

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
 Data File : BG017129.D
 Acq On : 14 May 2015 4:27
 Operator : TP/IZ
 Sample : G2173-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-61

Quant Time: May 14 07:18:40 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 06:13:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	52473	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	225633	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	152925	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	340690	20.00	ng	0.00
75) Chrysene-d12	21.29	240	336362	20.00	ng	0.00
86) Perylene-d12	23.56	264	330651	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	195156	65.99	ng	0.00
7) Phenol-d6	6.91	99	167911	40.46	ng	0.00
23) Nitrobenzene-d5	8.87	82	382391	79.12	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	245411	132.75	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	817391	78.43	ng	0.00
78) Terphenyl-d14	19.74	244	1289244	79.87	ng	0.00

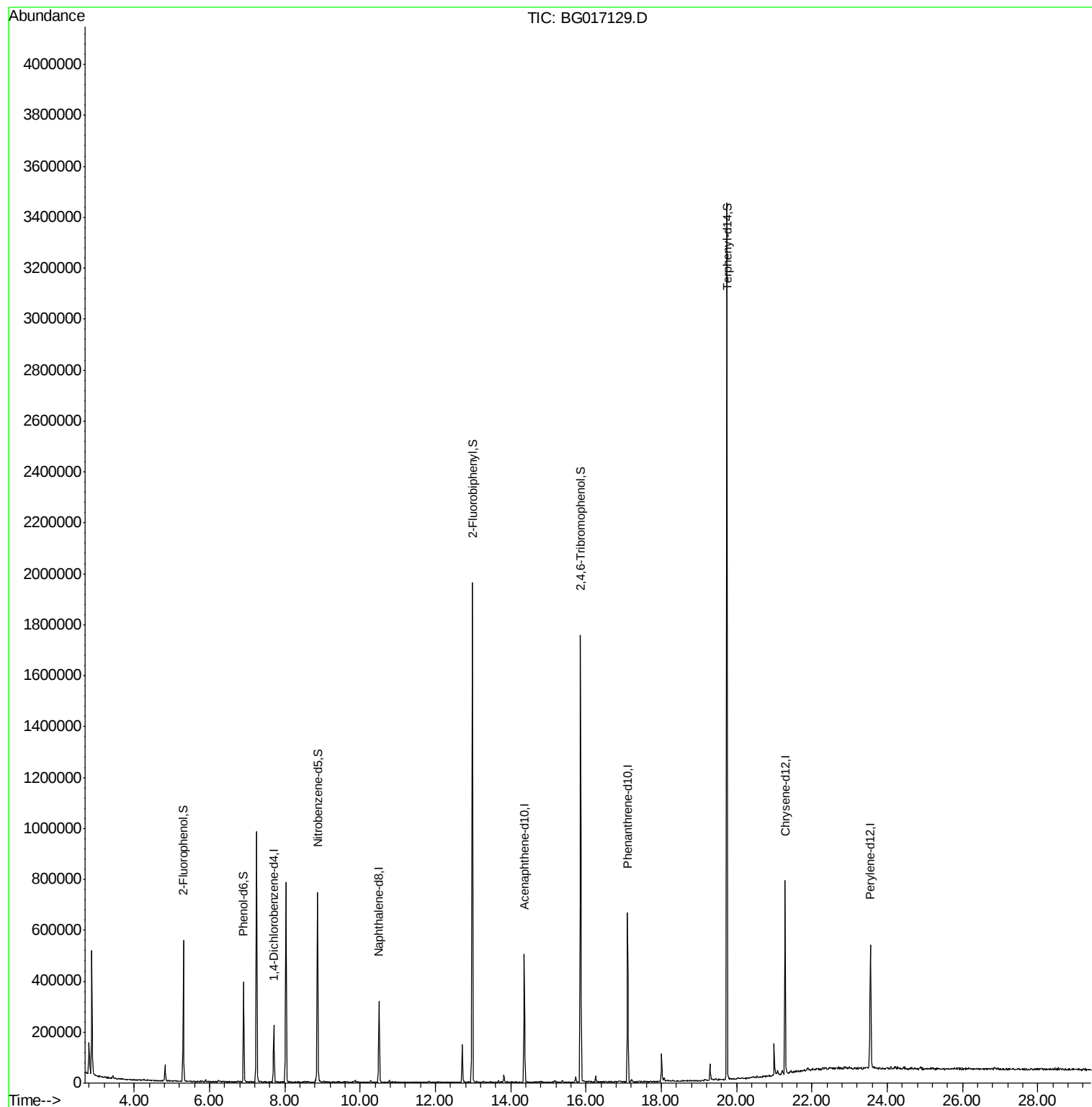
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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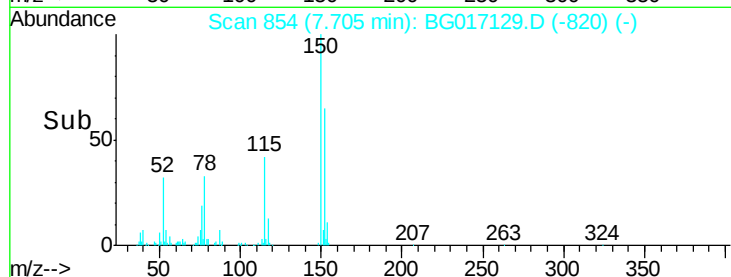
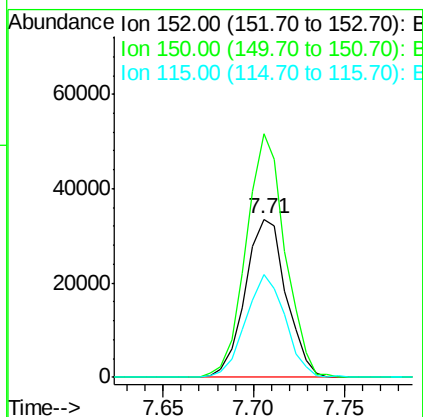
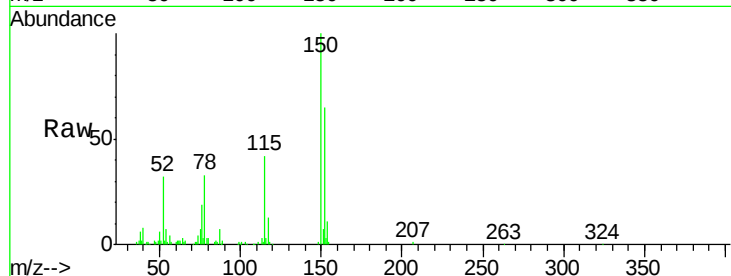


