

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071915\
 Data File : BG017969.D
 Acq On : 19 Jul 2015 22:20
 Operator : TP/UM
 Sample : G2975-11
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AB-SLOPE-FAIL-6(0-2)

Quant Time: Jul 20 03:46:54 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

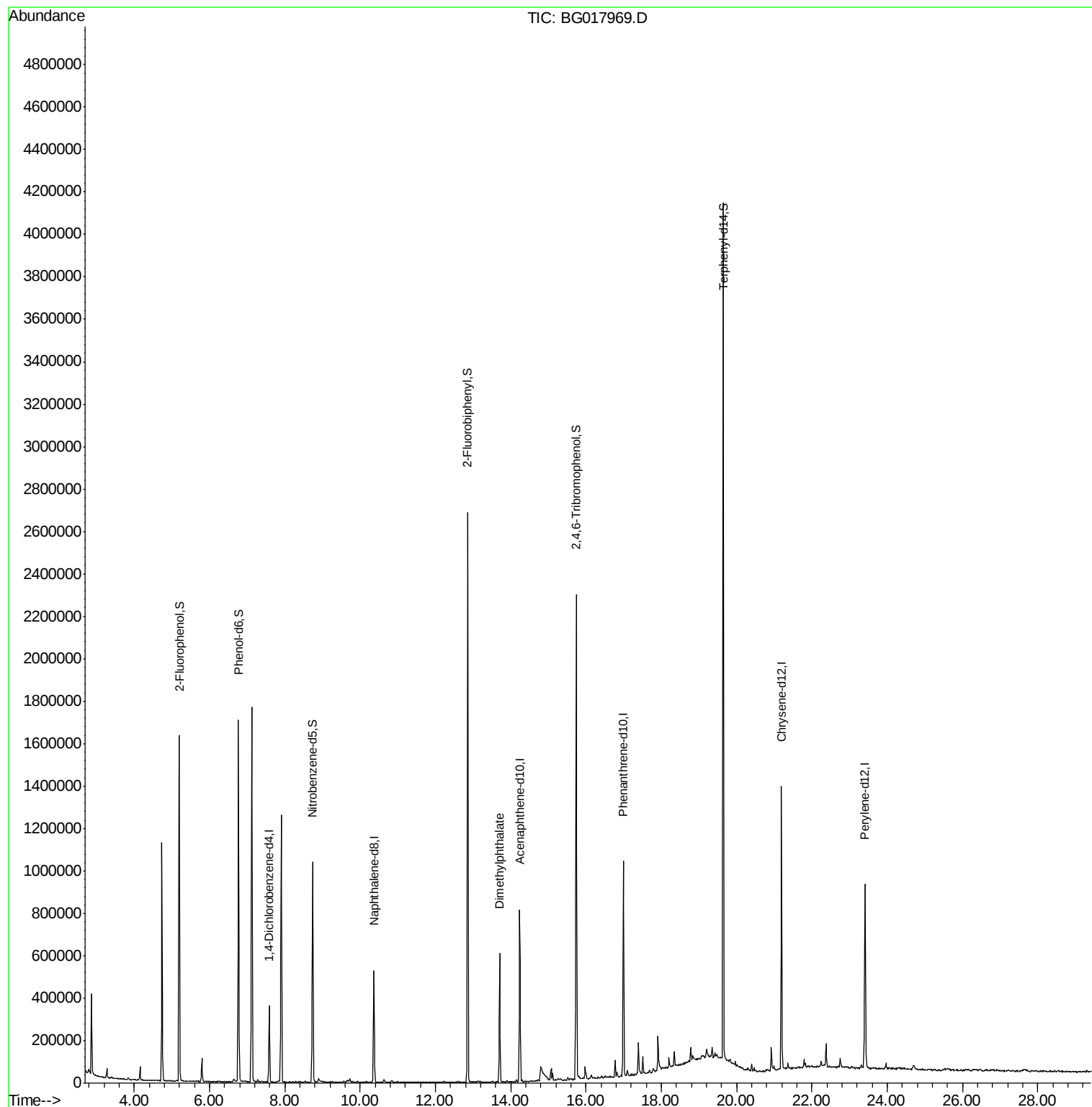
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	99134	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	447405	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	285080	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	596891	20.00	ng	0.00
75) Chrysene-d12	21.20	240	585289	20.00	ng	0.00
86) Perylene-d12	23.41	264	578578	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	736714	129.64	ng	0.00
7) Phenol-d6	6.77	99	1007844	135.37	ng	0.00
23) Nitrobenzene-d5	8.74	82	591819	85.67	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	391563	135.57	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	1341319	81.54	ng	0.00
78) Terphenyl-d14	19.64	244	1630455	70.17	ng	0.00
Target Compounds						
32) Benzoic acid	9.64	122	5195	Below Cal	#	67
49) Dimethylphthalate	13.70	163	371298	18.75	ng	98
53) 2,4-Dinitrophenol	14.36	184	66	Below Cal	#	24
69) Pentachlorophenol	16.63	266	55	Below Cal	#	18

