

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052715\
 Data File : BG017302.D
 Acq On : 27 May 2015 15:06
 Operator : TP/IZ
 Sample : PB83599BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83599BL

Quant Time: May 28 03:20:00 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 02:22:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	24020	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	101795	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	62631	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	158289	20.00	ng	0.00
75) Chrysene-d12	21.25	240	184372	20.00	ng	0.00
86) Perylene-d12	23.50	264	179455	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	198895	146.91	ng	0.00
7) Phenol-d6	6.86	99	253451	133.40	ng	0.00
23) Nitrobenzene-d5	8.82	82	166474	76.35	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	108238	142.96	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	343297	80.43	ng	0.00
78) Terphenyl-d14	19.70	244	708140	80.04	ng	0.00

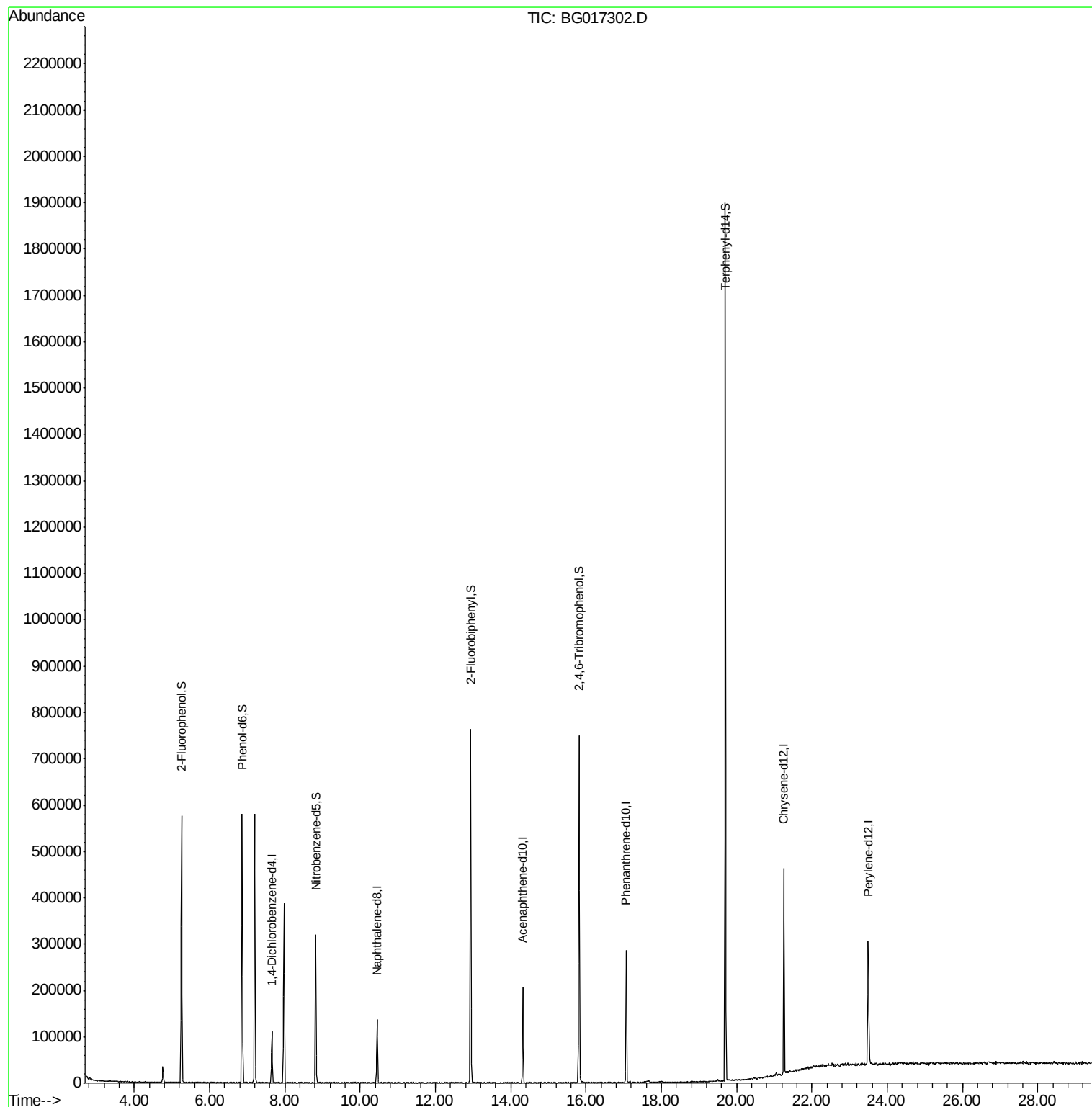
Target Compounds	Qvalue
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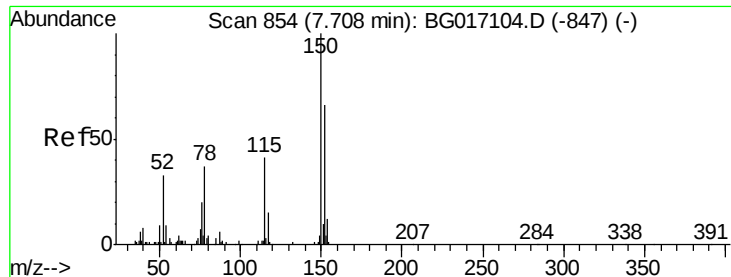
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG017302.D

