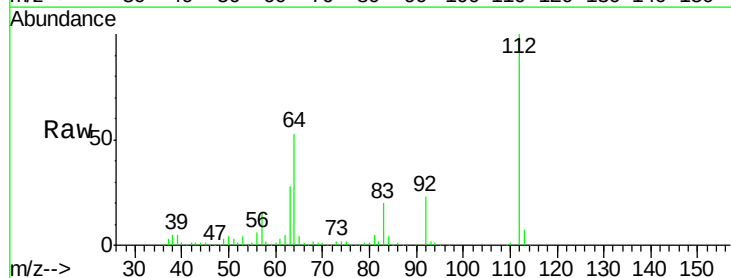
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



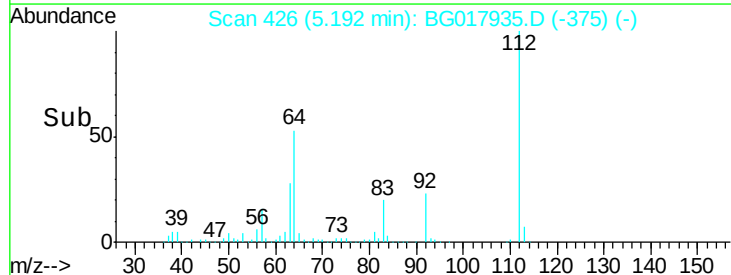
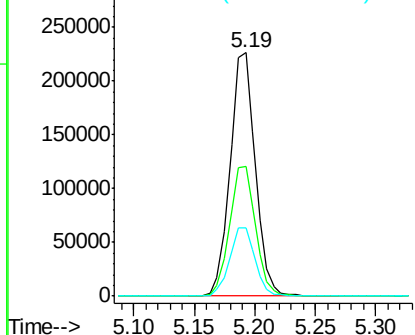
#5

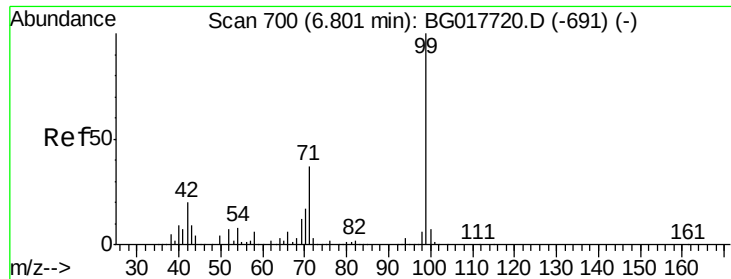
2-Fluorophenol
Concen: 47.17 ng
RT: 5.19 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG017935.D
Acq: 17 Jul 2015 20:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	45.4	68.0
63	27.8	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: 30.85 ng

RT: 6.76 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG017935.D

Acq: 17 Jul 2015 20:58

Instrument :

BNA_G

ClientSampleId :

