

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
 Data File : BG017278.D
 Acq On : 26 May 2015 15:30
 Operator : TP/IZ
 Sample : PB83584BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83584BL

Quant Time: May 27 03:42:35 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 03:15:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	23584	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	96186	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	61313	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	165618	20.00	ng	0.00
75) Chrysene-d12	21.25	240	195440	20.00	ng	0.00
86) Perylene-d12	23.50	264	199119	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	184469	138.78	ng	0.00
7) Phenol-d6	6.87	99	236446	126.75	ng	0.00
23) Nitrobenzene-d5	8.82	82	156501	75.96	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	109726	148.04	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	328409	78.60	ng	0.00
78) Terphenyl-d14	19.71	244	713125	76.04	ng	0.00

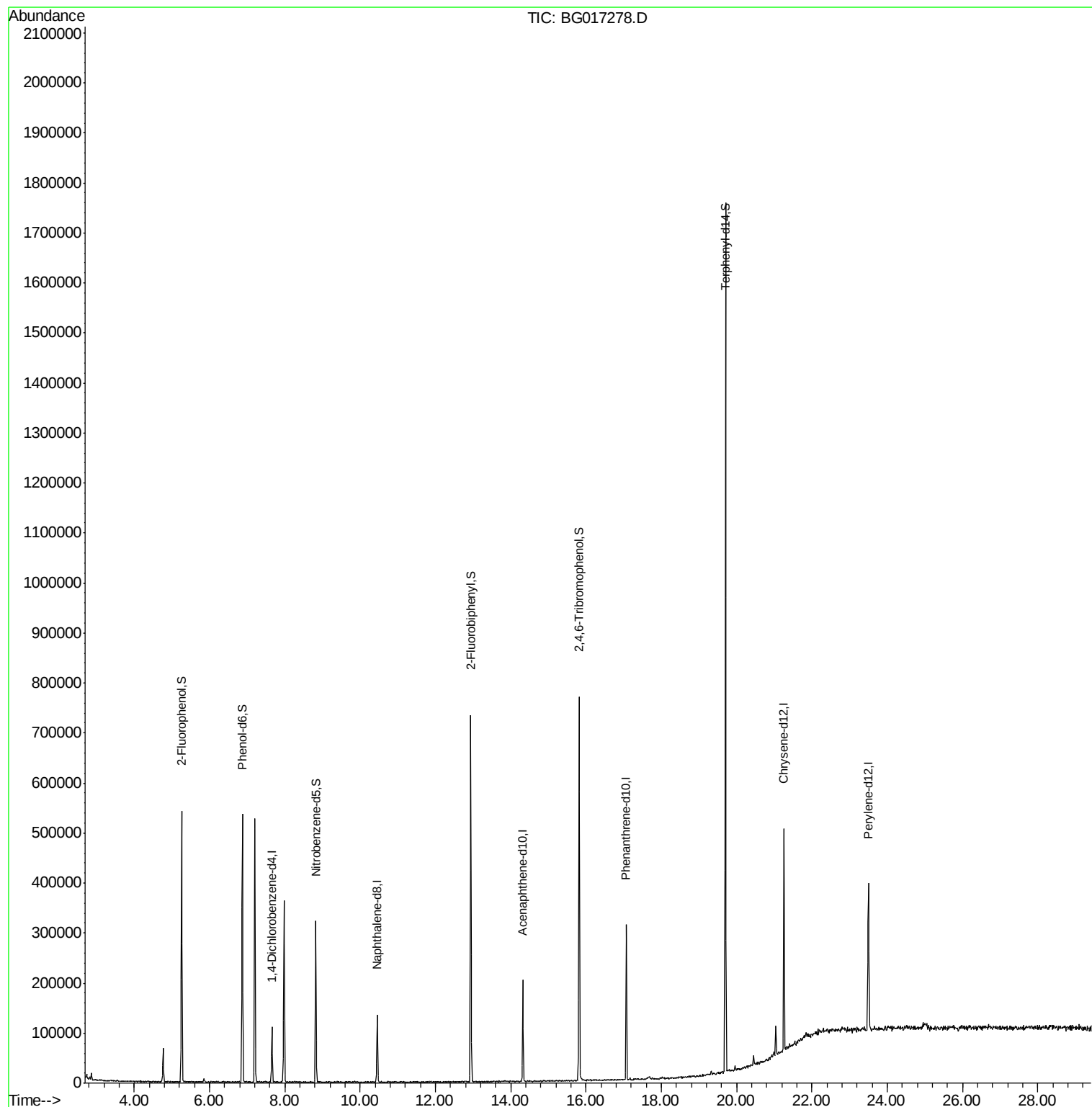
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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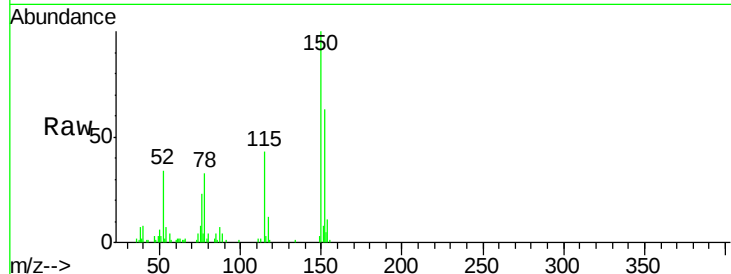