Acq: 27 May 2015 15:06

Instrument :

BNA_G

ClientSampleId :

PB83599BL

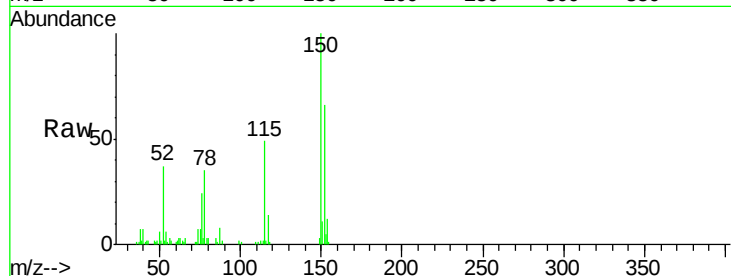
Tgt Ion:152 Resp: 24020

Ion Ratio Lower Upper

152 100

150 151.4 120.8 181.2

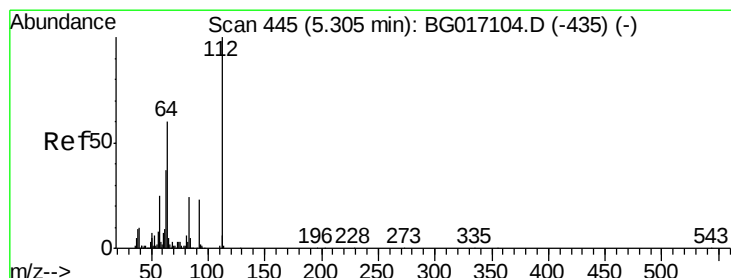
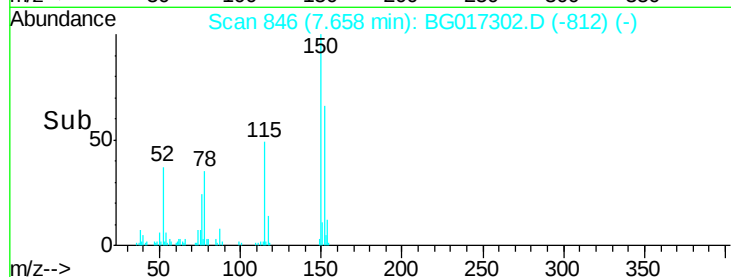
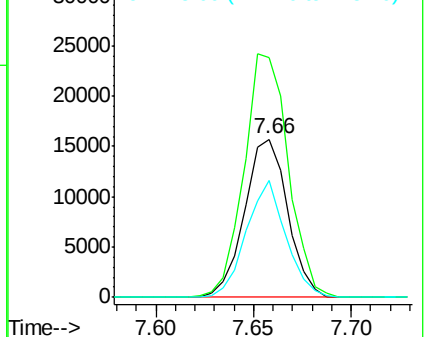
115 74.0 49.4 74.2



