

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
 Data File : BG017143.D
 Acq On : 14 May 2015 16:40
 Operator : TP/IZ
 Sample : G2177-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PS-19(10-15)

Quant Time: May 15 04:18:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 16:12:13 2015
 Response via : Initial Calibration

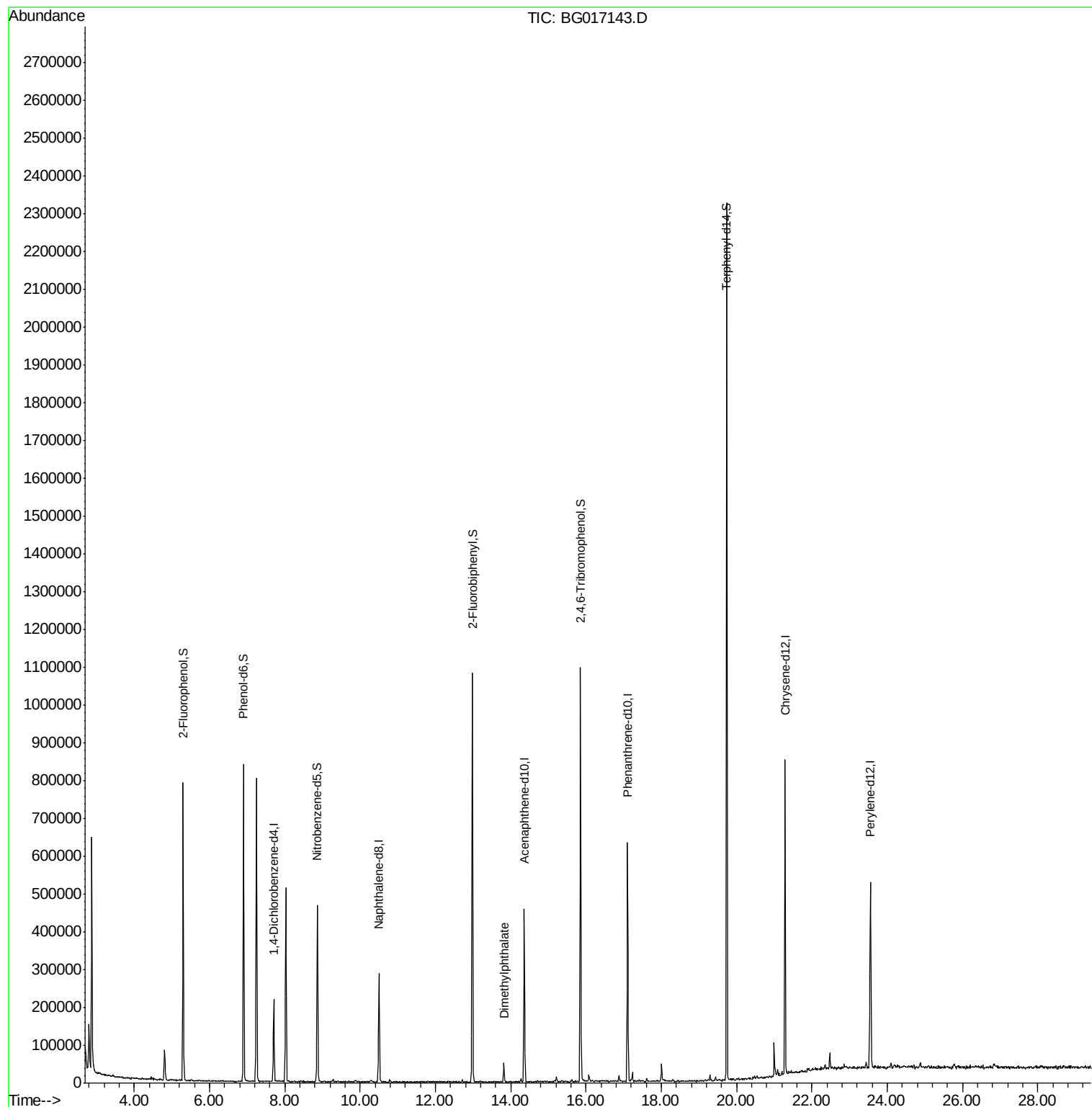
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	49662	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	211688	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	141588	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	331542	20.00	ng	0.00
75) Chrysene-d12	21.29	240	342766	20.00	ng	0.00
86) Perylene-d12	23.56	264	338253	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	274800	98.18	ng	0.00
7) Phenol-d6	6.90	99	378897	96.46	ng	0.00
23) Nitrobenzene-d5	8.87	82	240407	53.02	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	143272	83.71	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	504472	52.28	ng	0.00
78) Terphenyl-d14	19.74	244	866119	52.66	ng	0.00
Target Compounds						
9) Benzaldehyde	6.90	77	868	Below Cal	#	6
49) Dimethylphthalate	13.82	163	28156	2.54 ng	#	91