RINSATEBLANK

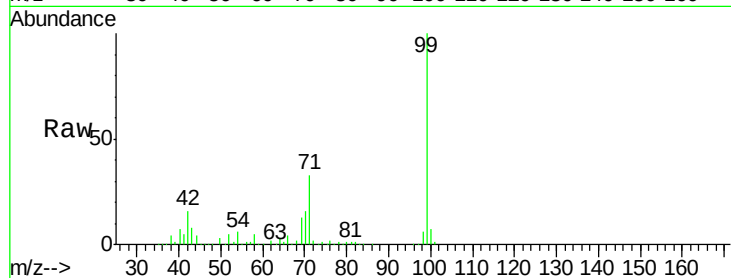
Tgt Ion: 99 Resp: 282881

Ion Ratio Lower Upper

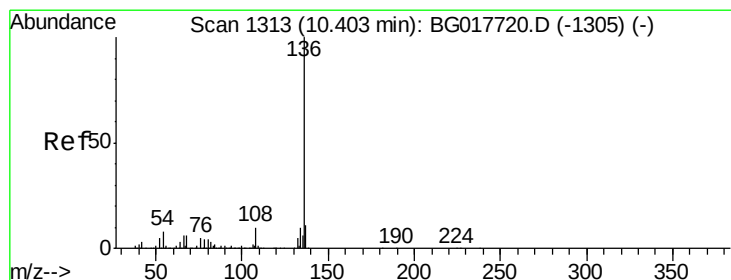
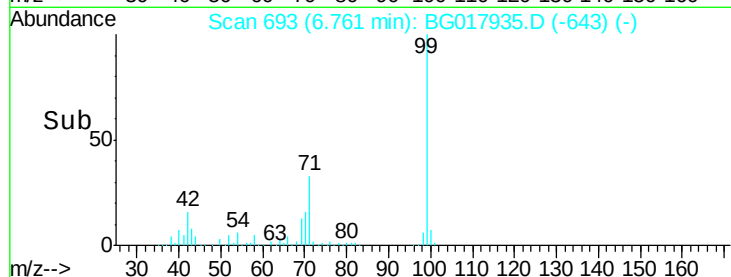
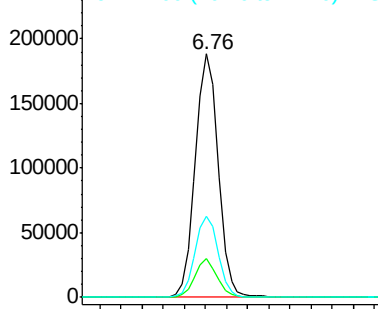
99 100

42 15.9 16.2 24.4#

71 33.4 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: 10.36 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BG017935.D

Acq: 17 Jul 2015 20:58

Tgt Ion: 136 Resp: 561488

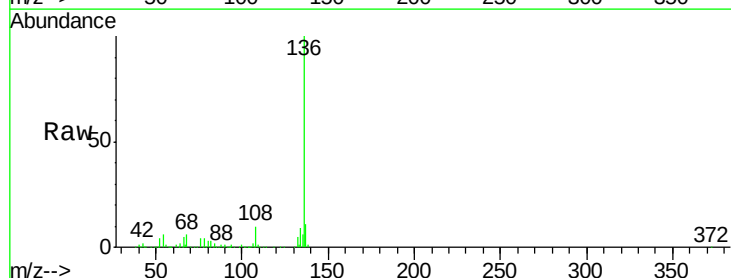
Ion Ratio Lower Upper

136 100

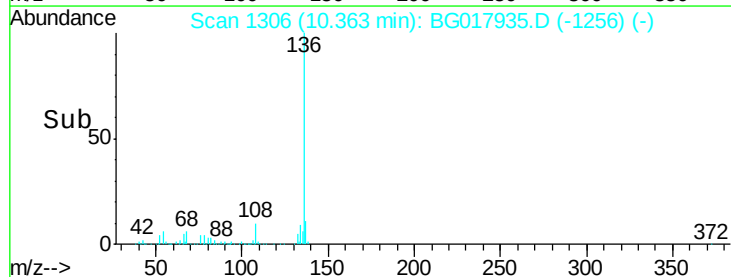
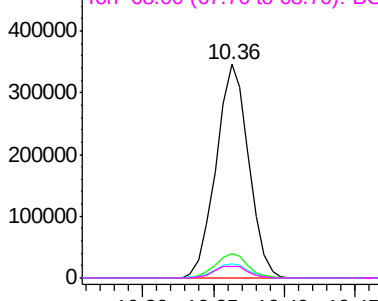
137 11.3 8.8 13.2