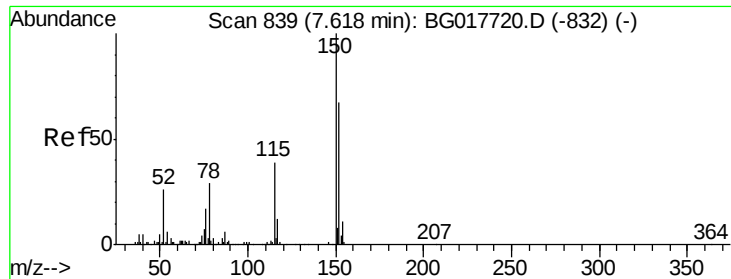
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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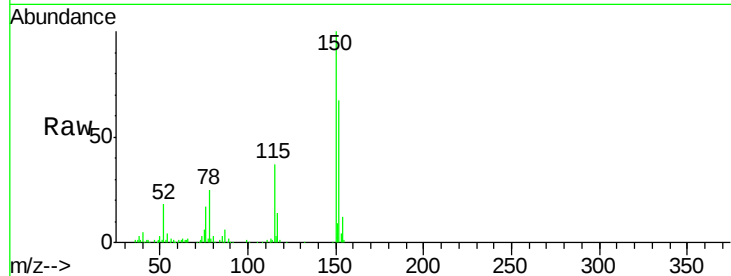


#1

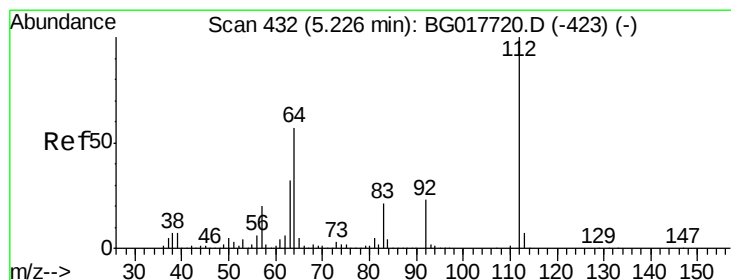
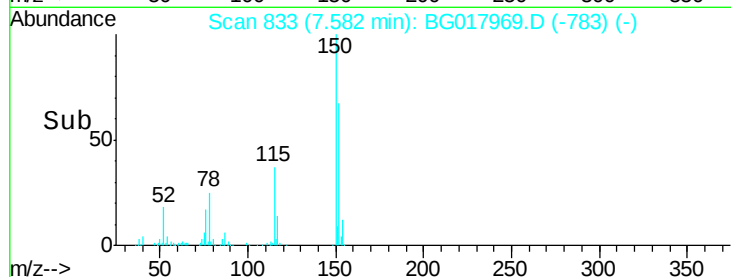
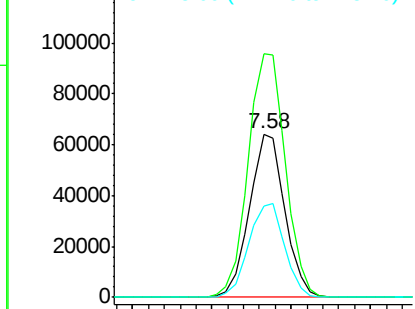
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.58 min Scan# 833
Delta R.T. -0.01 min
Lab File: BG017969.D
Acq: 19 Jul 2015 22:20

Instrument :
BNA_G
ClientSampleId :
AB-SLOPE-FAIL-6(0-2)

Tgt Ion:152 Resp: 99134
Ion Ratio Lower Upper
152 100
150 149.2 119.1 178.7
115 55.9 47.0 70.4



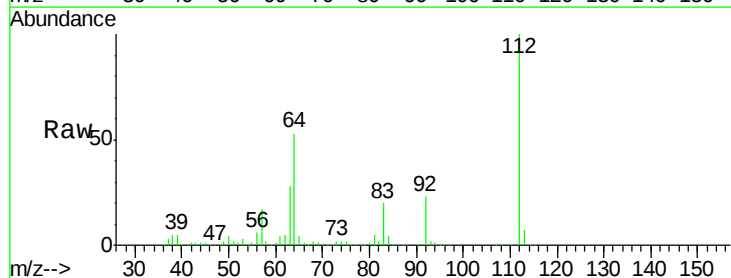
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



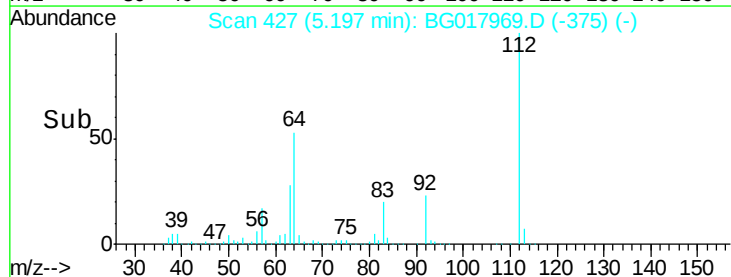
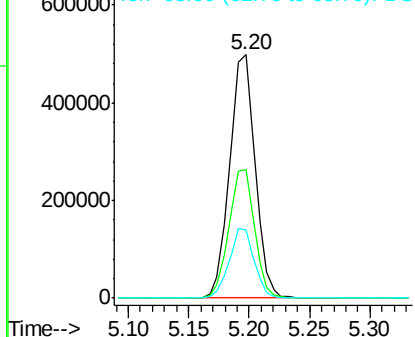
#5