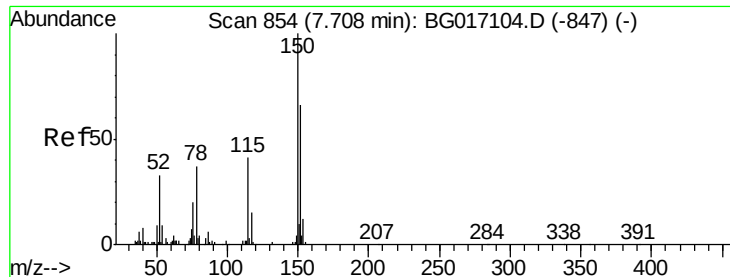
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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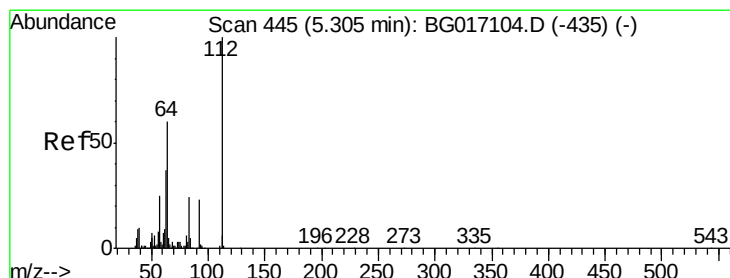
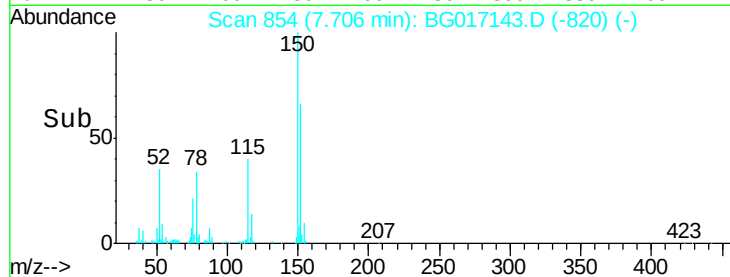
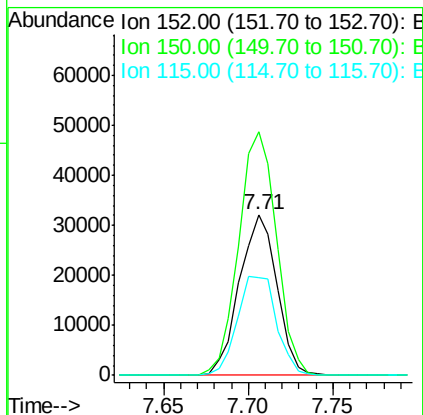
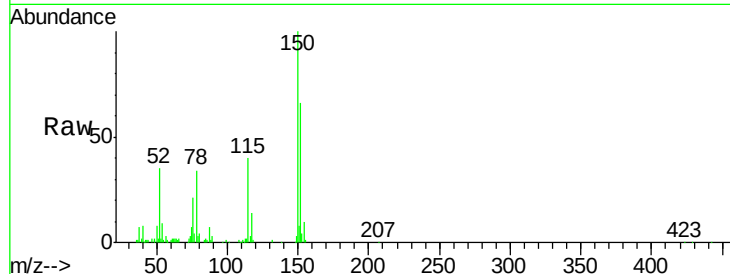


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 854
Delta R.T. -0.00 min
Lab File: BG017143.D
Acq: 14 May 2015 16:40

Instrument :
BNA_G
ClientSampleId :
PS-19(10-15)

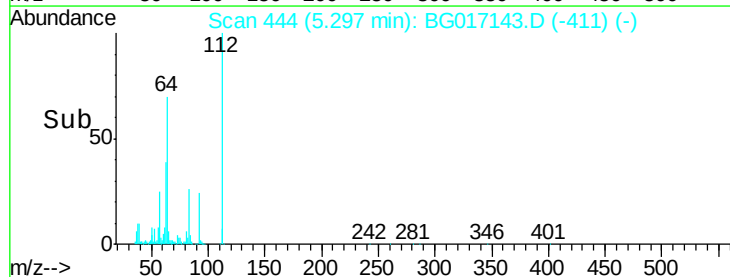
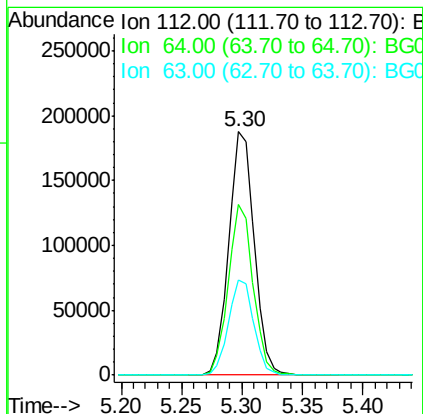
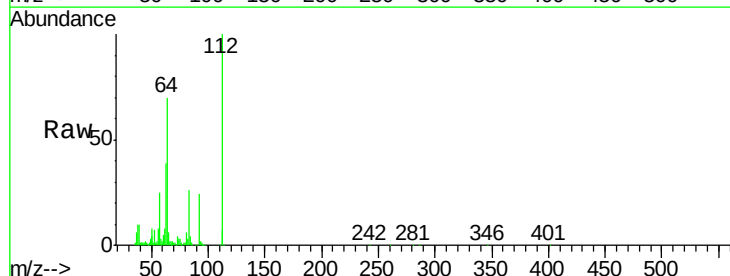
Tgt Ion:152 Resp: 49662
Ion Ratio Lower Upper
152 100
150 151.2 120.8 181.2
115 61.0 49.4 74.2