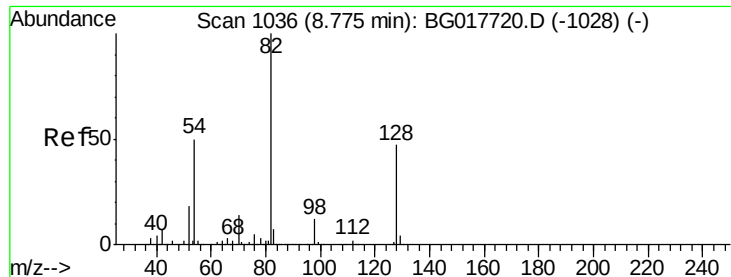
54 6.4 6.6 9.8#

68 5.6 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

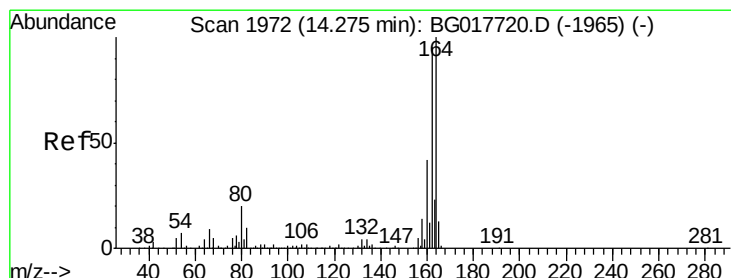
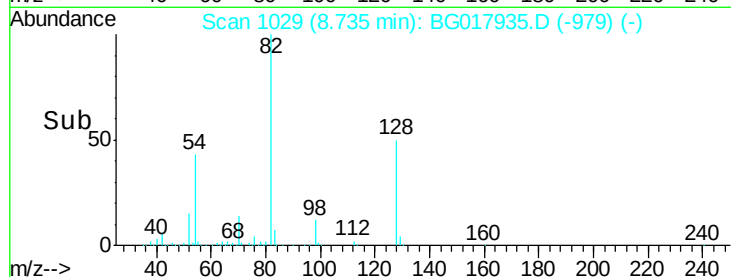
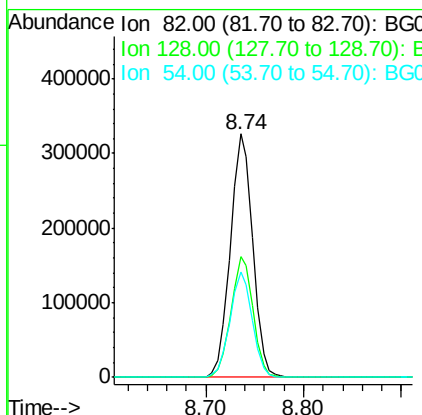
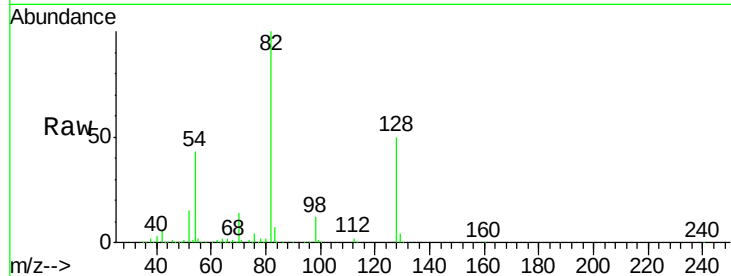




#23
 Nitrobenzene-d5
 Concen: 59.75 ng
 RT: 8.74 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BG017935.D
 Acq: 17 Jul 2015 20:58

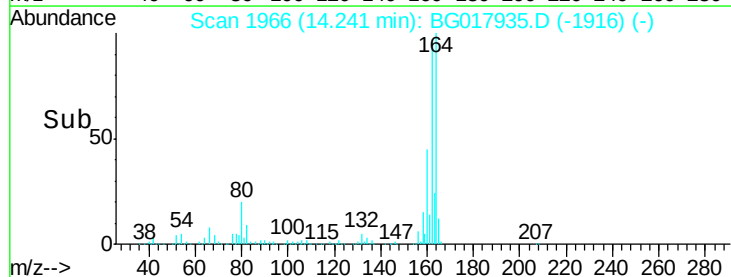
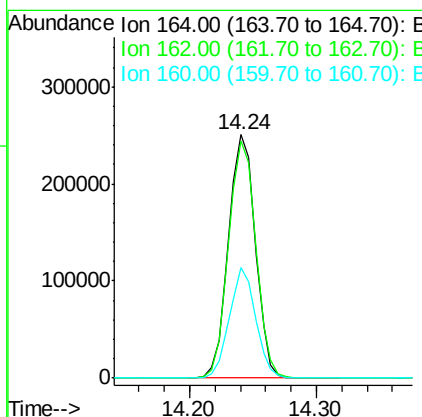
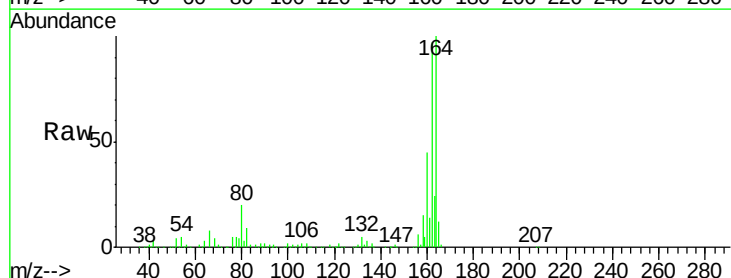
Instrument :
 BNA_G
 ClientSampleId :
 RINSATEBLANK