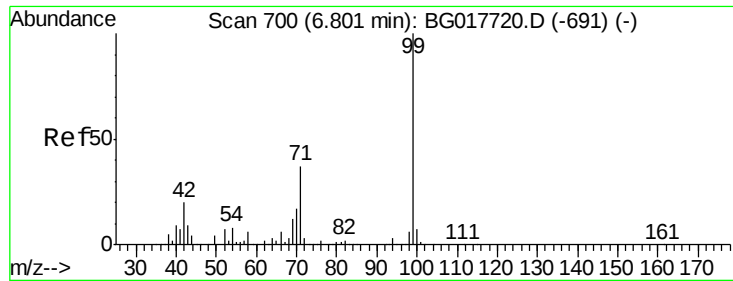
2-Fluorophenol
Concen: 129.64 ng
RT: 5.20 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG017969.D
Acq: 19 Jul 2015 22:20

Tgt Ion:112 Resp: 736714
Ion Ratio Lower Upper
112 100
64 52.8 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: 135.37 ng

RT: 6.77 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG017969.D

Acq: 19 Jul 2015 22:20

Instrument :

BNA_G

ClientSampleId :

AB-SLOPE-FAIL-6(0-2)

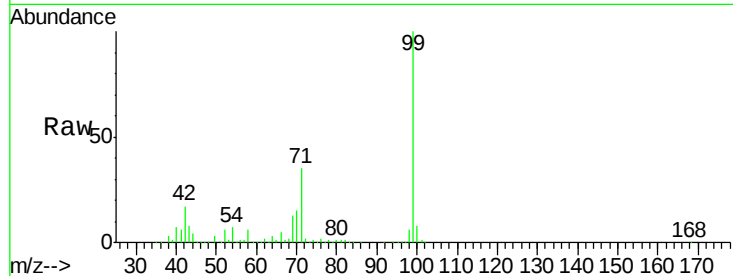
Tgt Ion: 99 Resp: 1007844

Ion Ratio Lower Upper

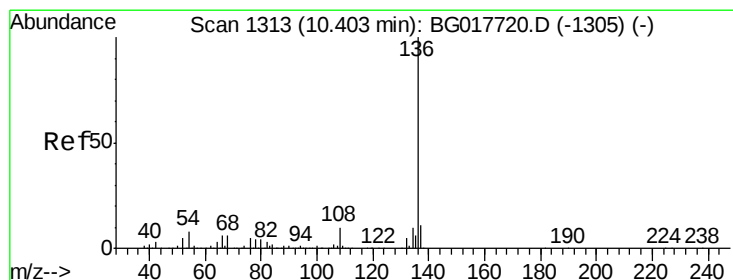
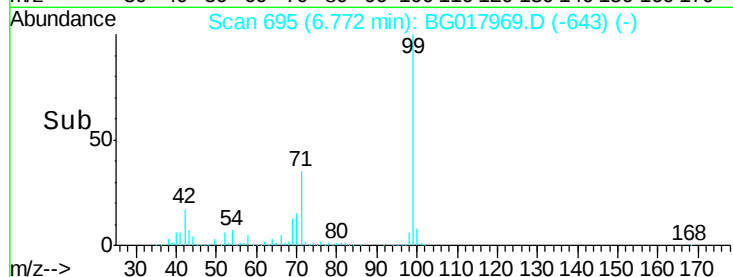
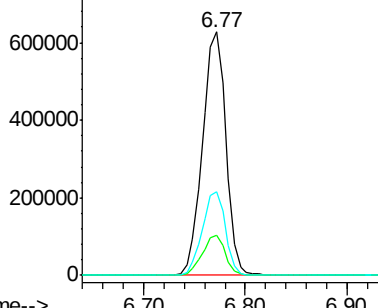
99 100