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 854
Delta R.T. -0.00 min
Lab File: BG017129.D
Acq: 14 May 2015 4:27

Instrument :
BNA_G
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TW-61

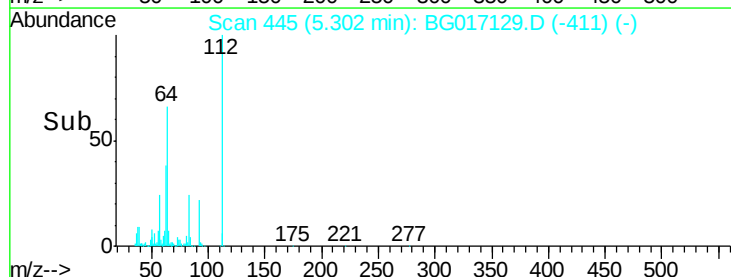
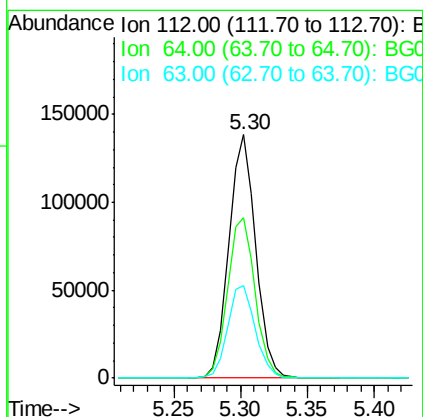
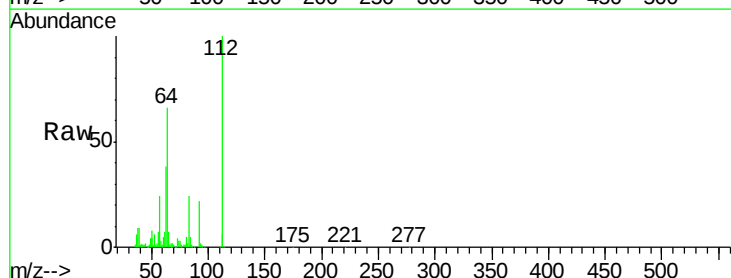
Tgt Ion:152 Resp: 52473
Ion Ratio Lower Upper
152 100
150 154.0 120.8 181.2
115 65.2 49.4 74.2