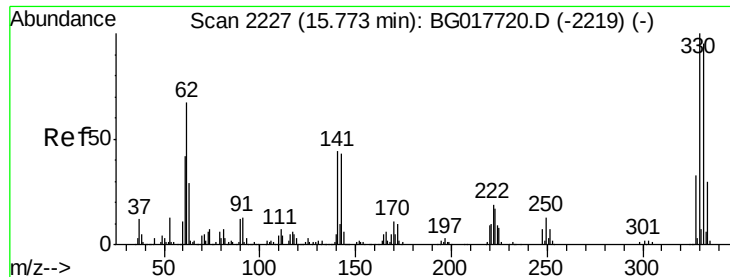
Tgt Ion: 82 Resp: 517977
 Ion Ratio Lower Upper
 82 100
 128 49.5 37.8 56.6
 54 43.3 39.9 59.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.24 min Scan# 1966
 Delta R.T. -0.00 min
 Lab File: BG017935.D
 Acq: 17 Jul 2015 20:58

Tgt Ion: 164 Resp: 365805
 Ion Ratio Lower Upper
 164 100
 162 97.3 76.3 114.5
 160 45.1 33.7 50.5

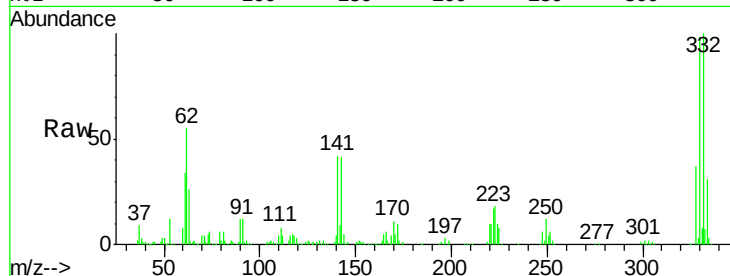




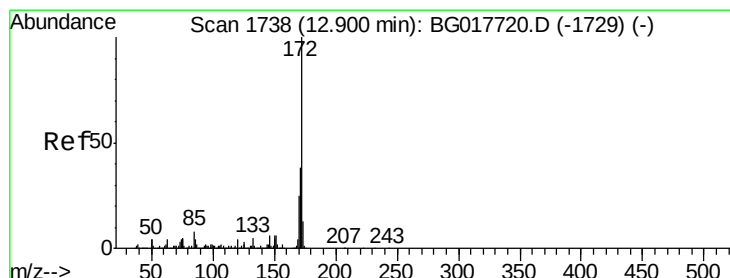
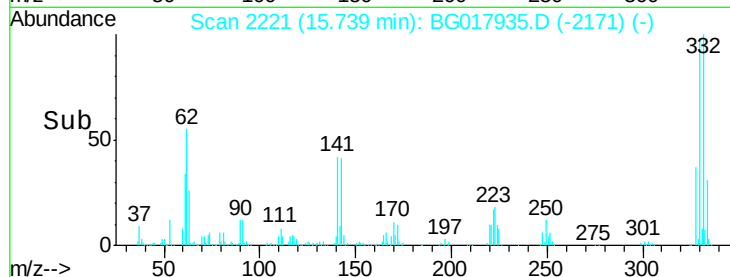
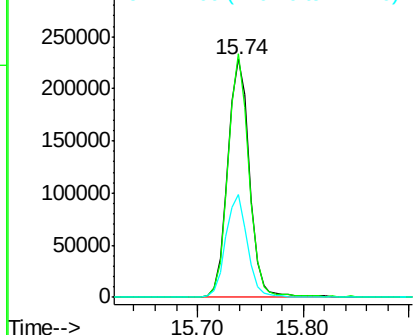
#41
 2,4,6-Tribromophenol
 Concen: 87.49 ng
 RT: 15.74 min Scan# 2221
 Delta R.T. -0.00 min
 Lab File: BG017935.D
 Acq: 17 Jul 2015 20:58