42 16.5 16.2 24.4

71 34.5 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. -0.01 min

Lab File: BG017969.D

Acq: 19 Jul 2015 22:20

Tgt Ion: 136 Resp: 447405

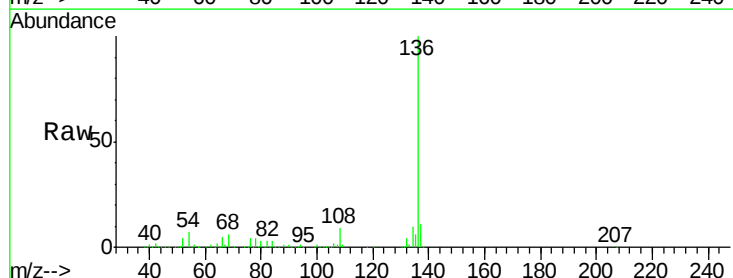
Ion Ratio Lower Upper

136 100

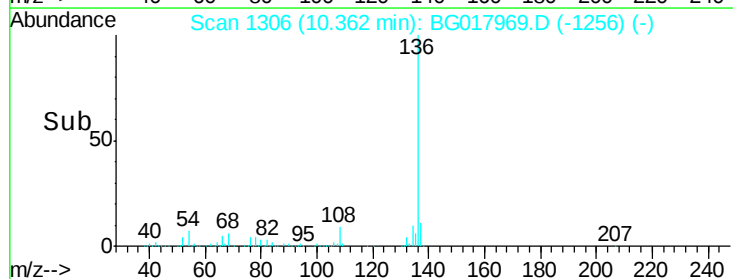
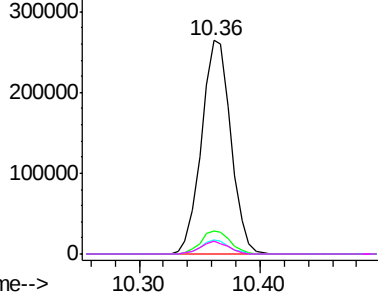
137 10.8 8.8 13.2

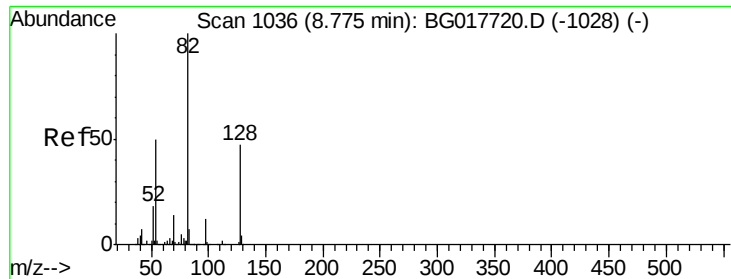
54 6.9 6.6 9.8

68 6.1 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

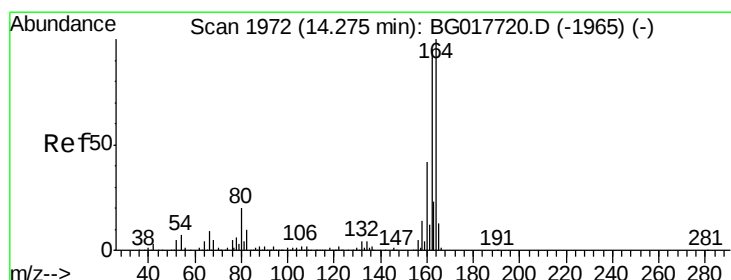
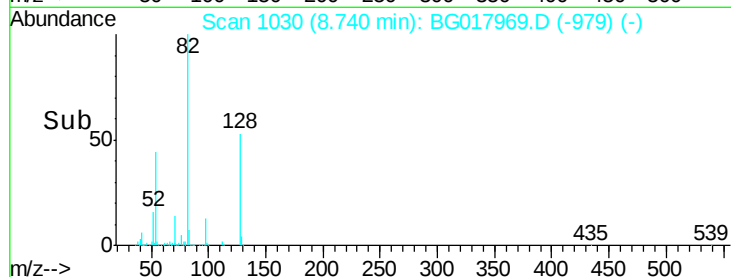
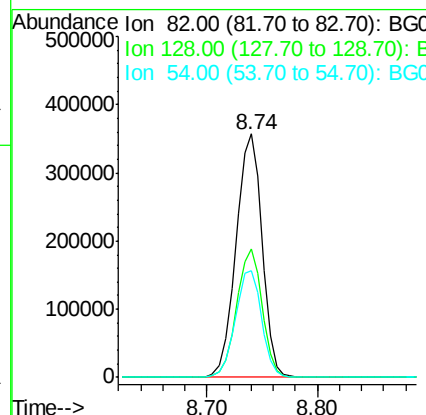
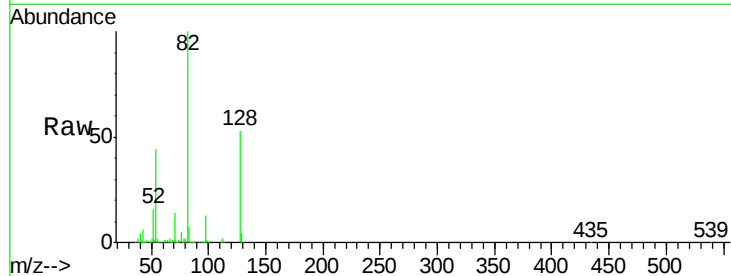




#23
 Nitrobenzene-d5
 Concen: 85.67 ng
 RT: 8.74 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BG017969.D
 Acq: 19 Jul 2015 22:20