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: 146.91 ng

RT: 5.25 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG017302.D

Acq: 27 May 2015 15:06

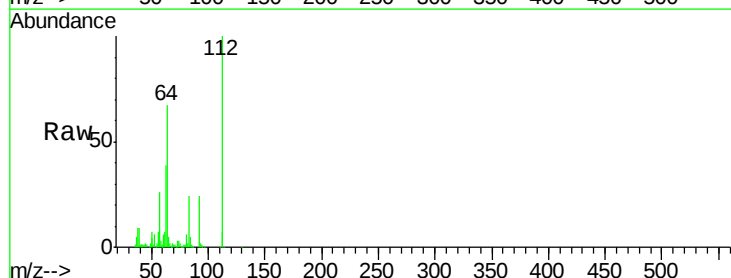
Tgt Ion:112 Resp: 198895

Ion Ratio Lower Upper

112 100

64 67.2 48.1 72.1

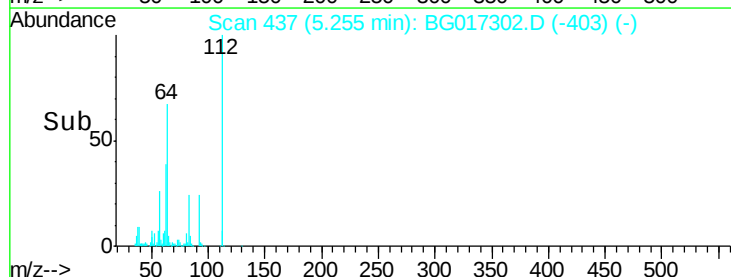
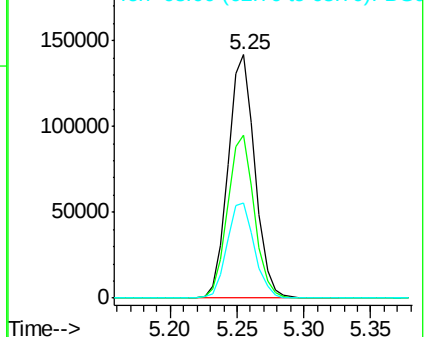
63 38.9 29.8 44.8

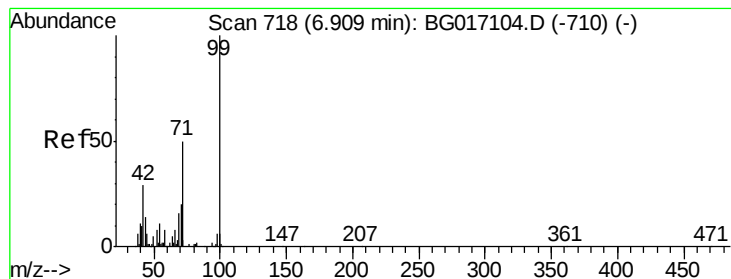


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 133.40 ng

RT: 6.86 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG017302.D

Acq: 27 May 2015 15:06

Instrument :

BNA_G

ClientSampleId :

PB83599BL

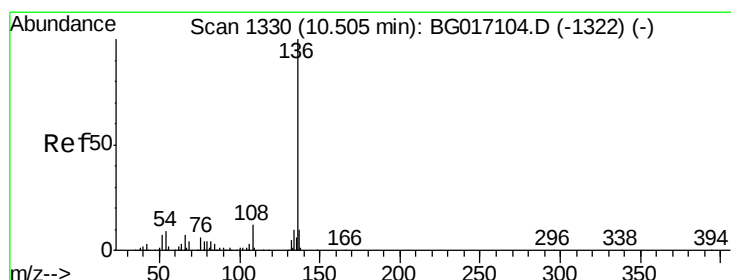
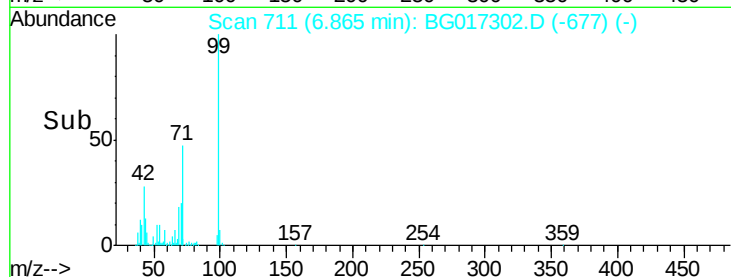
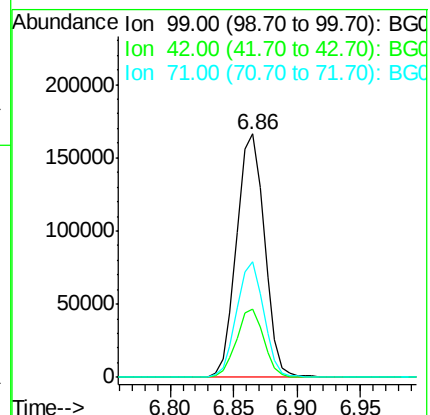
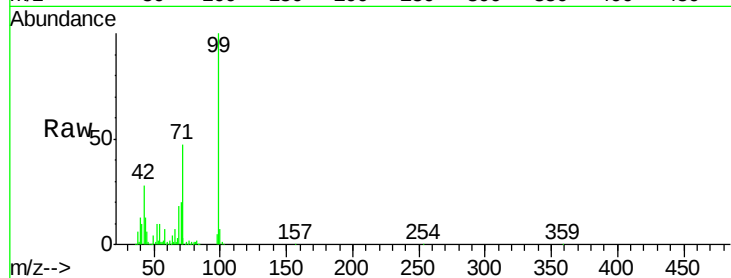
Tgt Ion: 99 Resp: 253451