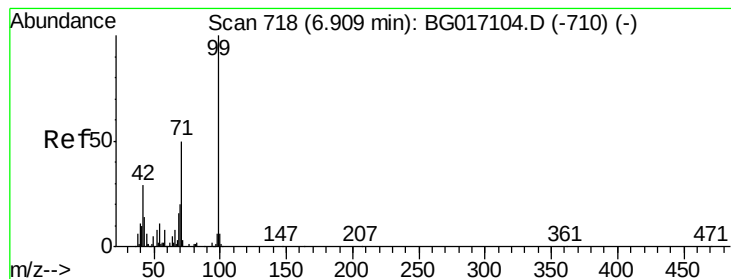


#5

2-Fluorophenol
Concen: 98.18 ng
RT: 5.30 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG017143.D
Acq: 14 May 2015 16:40

Tgt Ion:112 Resp: 274800
Ion Ratio Lower Upper
112 100
64 70.2 48.1 72.1
63 38.9 29.8 44.8





#7

Phenol-d6

Concen: 96.46 ng

RT: 6.90 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG017143.D

Acq: 14 May 2015 16:40

Instrument :

BNA_G

ClientSampleId :

PS-19(10-15)

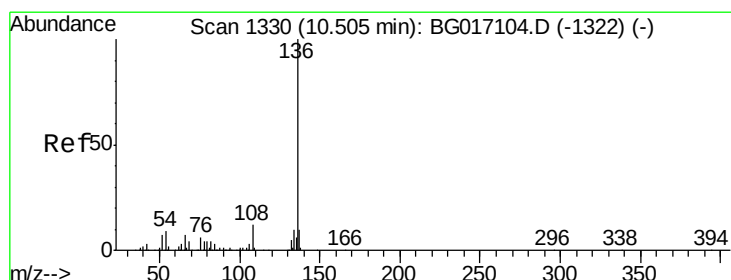
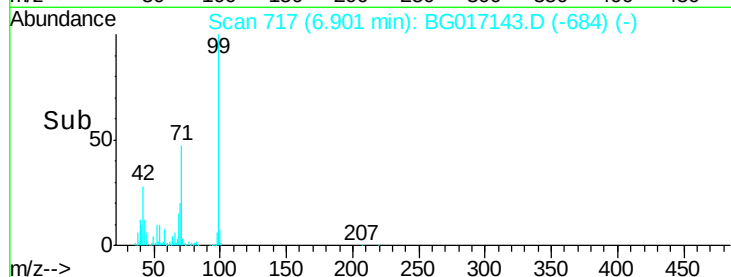
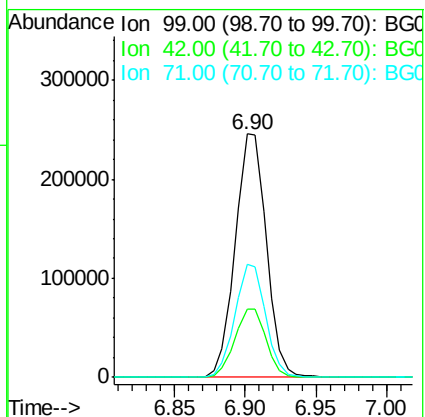
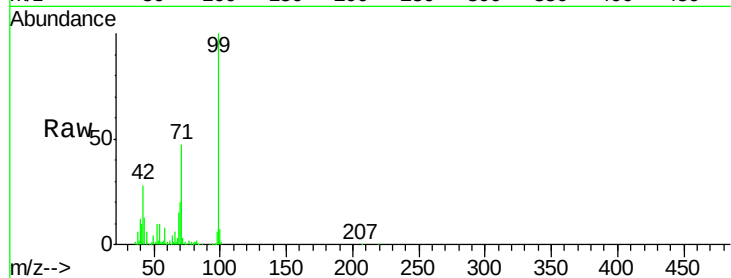
Tgt Ion: 99 Resp: 378897