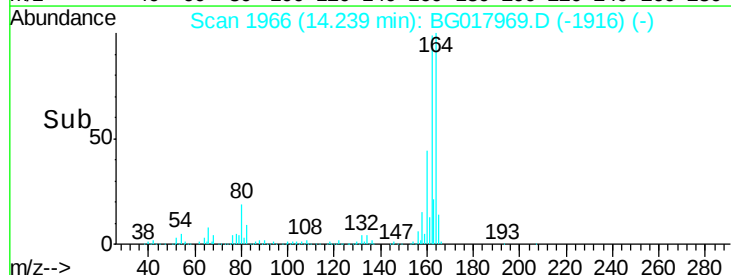
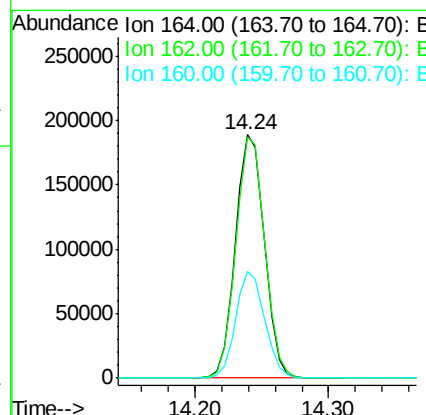
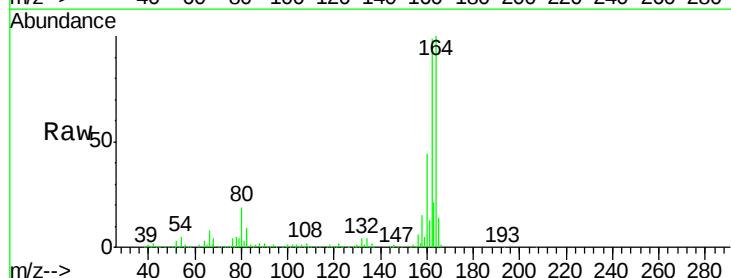
Instrument :
 BNA_G
 ClientSampleId :
 AB-SLOPE-FAIL-6(0-2)

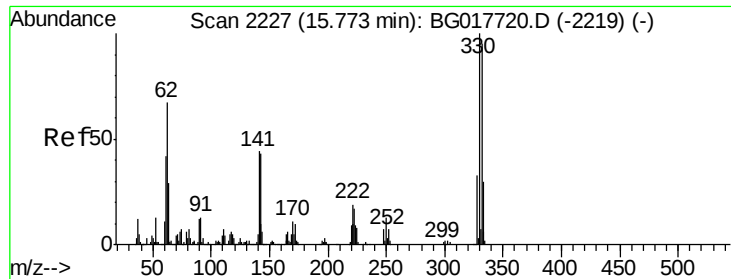
Tgt Ion: 82 Resp: 591819
 Ion Ratio Lower Upper
 82 100
 128 52.9 37.8 56.6
 54 43.8 39.9 59.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.24 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BG017969.D
 Acq: 19 Jul 2015 22:20

Tgt Ion: 164 Resp: 285080
 Ion Ratio Lower Upper
 164 100
 162 99.3 76.3 114.5
 160 43.8 33.7 50.5

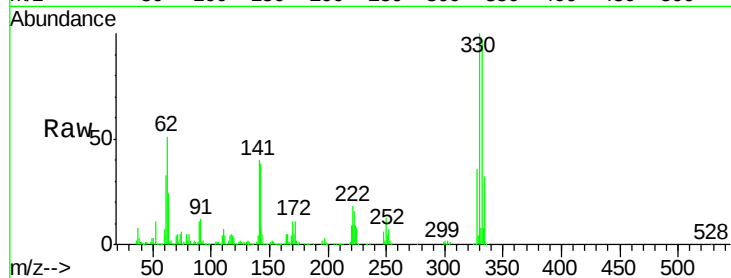




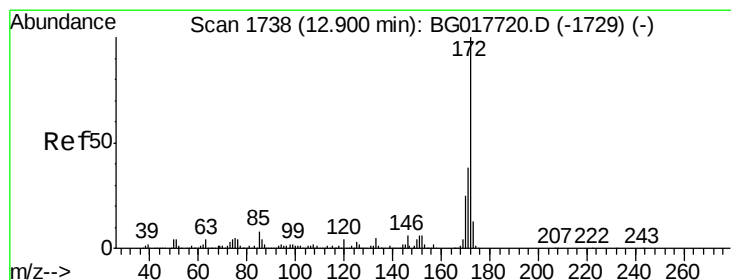
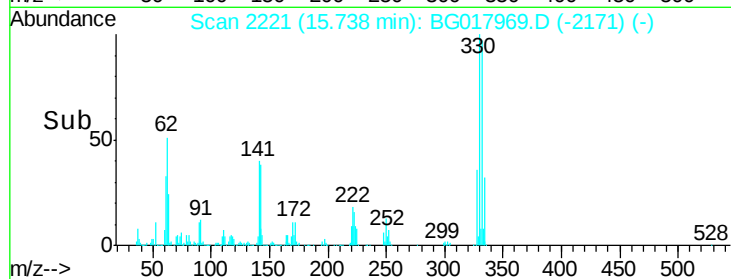
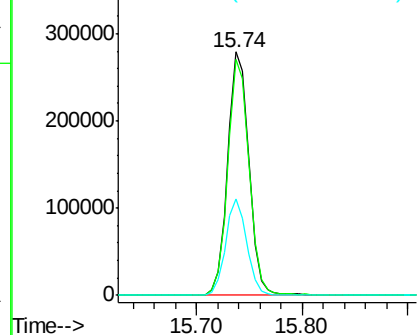
#41
 2,4,6-Tribromophenol
 Concen: 135.57 ng
 RT: 15.74 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG017969.D
 Acq: 19 Jul 2015 22:20