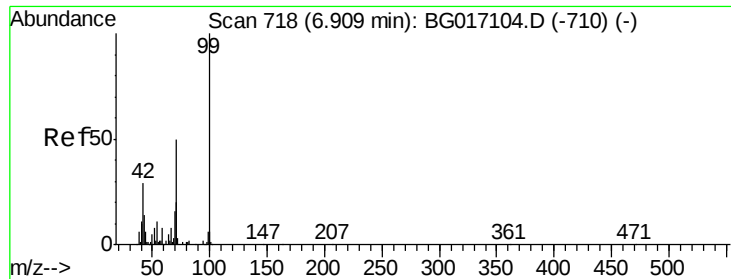


#5

2-Fluorophenol
Concen: 65.99 ng
RT: 5.30 min Scan# 445
Delta R.T. -0.00 min
Lab File: BG017129.D
Acq: 14 May 2015 4:27

Tgt Ion:112 Resp: 195156
Ion Ratio Lower Upper
112 100
64 66.0 48.1 72.1
63 38.2 29.8 44.8





#7

Phenol-d6

Concen: 40.46 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG017129.D

Acq: 14 May 2015 4:27

Instrument :

BNA_G

ClientSampleId :

TW-61

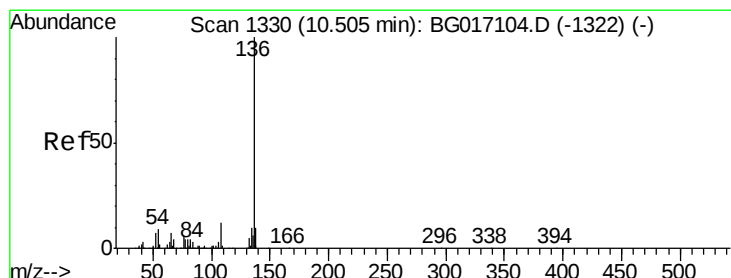
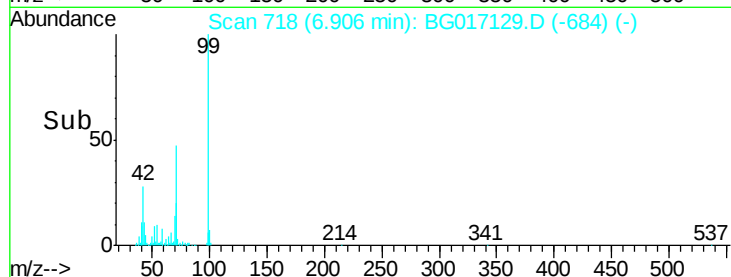
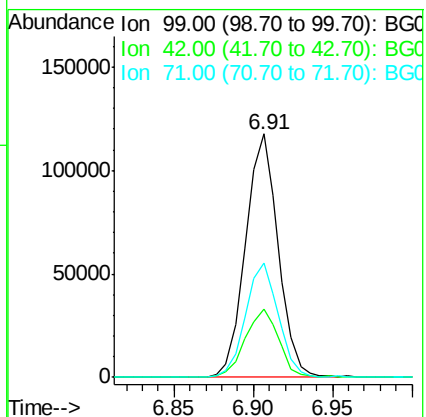
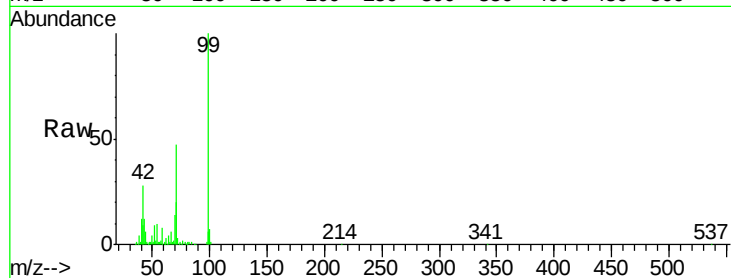
Tgt Ion: 99 Resp: 167911