Ion Ratio Lower Upper

99 100

42 28.2 23.5 35.3

71 46.6 39.8 59.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.50 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG017143.D

Acq: 14 May 2015 16:40

Tgt Ion: 136 Resp: 211688

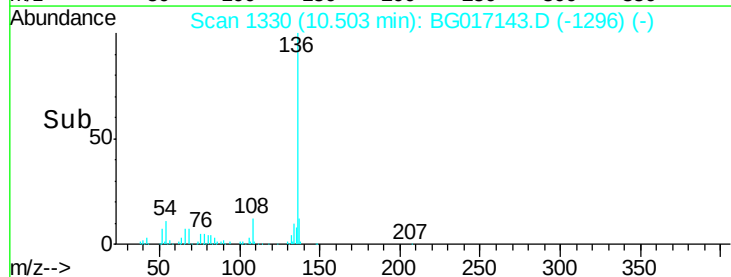
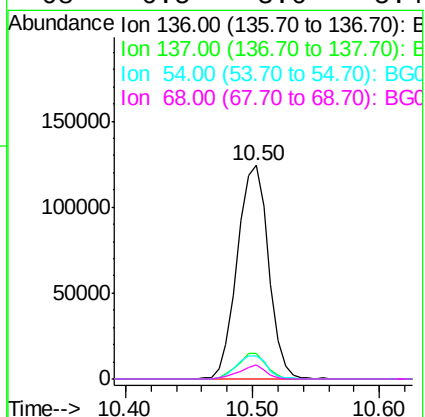
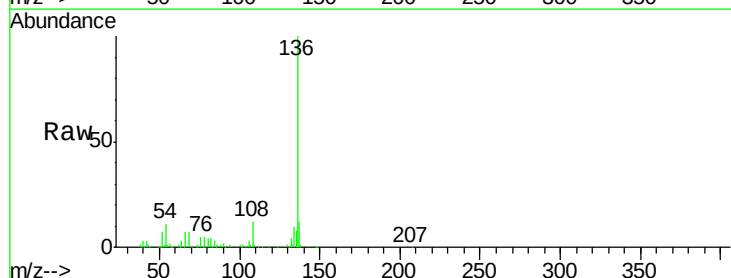
Ion Ratio Lower Upper

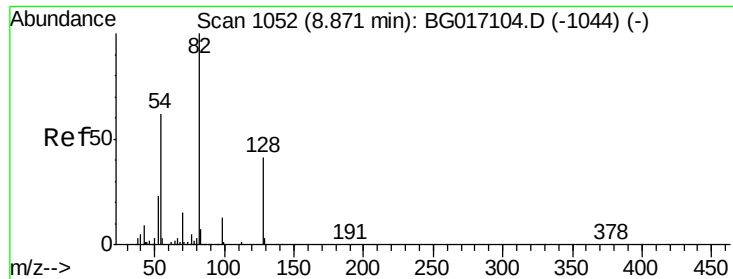
136 100

137 12.3 8.3 12.5

54 10.7 7.4 11.2

68 6.5 3.6 5.4#

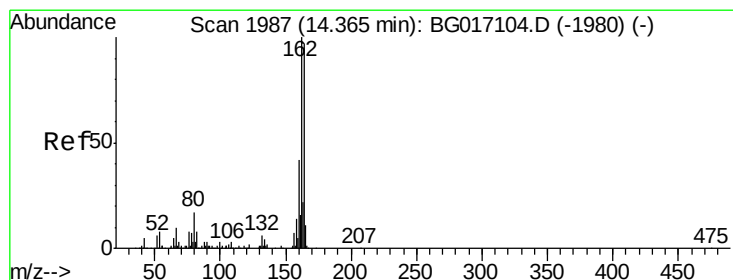
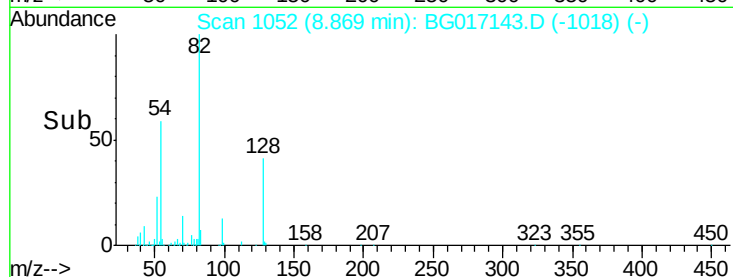
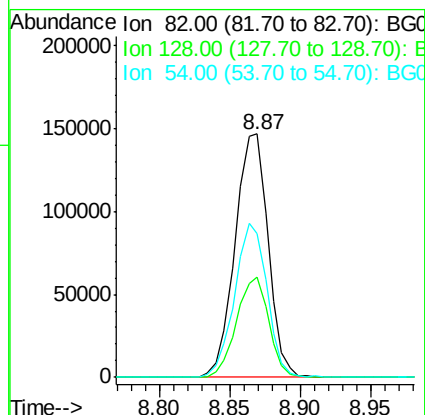
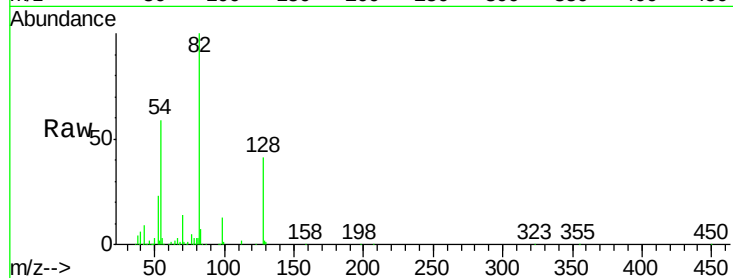