Instrument :
 BNA_G
 ClientSampleId :
 AB-SLOPE-FAIL-6(0-2)

Tgt Ion:330 Resp: 391563
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.8 115.2
 141 39.7 38.0 57.0

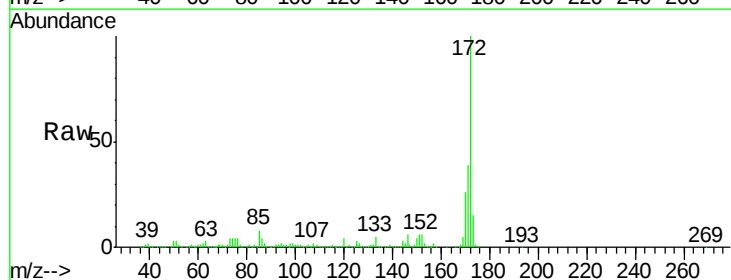


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

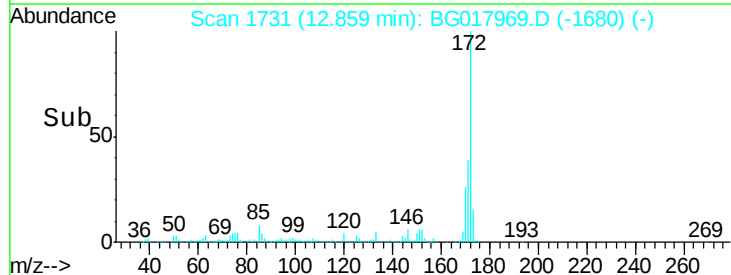
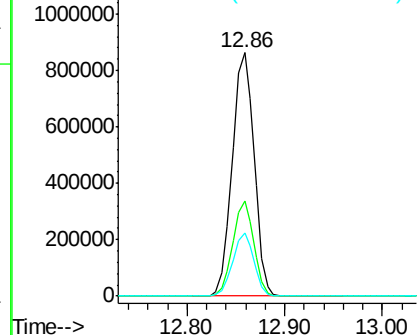


#44
 2-Fluorobiphenyl
 Concen: 81.54 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BG017969.D
 Acq: 19 Jul 2015 22:20

Tgt Ion:172 Resp: 1341319
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.7 46.1
 170 26.0 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





#49

Dimethylphthalate

Concen: 18.75 ng

RT: 13.70 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG017969.D

Acq: 19 Jul 2015 22:20

Instrument :

BNA_G

ClientSampleId :

AB-SLOPE-FAIL-6(0-2)

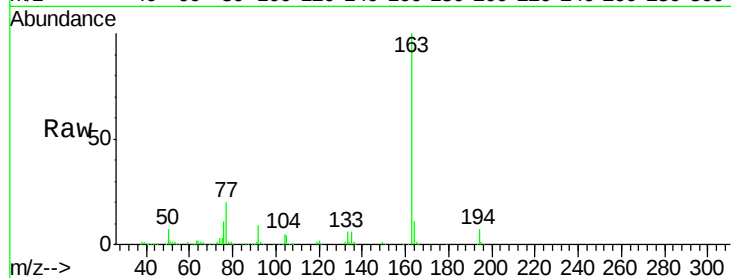
Tgt Ion:163 Resp: 371298

Ion Ratio Lower Upper

163 100

194 6.9 5.8 8.6

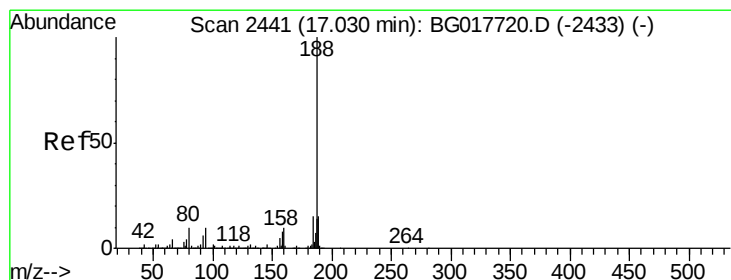
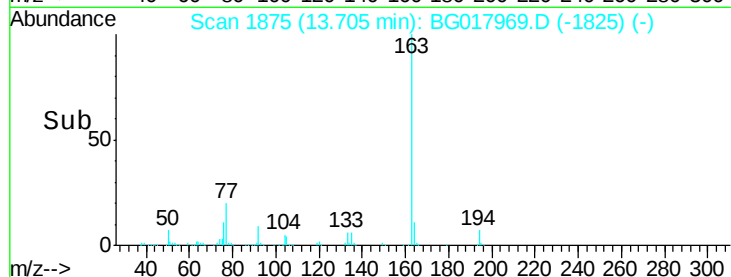
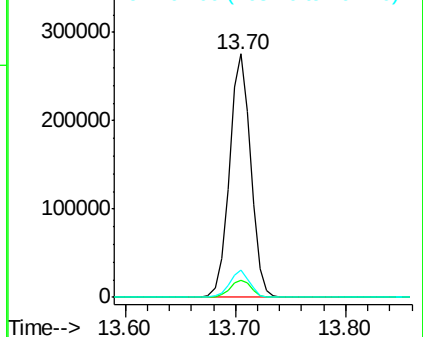
164 11.2 8.3 12.5