Instrument :
 BNA_G
 ClientSampleId :
 RINSATEBLANK

Tgt Ion:330 Resp: 324248
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.8 115.2
 141 43.4 38.0 57.0

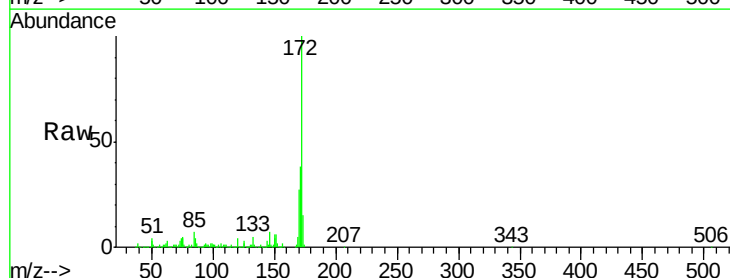


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

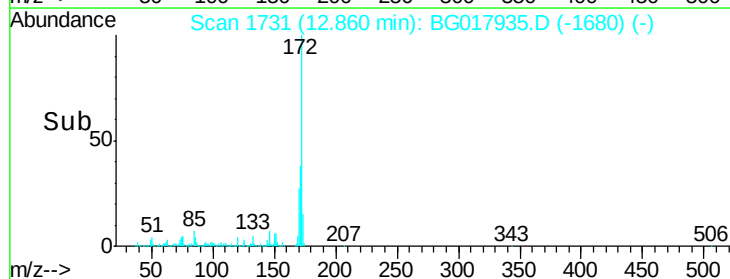
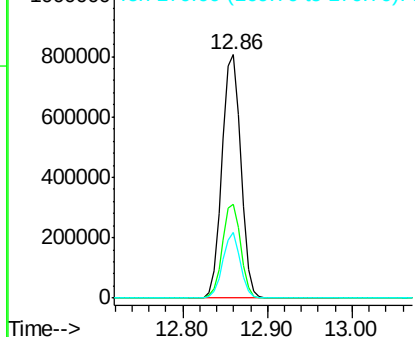


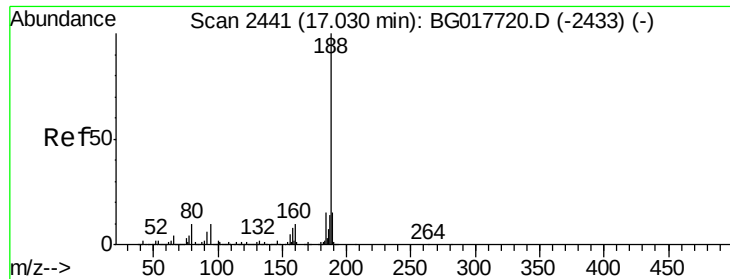
#44
 2-Fluorobiphenyl
 Concen: 59.10 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BG017935.D
 Acq: 17 Jul 2015 20:58

Tgt Ion:172 Resp: 1247545
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.7 46.1
 170 26.8 19.7 29.5



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: 17.00 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BG017935.D

Acq: 17 Jul 2015 20:58

Instrument :

BNA_G

ClientSampleId :