Ion Ratio Lower Upper

99 100

42 28.2 23.5 35.3

71 46.8 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: BG017129.D

Acq: 14 May 2015 4:27

Tgt Ion: 136 Resp: 225633

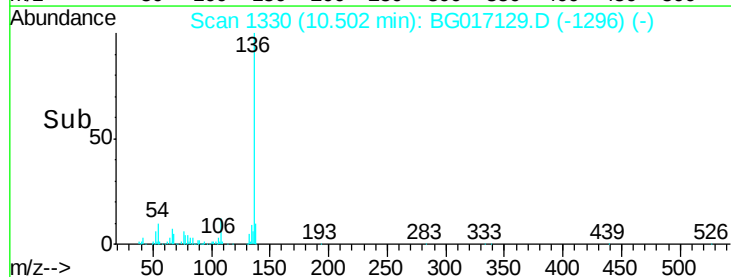
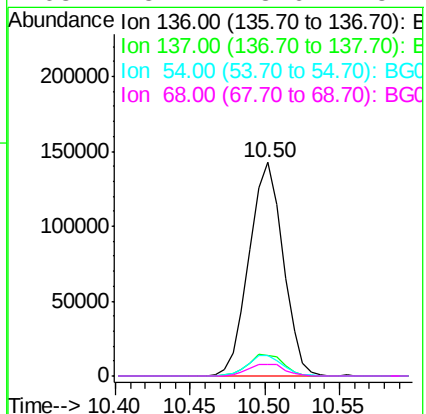
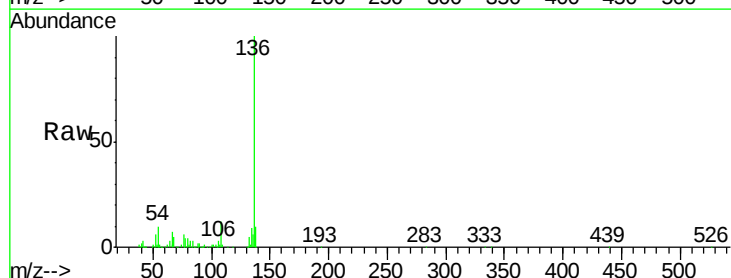
Ion Ratio Lower Upper

136 100

137 9.8 8.3 12.5

54 9.6 7.4 11.2

68 5.2 3.6 5.4

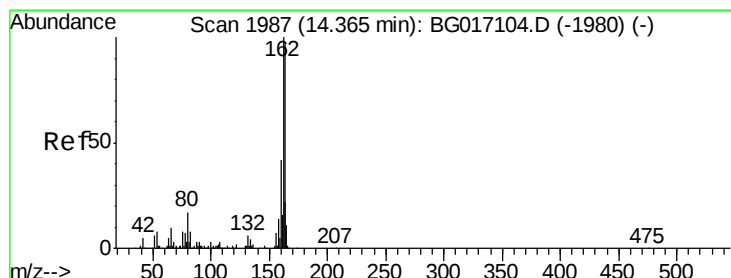
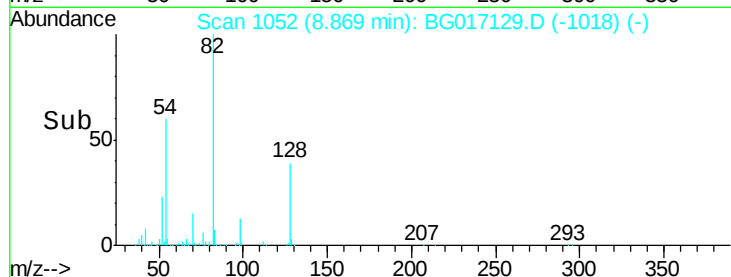
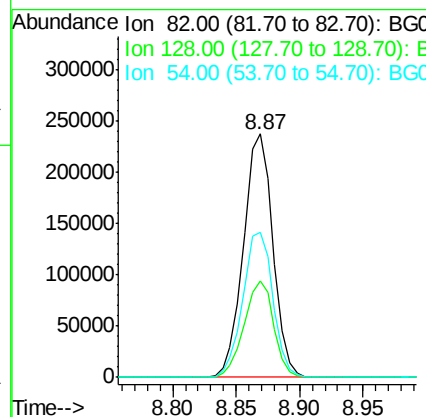
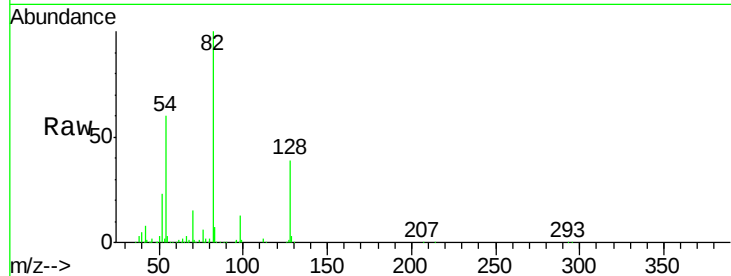