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: BG017969.D

Acq: 19 Jul 2015 22:20

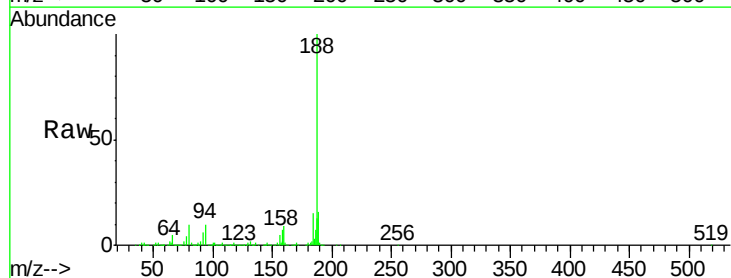
Tgt Ion:188 Resp: 596891

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

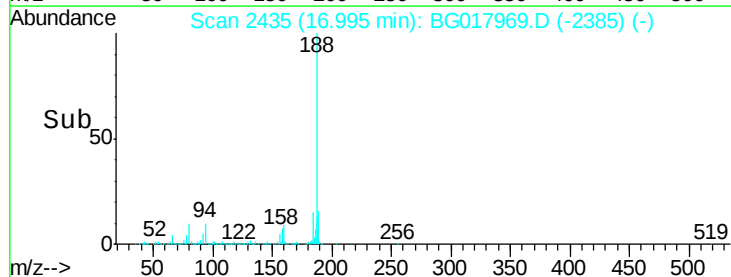
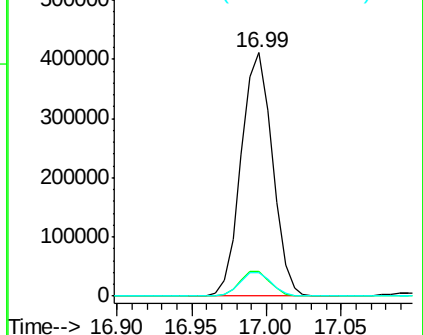
80 9.8 8.2 12.4

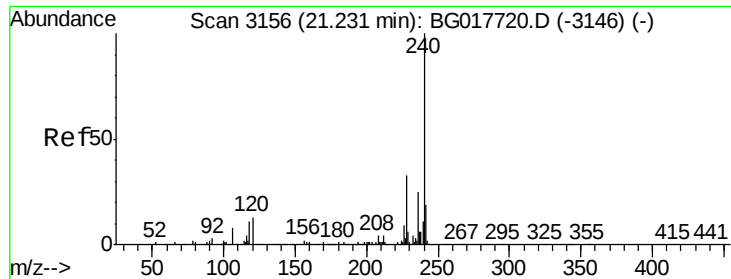


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG017969.D

Acq: 19 Jul 2015 22:20

Instrument :

BNA_G

ClientSampleId :

AB-SLOPE-FAIL-6(0-2)