#1

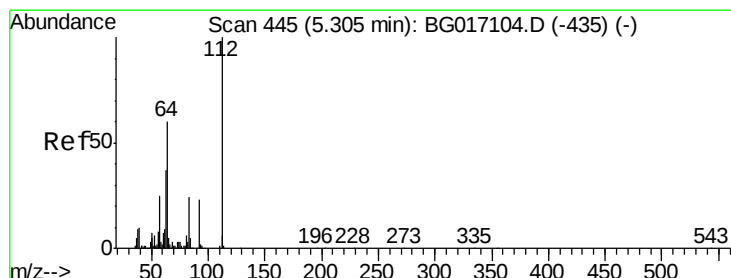
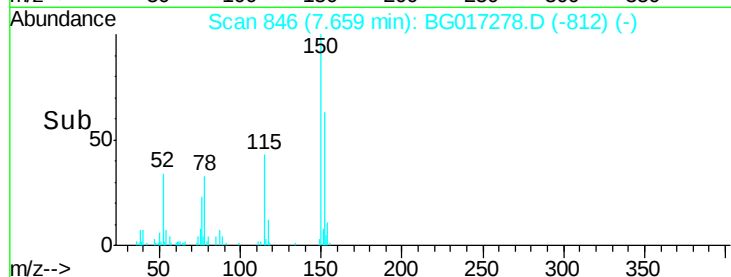
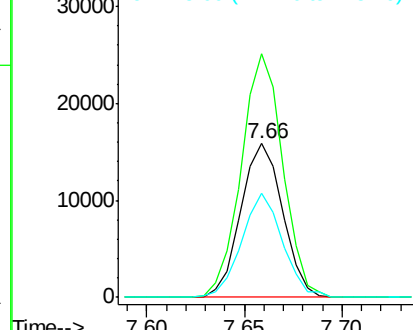
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.66 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG017278.D
Acq: 26 May 2015 15:30

Instrument :
BNA_G
ClientSampleId :
PB83584BL

Tgt Ion:152 Resp: 23584
Ion Ratio Lower Upper
152 100
150 158.2 120.8 181.2
115 67.7 49.4 74.2



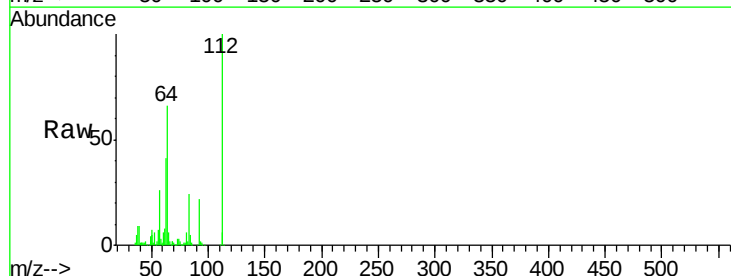
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