#23
 Nitrobenzene-d5
 Concen: 53.02 ng
 RT: 8.87 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BG017143.D
 Acq: 14 May 2015 16:40

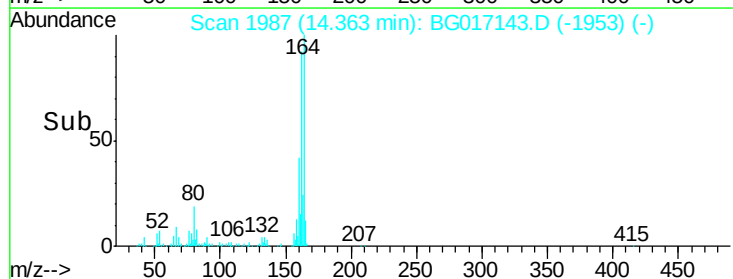
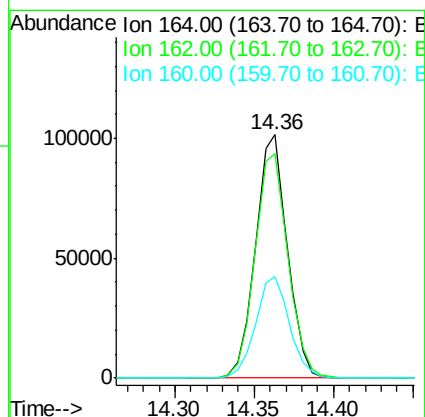
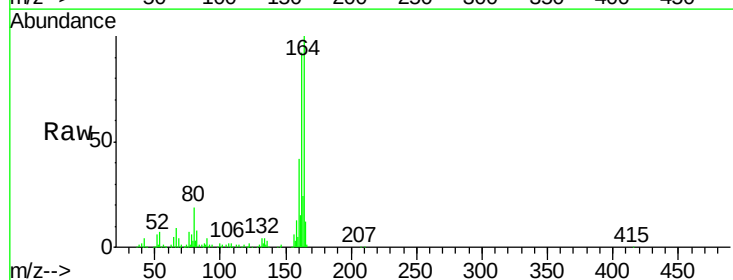
Instrument :
 BNA_G
 ClientSampleId :
 PS-19(10-15)

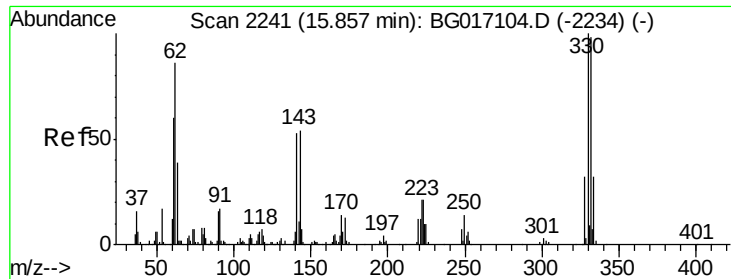
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.6	49.0
54	59.1	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.36 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG017143.D
 Acq: 14 May 2015 16:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	92.3	82.1	123.1
160	41.8	34.8	52.2