#23
 Nitrobenzene-d5
 Concen: 79.12 ng
 RT: 8.87 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BG017129.D
 Acq: 14 May 2015 4:27

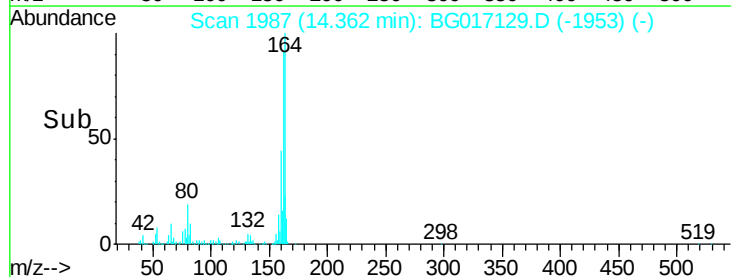
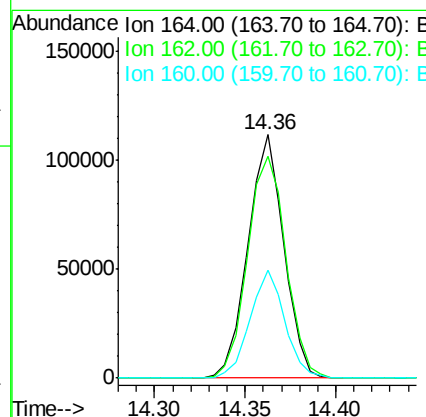
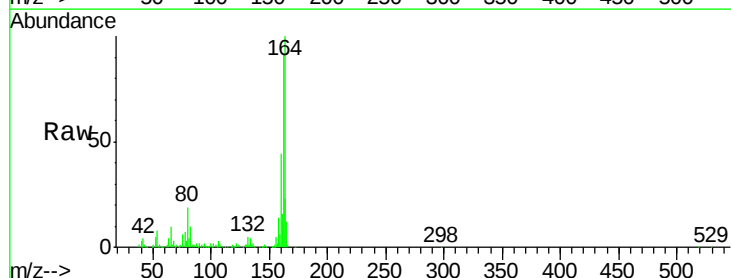
Instrument :
 BNA_G
 ClientSampleId :
 TW-61

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.4	32.6	49.0
54	59.7	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: BG017129.D
 Acq: 14 May 2015 4:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	91.3	82.1	123.1
160	44.2	34.8	52.2

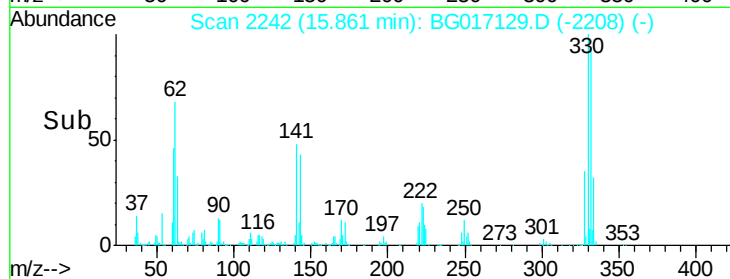
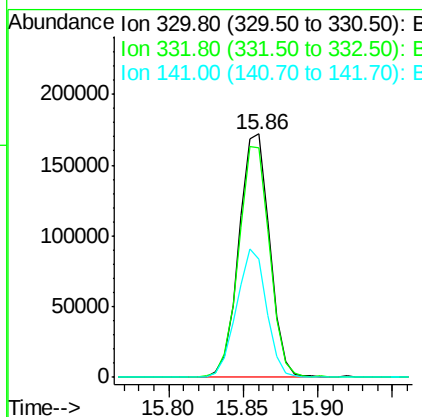
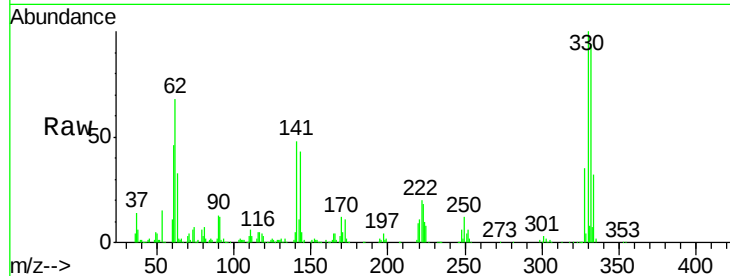