Ion Ratio Lower Upper

99 100

42 28.3 23.5 35.3

71 47.3 39.8 59.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.45 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG017302.D

Acq: 27 May 2015 15:06

Tgt Ion: 136 Resp: 101795

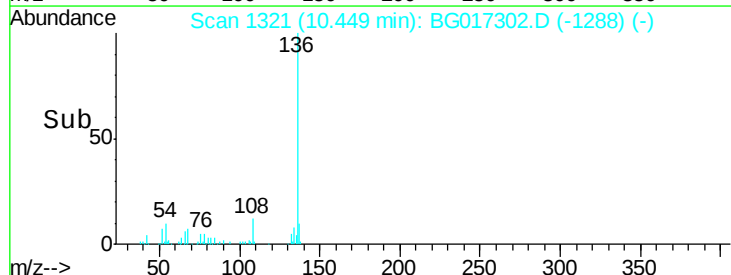
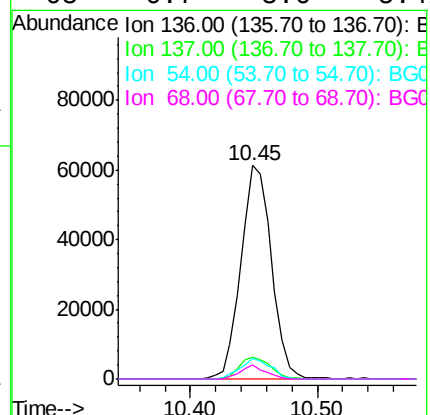
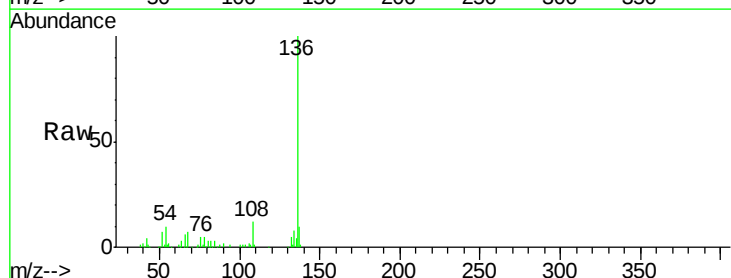
Ion Ratio Lower Upper

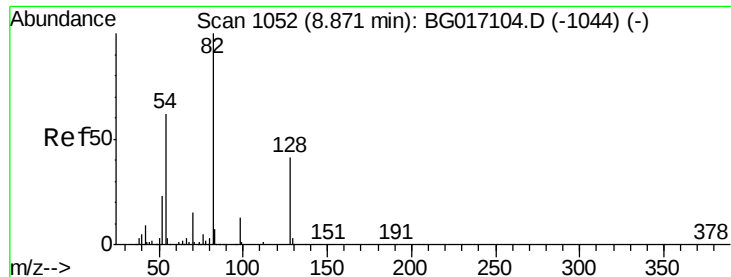
136 100

137 10.5 8.3 12.5

54 9.7 7.4 11.2

68 6.7 3.6 5.4#

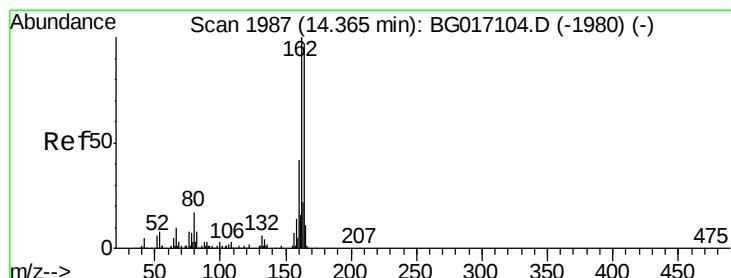
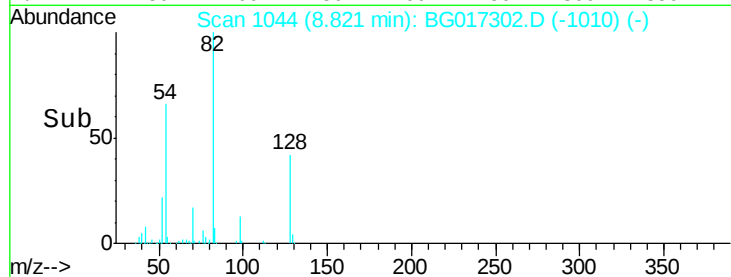
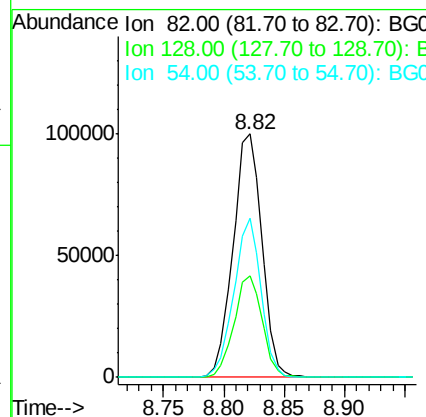
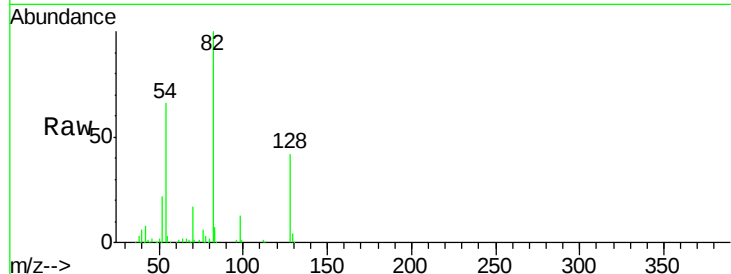