RINSATEBLANK

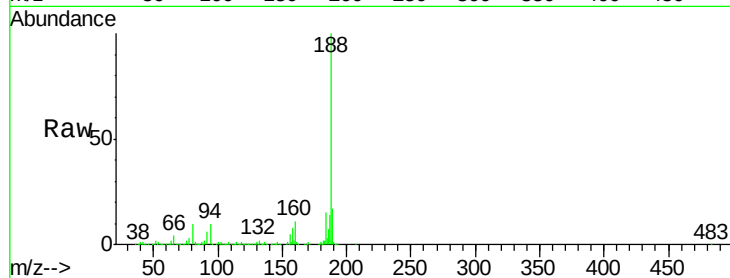
Tgt Ion:188 Resp: 797744

Ion Ratio Lower Upper

188 100

94 10.5 8.2 12.2

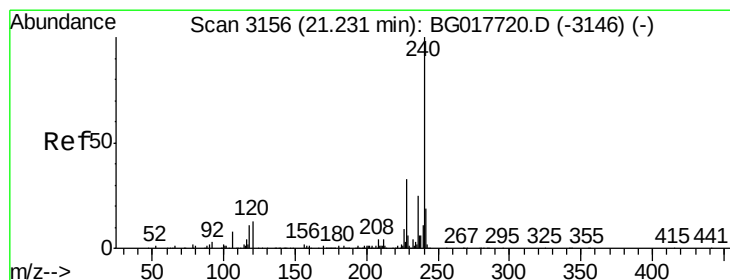
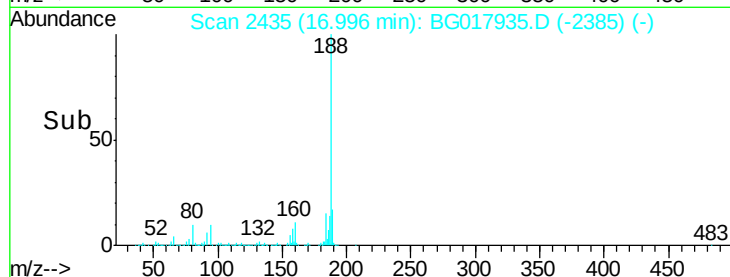
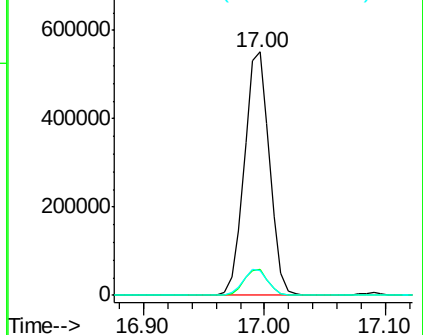
80 10.4 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.20 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG017935.D

Acq: 17 Jul 2015 20:58

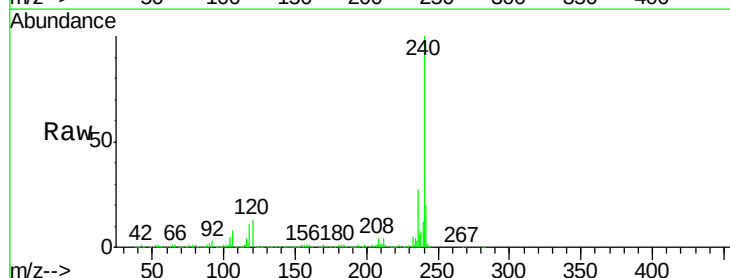
Tgt Ion:240 Resp: 788944

Ion Ratio Lower Upper

240 100

120 13.3 10.8 16.2

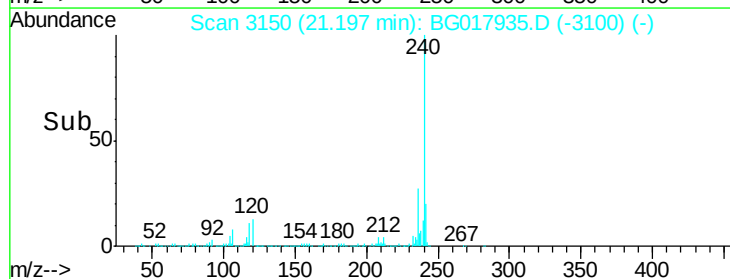
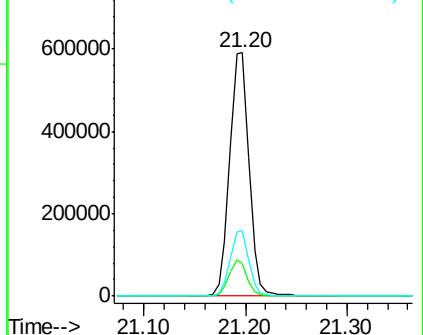
236 27.1 20.0 30.0