#41
 2,4,6-Tribromophenol
 Concen: 132.75 ng
 RT: 15.86 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BG017129.D
 Acq: 14 May 2015 4:27

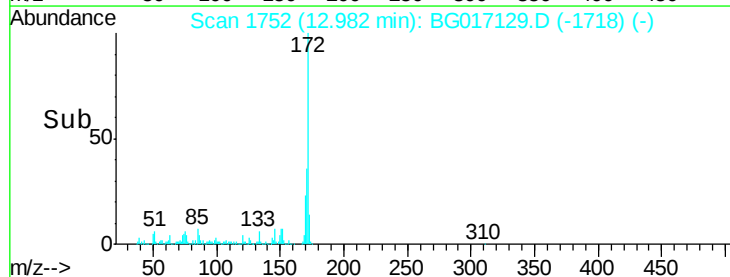
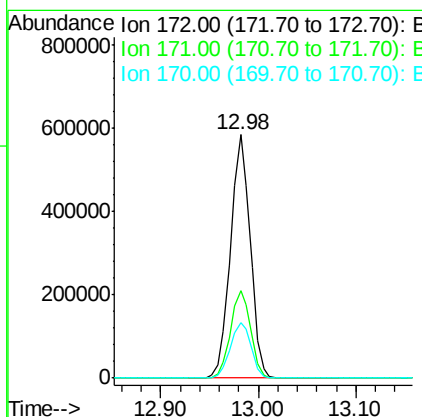
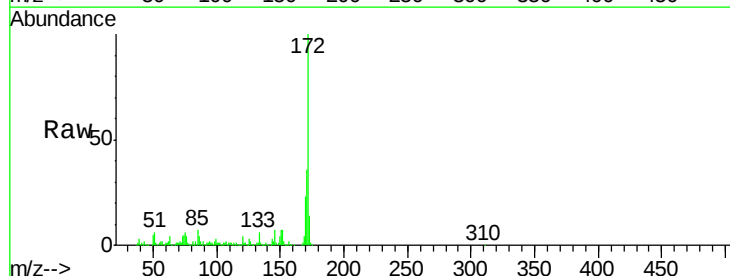
Instrument :
 BNA_G
 ClientSampleId :
 TW-61

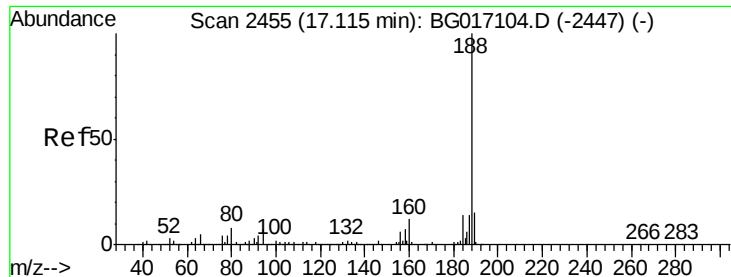
Tgt Ion:330 Resp: 245411
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.9 115.3
 141 51.9 42.2 63.2



#44
 2-Fluorobiphenyl
 Concen: 78.43 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG017129.D
 Acq: 14 May 2015 4:27

Tgt Ion:172 Resp: 817391
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.0 18.4 27.6