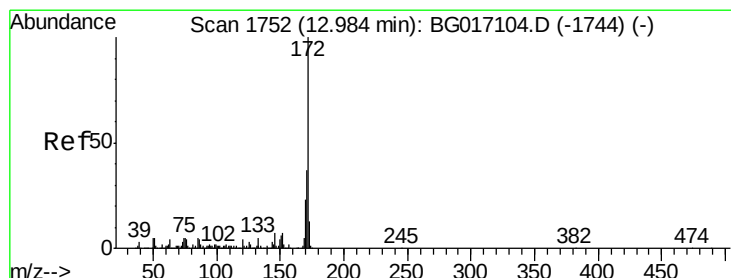
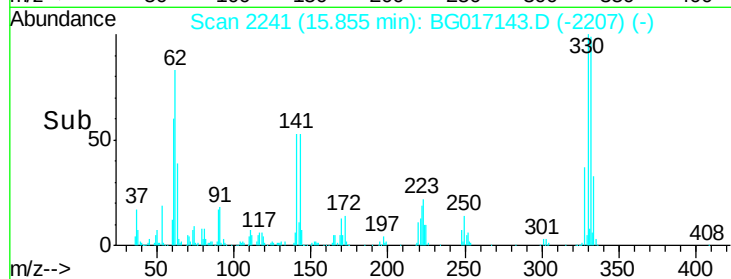
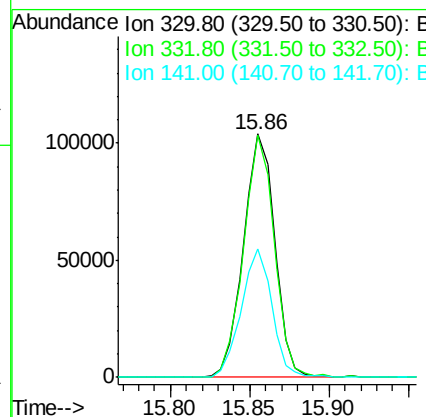
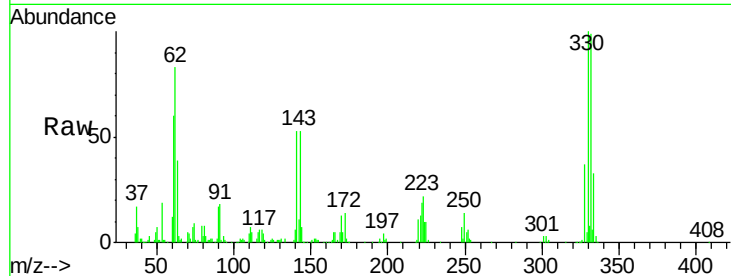




#41
 2,4,6-Tribromophenol
 Concen: 83.71 ng
 RT: 15.86 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: BG017143.D
 Acq: 14 May 2015 16:40

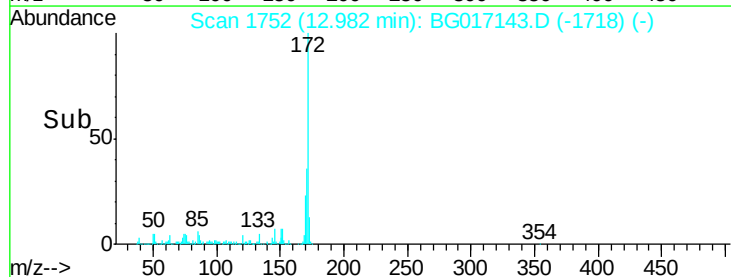
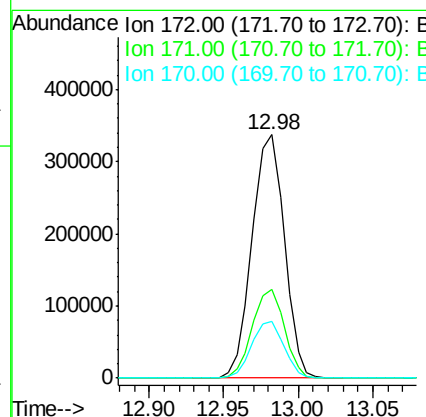
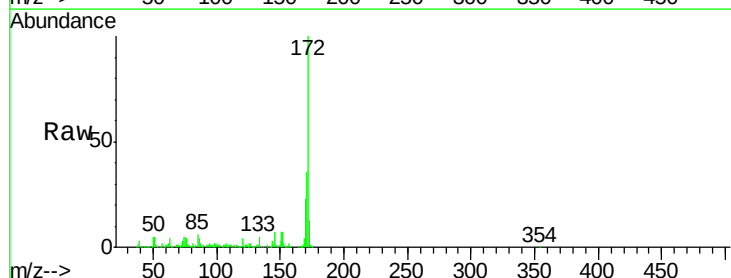
Instrument :
 BNA_G
 ClientSampleId :
 PS-19(10-15)

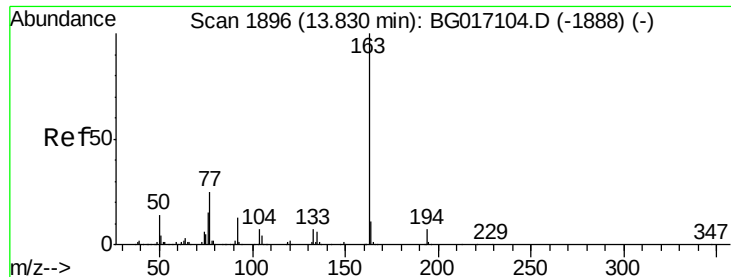
Tgt Ion:330 Resp: 143272
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.9 115.3
 141 51.5 42.2 63.2