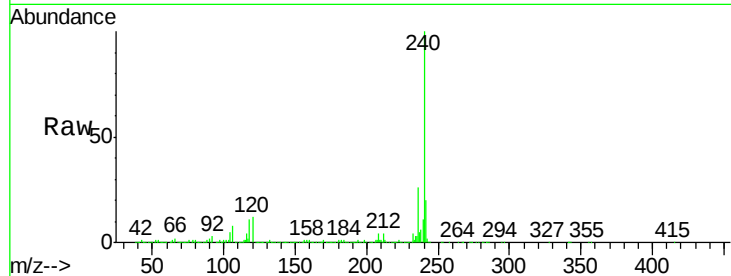
Tgt Ion:240 Resp: 585289

Ion Ratio Lower Upper

240 100

120 12.3 10.8 16.2

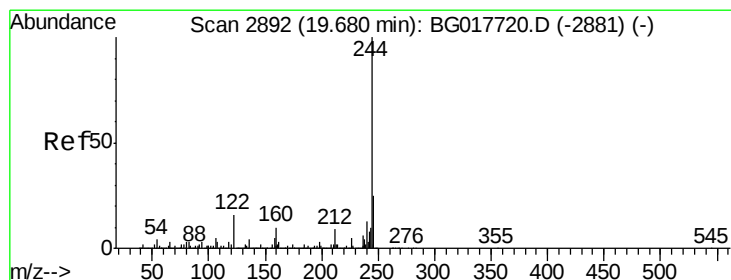
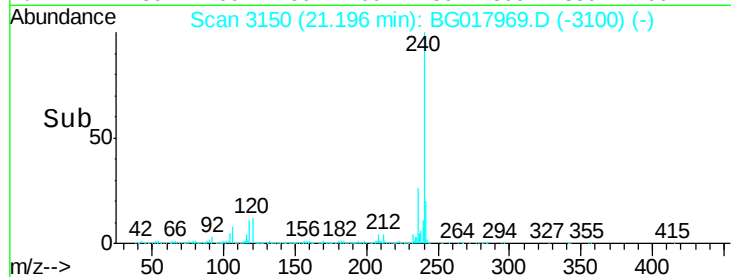
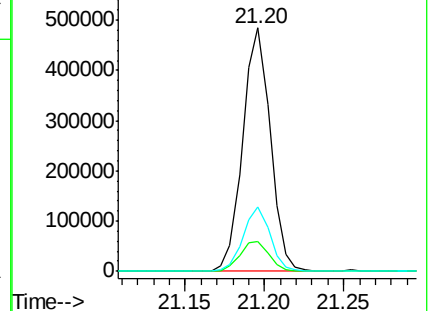
236 26.3 20.0 30.0



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: 70.17 ng

RT: 19.64 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG017969.D

Acq: 19 Jul 2015 22:20

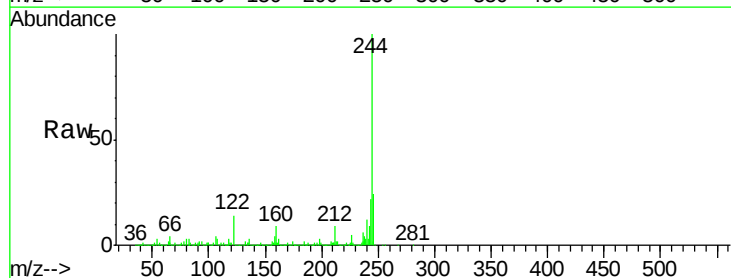
Tgt Ion:244 Resp: 1630455

Ion Ratio Lower Upper

244 100

212 8.7 7.2 10.8

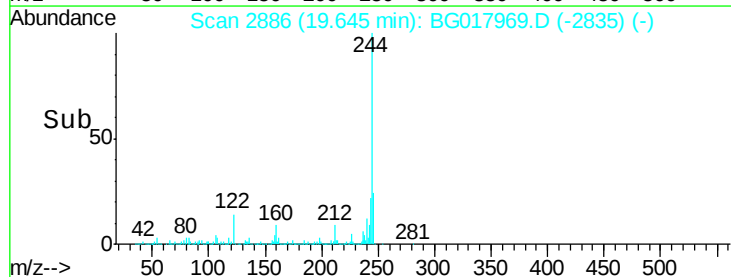
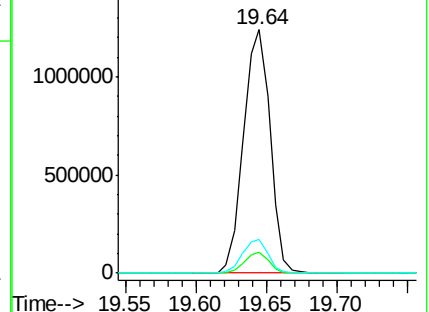
122 13.6 12.8 19.2

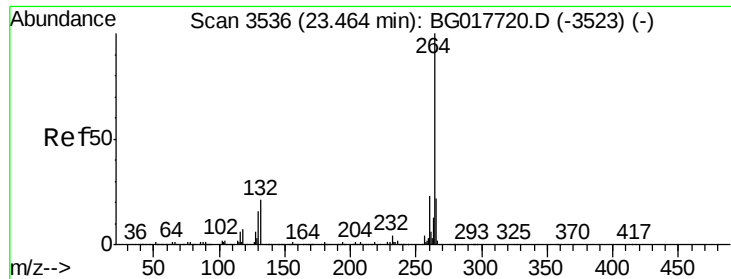


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.01 min

Lab File: BG017969.D

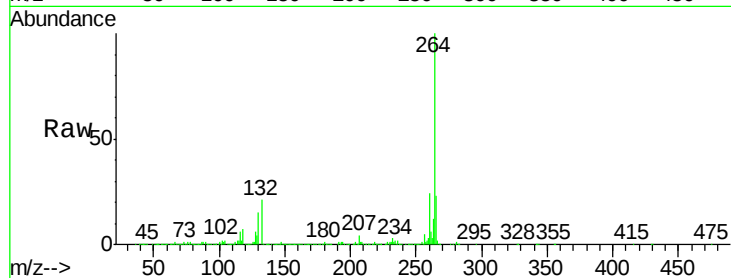
Acq: 19 Jul 2015 22:20

Instrument :

BNA_G

ClientSampleId :

AB-SLOPE-FAIL-6(0-2)



Tgt Ion: 264 Resp: 578578

Ion Ratio Lower Upper

264 100

260 24.2 18.6 27.8

265 23.2 18.2 27.2