#23
 Nitrobenzene-d5
 Concen: 76.35 ng
 RT: 8.82 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BG017302.D
 Acq: 27 May 2015 15:06

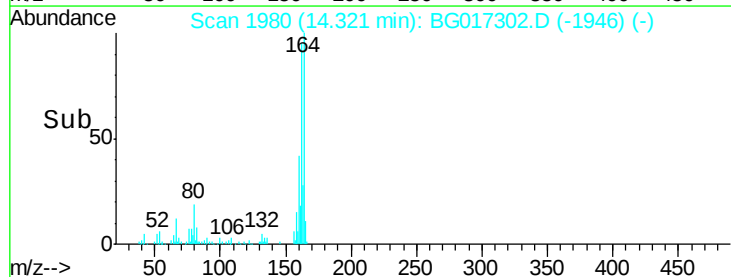
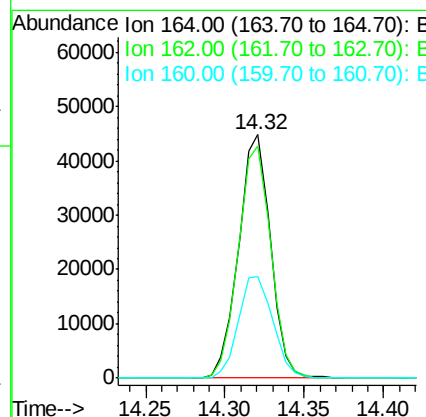
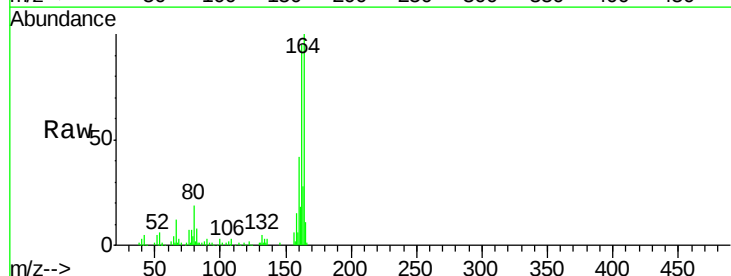
Instrument :
 BNA_G
 ClientSampleId :
 PB83599BL

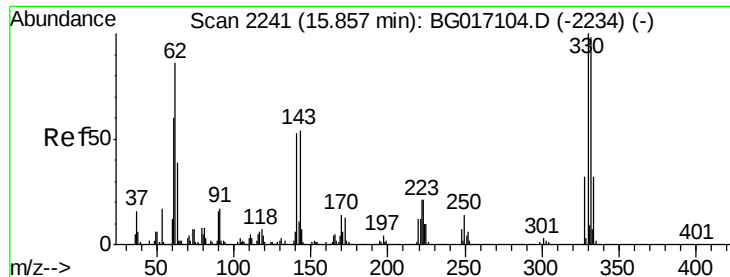
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.6	49.0
54	65.6	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.32 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG017302.D
 Acq: 27 May 2015 15:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.2	82.1	123.1
160	41.5	34.8	52.2