#44
 2-Fluorobiphenyl
 Concen: 52.28 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG017143.D
 Acq: 14 May 2015 16:40

Tgt Ion:172 Resp: 504472
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.1 18.4 27.6





#49

Dimethylphthalate

Concen: 2.54 ng

RT: 13.82 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BG017143.D

Acq: 14 May 2015 16:40

Instrument :

BNA_G

ClientSampleId :

PS-19(10-15)

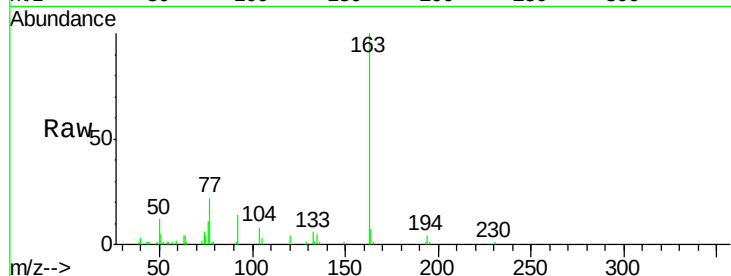
Tgt Ion:163 Resp: 28156

Ion Ratio Lower Upper

163 100

194 4.4 5.6 8.4#

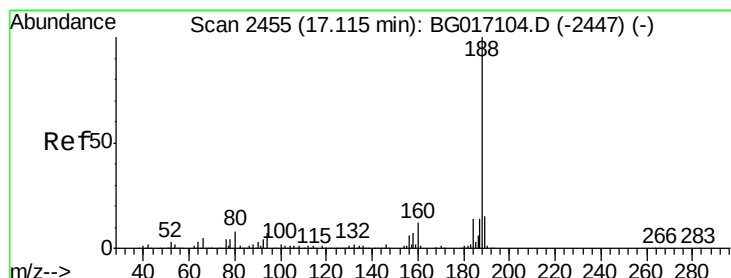
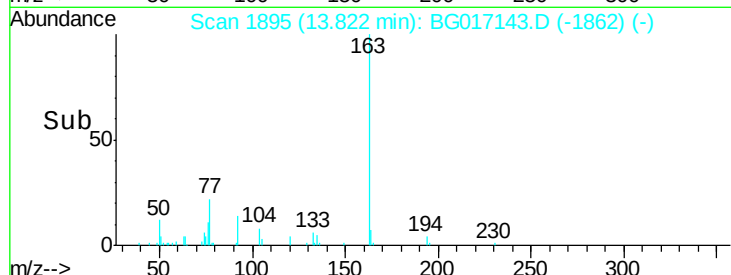
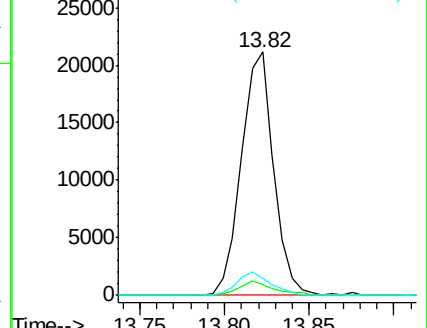
164 7.0 8.6 13.0#



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: 17.11 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BG017143.D