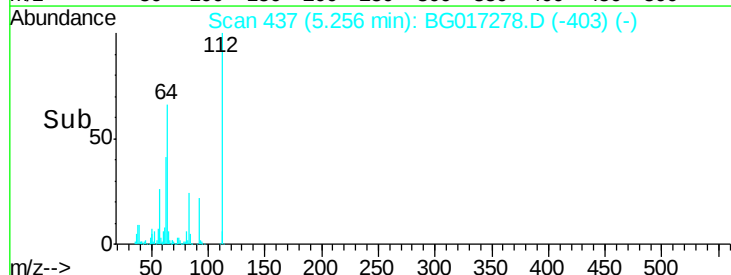
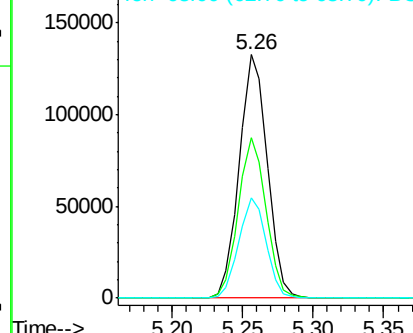
#5

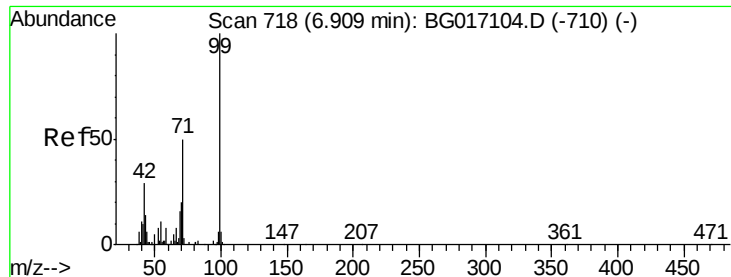
2-Fluorophenol
Concen: 138.78 ng
RT: 5.26 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG017278.D
Acq: 26 May 2015 15:30

Tgt Ion:112 Resp: 184469
Ion Ratio Lower Upper
112 100
64 66.0 48.1 72.1
63 41.0 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: 126.75 ng

RT: 6.87 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG017278.D

Acq: 26 May 2015 15:30

Instrument :

BNA_G

ClientSampleId :

PB83584BL

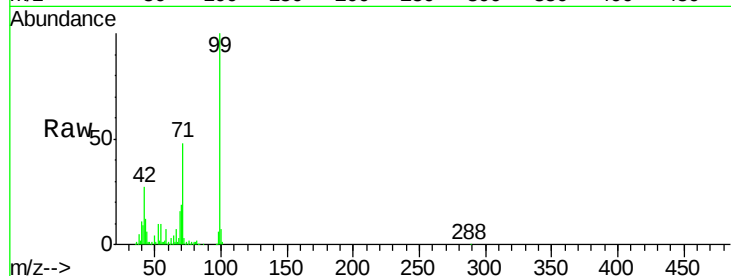
Tgt Ion: 99 Resp: 236446

Ion Ratio Lower Upper

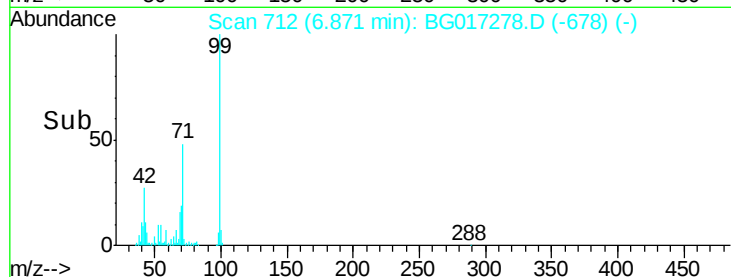
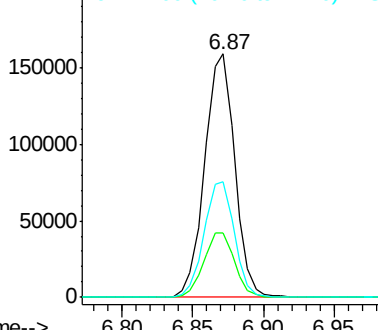
99 100

42 26.6 23.5 35.3

71 47.6 39.8 59.8



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: 10.46 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG017278.D