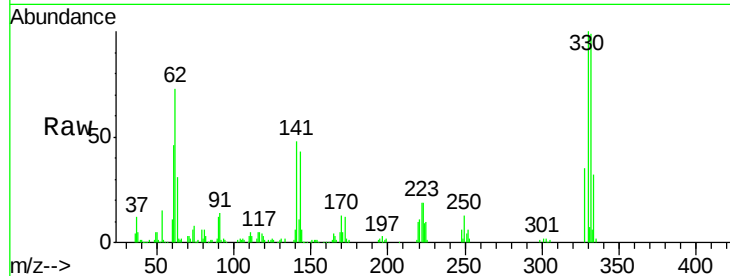




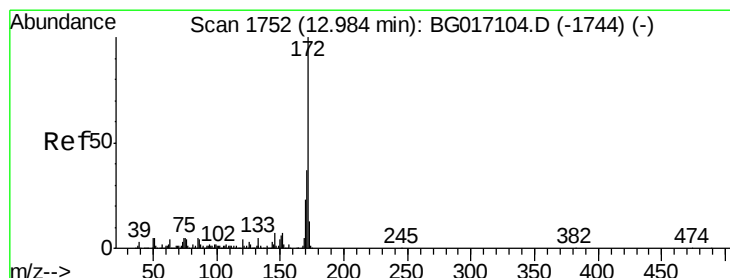
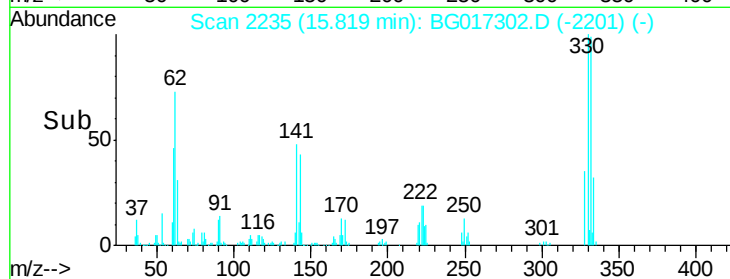
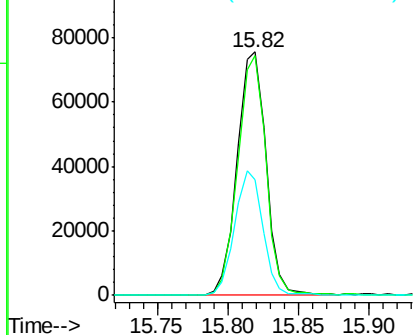
#41
 2,4,6-Tribromophenol
 Concen: 142.96 ng
 RT: 15.82 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG017302.D
 Acq: 27 May 2015 15:06

Instrument :
 BNA_G
 ClientSampleID :
 PB83599BL

Tgt Ion: 330 Resp: 108238
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.9 115.3
 141 50.0 42.2 63.2

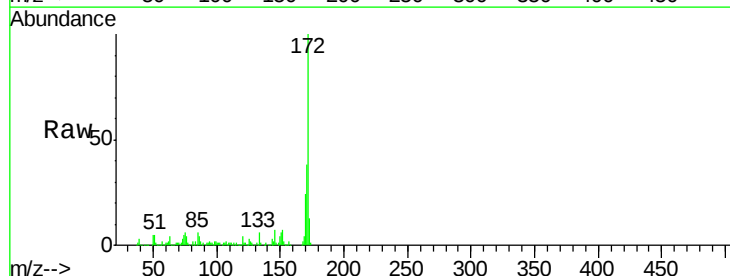


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

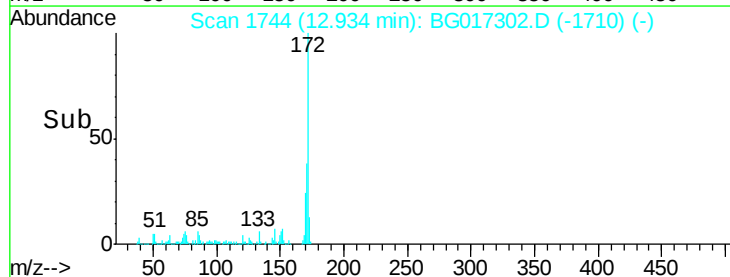
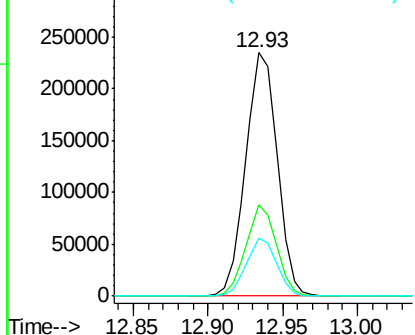