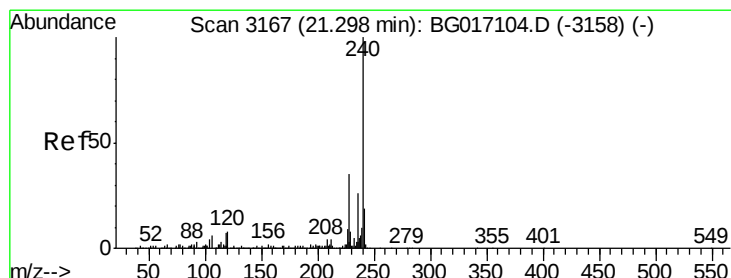
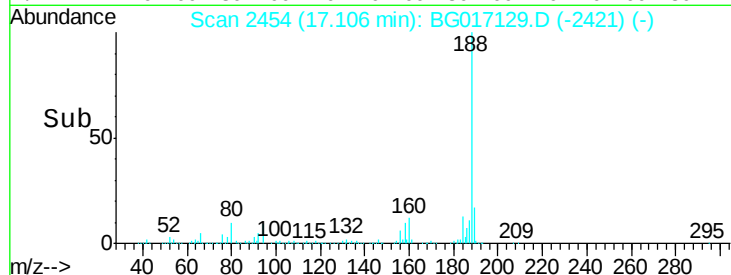
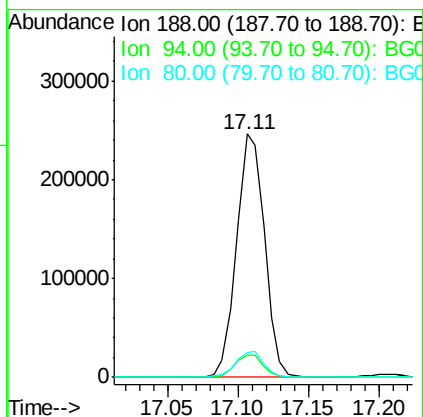
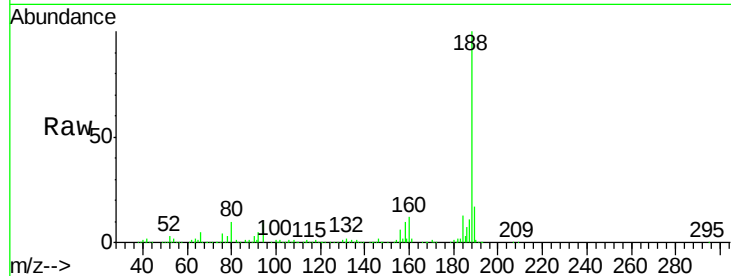




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG017129.D
Acq: 14 May 2015 4:27

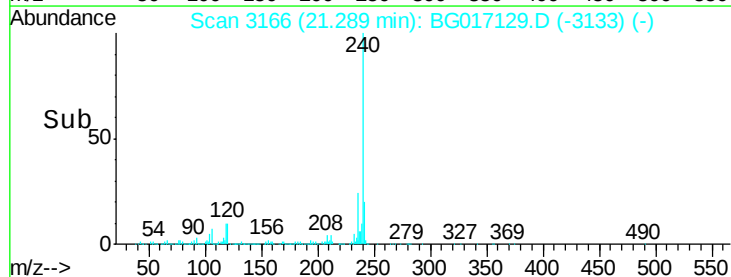
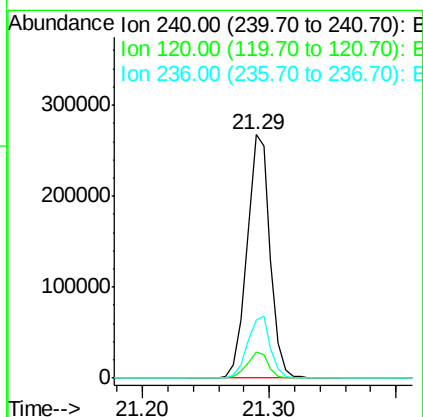
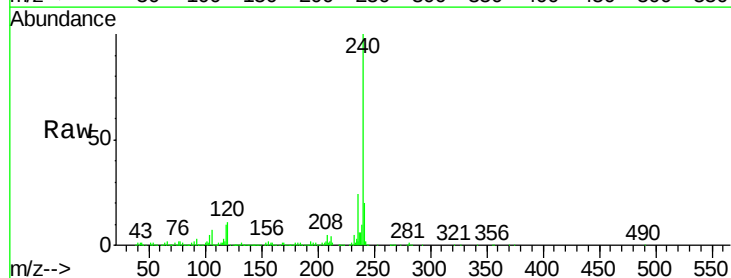
Instrument :
BNA_G
ClientSampleId :
TW-61