Acq: 26 May 2015 15:30

Tgt Ion: 136 Resp: 96186

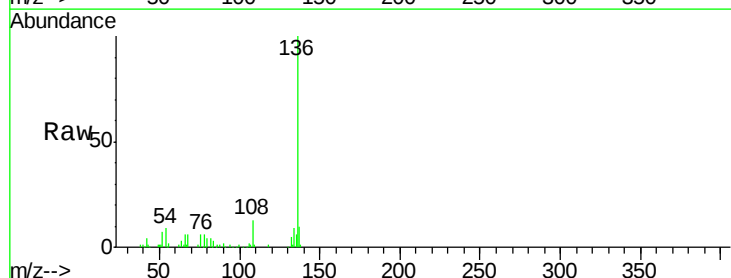
Ion Ratio Lower Upper

136 100

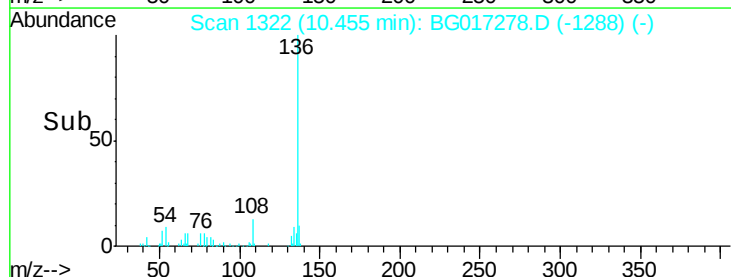
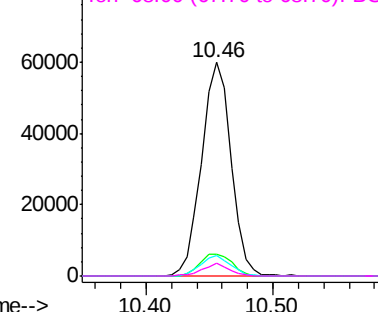
137 10.3 8.3 12.5

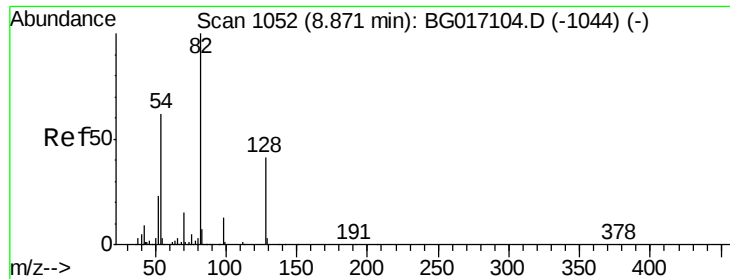
54 9.4 7.4 11.2

68 6.3 3.6 5.4#



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

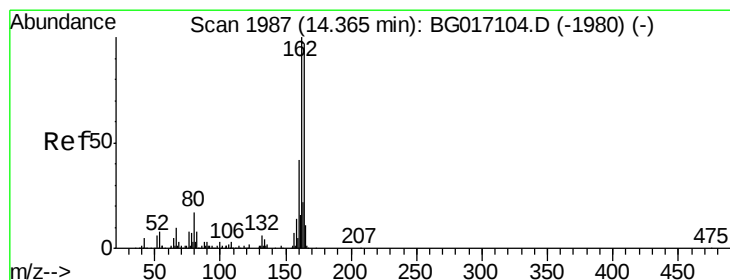
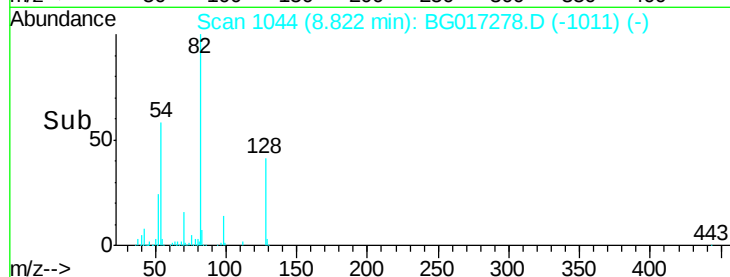
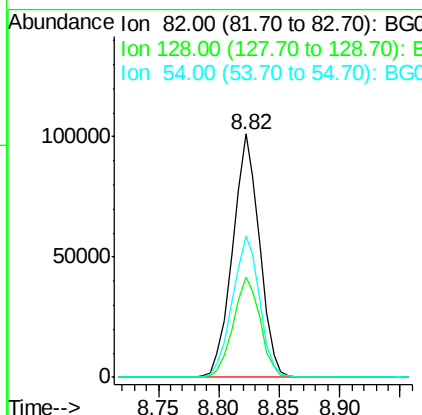
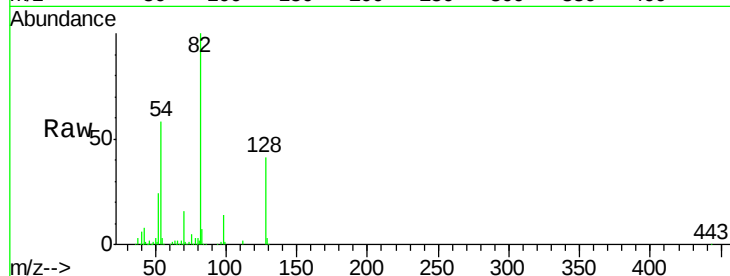