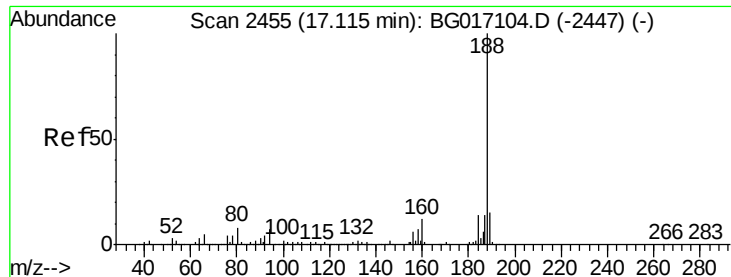
#44
 2-Fluorobiphenyl
 Concen: 80.43 ng
 RT: 12.93 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG017302.D
 Acq: 27 May 2015 15:06

Tgt Ion: 172 Resp: 343297
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.7 44.5
 170 23.8 18.4 27.6



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: 17.06 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BG017302.D

Acq: 27 May 2015 15:06

Instrument :

BNA_G

ClientSampleId :

PB83599BL

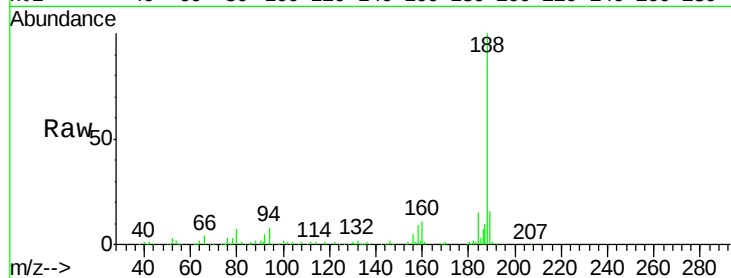
Tgt Ion:188 Resp: 158289

Ion Ratio Lower Upper

188 100

94 8.0 5.8 8.6

80 7.5 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

17.06

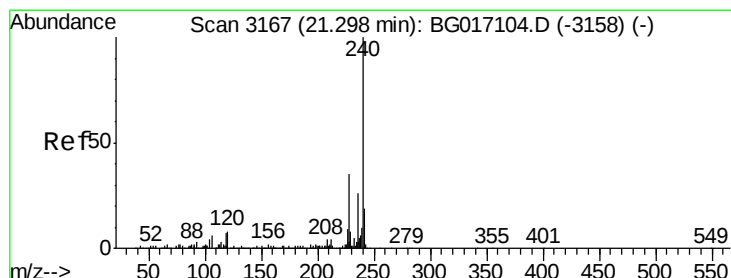
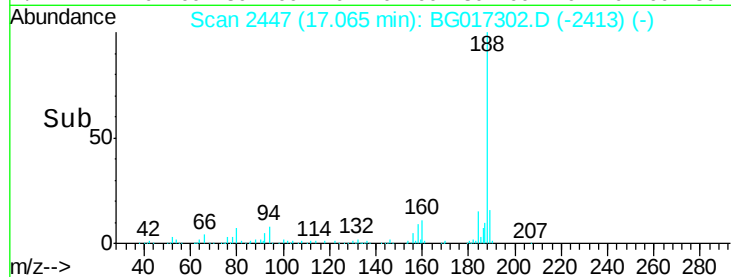
100000

50000

0

17.00 17.10

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.25 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG017302.D