Tgt Ion:188 Resp: 340690
Ion Ratio Lower Upper
188 100
94 8.9 5.8 8.6#
80 10.4 6.5 9.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG017129.D
Acq: 14 May 2015 4:27

Tgt Ion:240 Resp: 336362
Ion Ratio Lower Upper
240 100
120 10.5 6.0 9.0#
236 23.7 20.5 30.7





#78

Terphenyl-d14

Concen: 79.87 ng

RT: 19.74 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017129.D

Acq: 14 May 2015 4:27

Instrument :

BNA_G

ClientSampleId :

TW-61

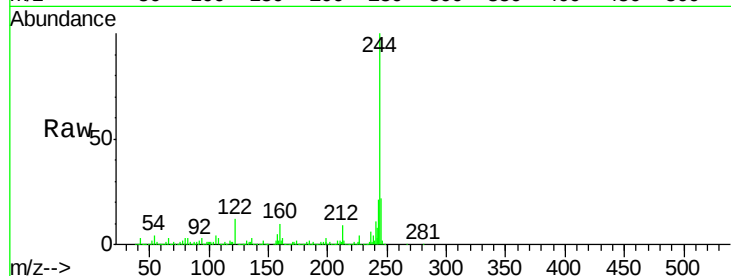
Tgt Ion:244 Resp: 1289244

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.4

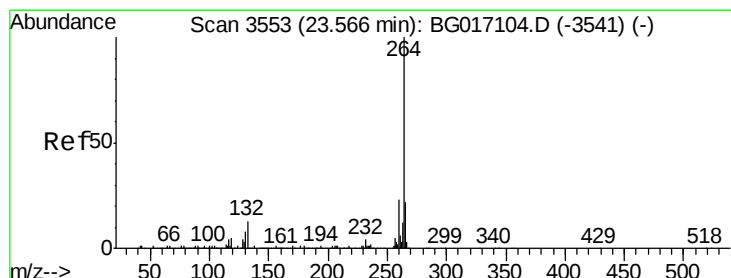
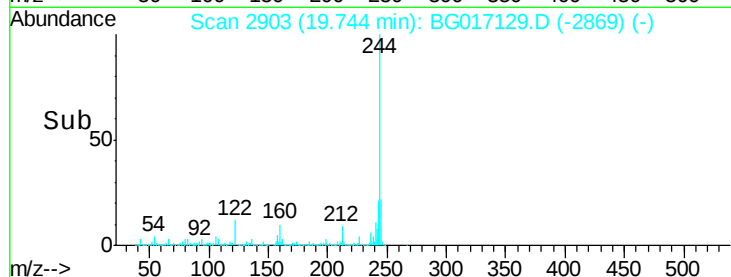
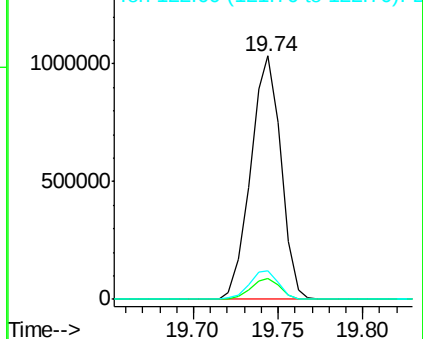
122 11.6 8.4 12.6



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: 23.56 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BG017129.D

Acq: 14 May 2015 4:27

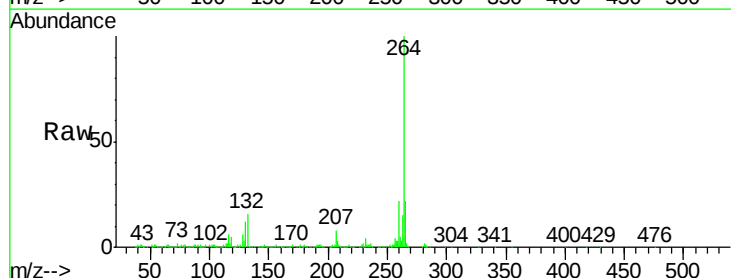
Tgt Ion:264 Resp: 330651

Ion Ratio Lower Upper

264 100

260 22.5 18.0 27.0

265 21.6 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