Acq: 14 May 2015 16:40

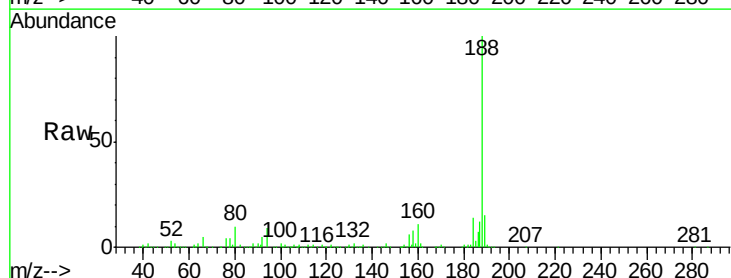
Tgt Ion:188 Resp: 331542

Ion Ratio Lower Upper

188 100

94 9.3 5.8 8.6#

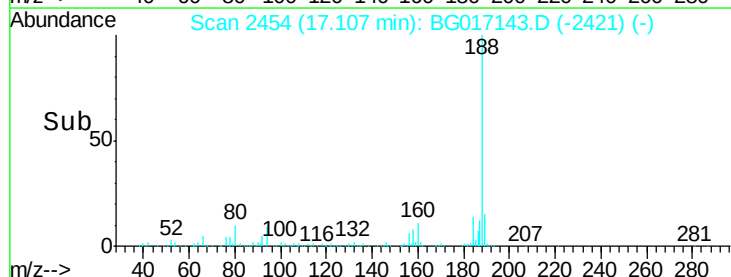
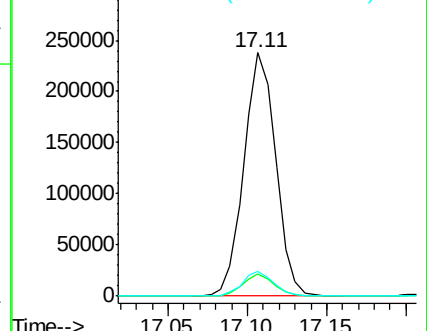
80 10.0 6.5 9.7#

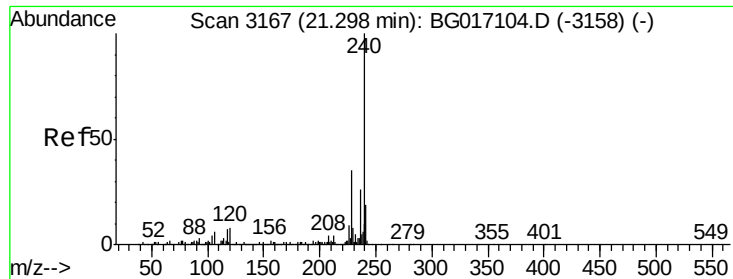


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.29 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG017143.D

Acq: 14 May 2015 16:40

Instrument :

BNA_G

ClientSampleId :

PS-19(10-15)

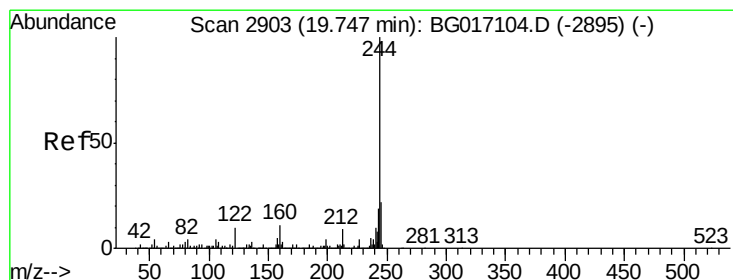
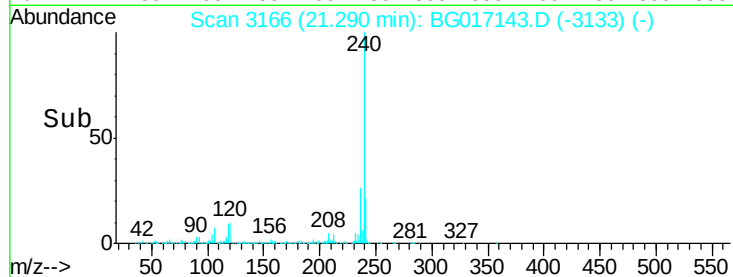
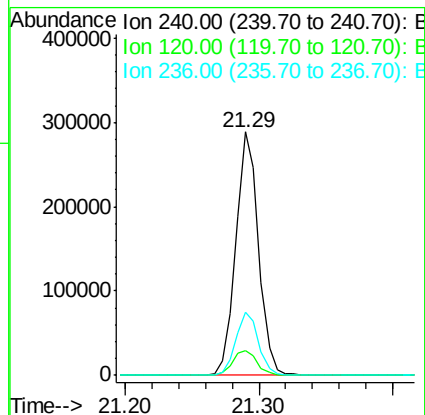
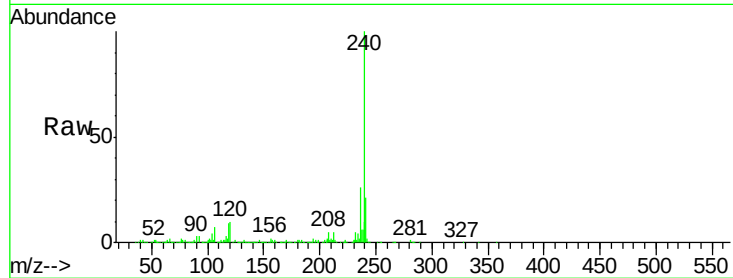
Tgt Ion:240 Resp: 342766

Ion Ratio Lower Upper

240 100

120 10.4 6.0 9.0#

236 26.2 20.5 30.7



#78

Terphenyl-d14

Concen: 52.66 ng

RT: 19.74 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG017143.D

Acq: 14 May 2015 16:40

Tgt Ion:244 Resp: 866119

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.4

122 11.8 8.4 12.6