Acq: 27 May 2015 15:06

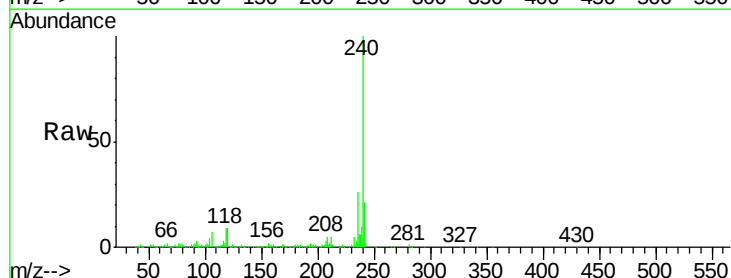
Tgt Ion:240 Resp: 184372

Ion Ratio Lower Upper

240 100

120 9.0 6.0 9.0

236 26.1 20.5 30.7



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

21.25

200000

150000

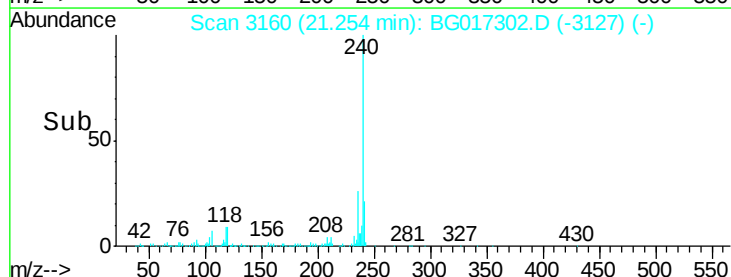
100000

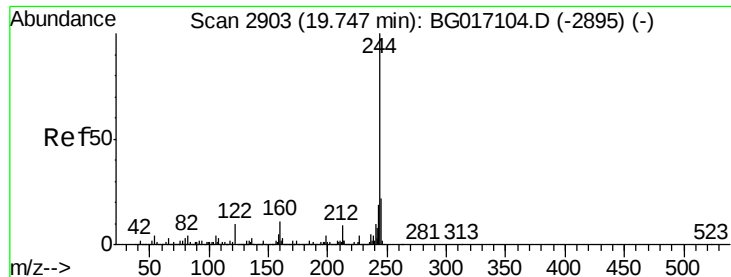
50000

0

21.20 21.30

Time-->





#78

Terphenyl-d14

Concen: 80.04 ng

RT: 19.70 min Scan# 2896

Delta R.T. -0.00 min

Lab File: BG017302.D

Acq: 27 May 2015 15:06

Instrument :

BNA_G

ClientSampleId :

PB83599BL

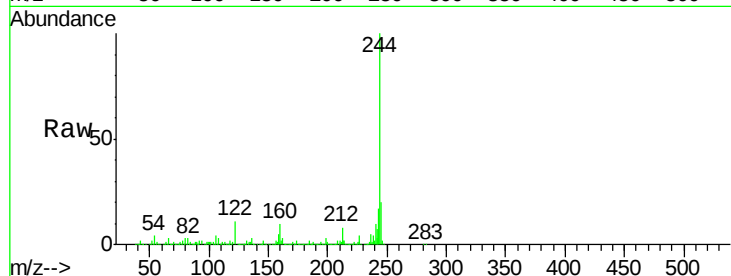
Tgt Ion:244 Resp: 708140

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.4

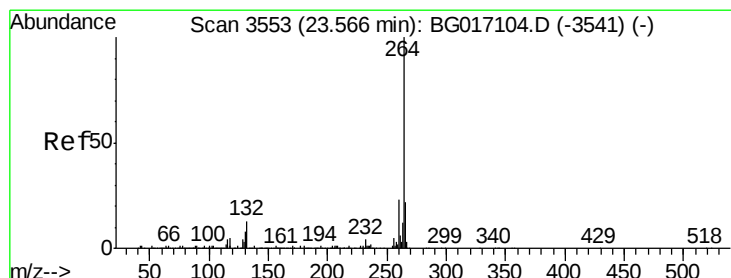
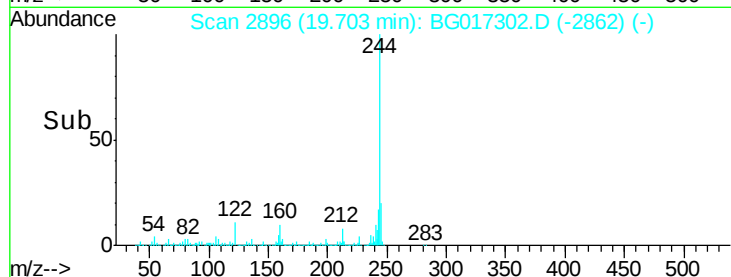
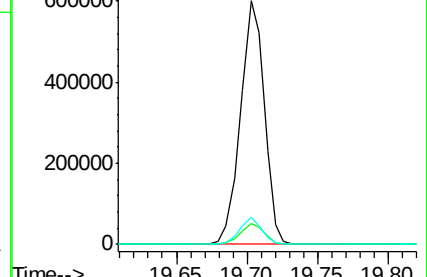
122 11.0 8.4 12.6



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: 23.50 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG017302.D

Acq: 27 May 2015 15:06

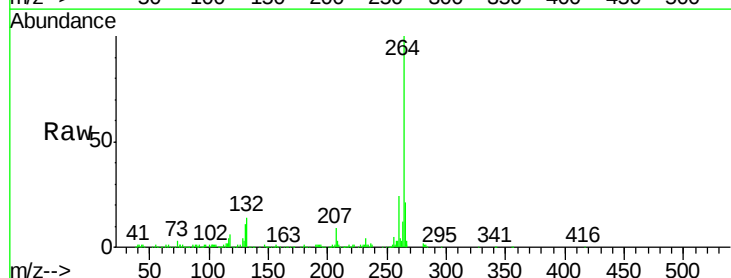
Tgt Ion:264 Resp: 179455

Ion Ratio Lower Upper

264 100

260 23.6 18.0 27.0

265 21.1 17.4 26.0



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