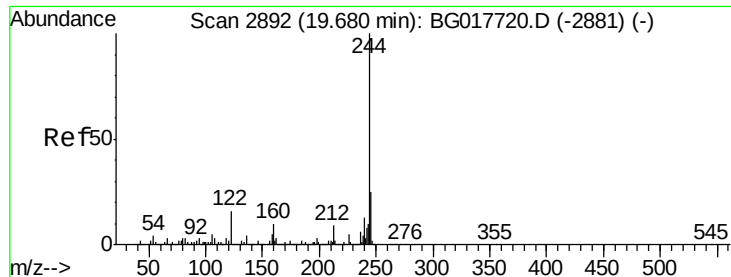


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 61.59 ng

RT: 19.65 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG017935.D

Acq: 17 Jul 2015 20:58

Instrument :

BNA_G

ClientSampleId :

RINSATEBLANK

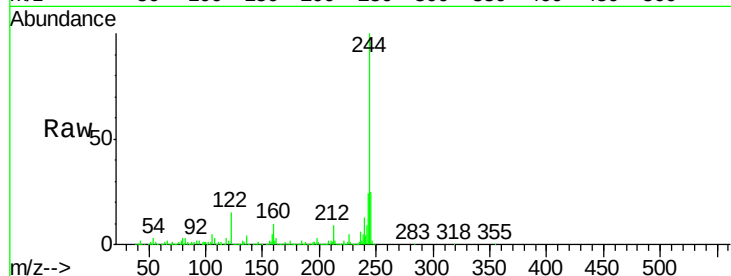
Tgt Ion:244 Resp: 1928906

Ion Ratio Lower Upper

244 100

212 9.0 7.2 10.8

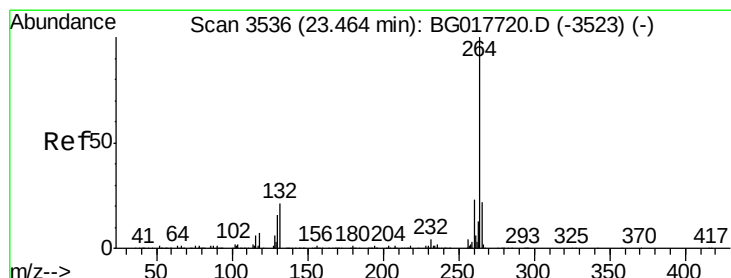
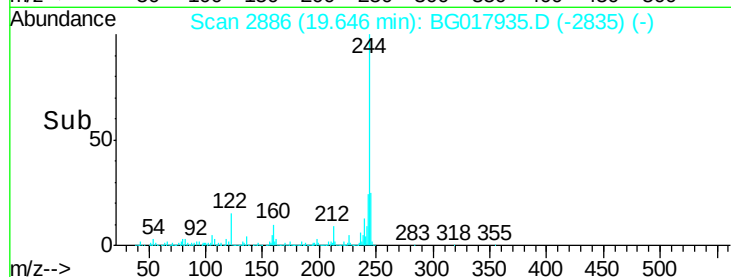
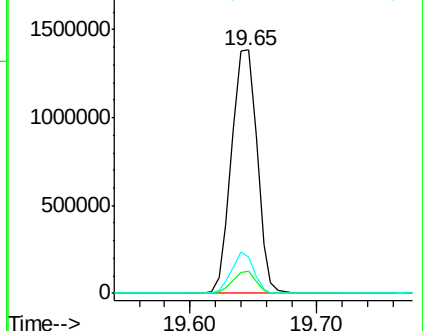
122 14.8 12.8 19.2



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: 23.41 min Scan# 3527

Delta R.T. -0.00 min

Lab File: BG017935.D

Acq: 17 Jul 2015 20:58

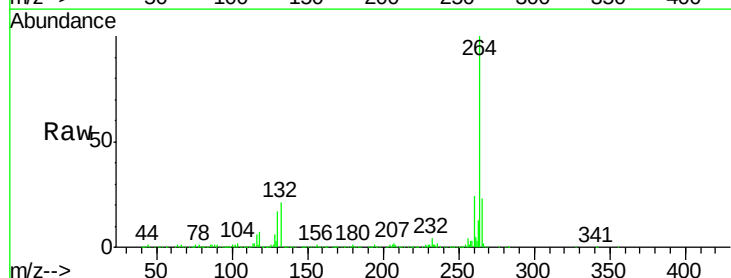
Tgt Ion:264 Resp: 769421

Ion Ratio Lower Upper

264 100

260 24.3 18.6 27.8

265 22.7 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