#23
 Nitrobenzene-d5
 Concen: 75.96 ng
 RT: 8.82 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG017278.D
 Acq: 26 May 2015 15:30

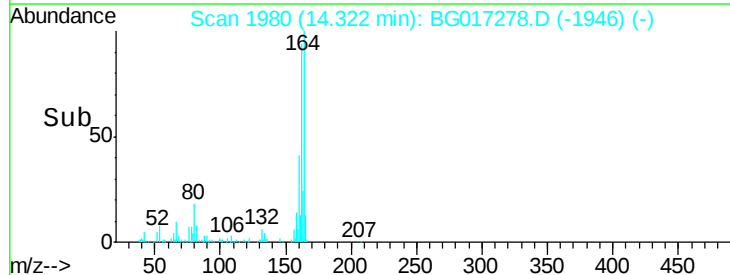
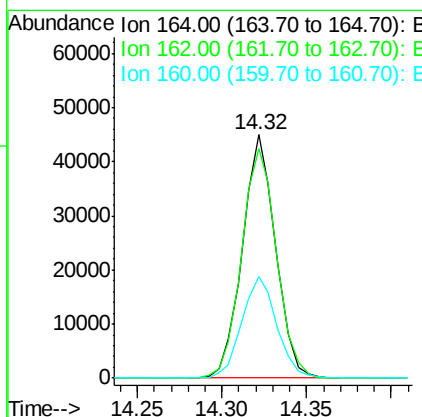
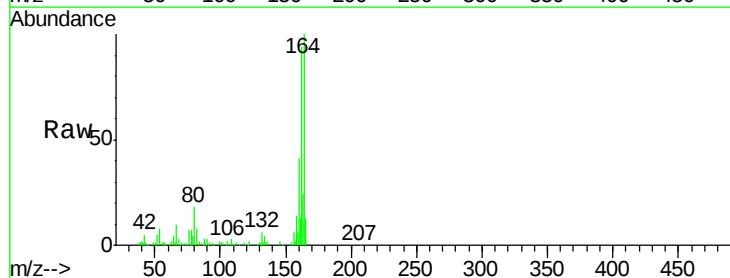
Instrument :
 BNA_G
 ClientSampleId :
 PB83584BL

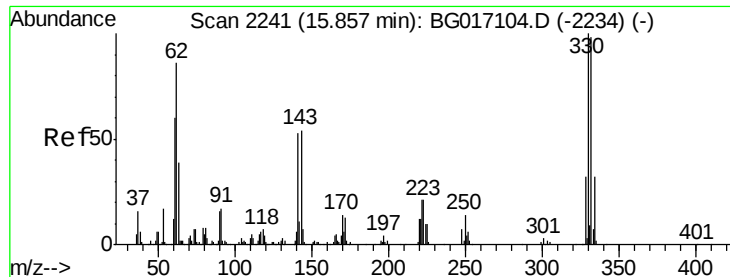
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.6	49.0
54	58.0	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.32 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG017278.D
 Acq: 26 May 2015 15:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.3	82.1	123.1
160	41.5	34.8	52.2

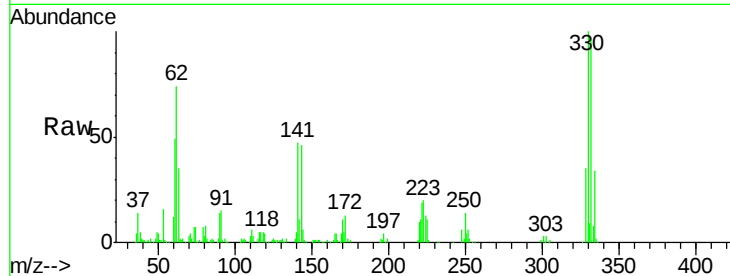




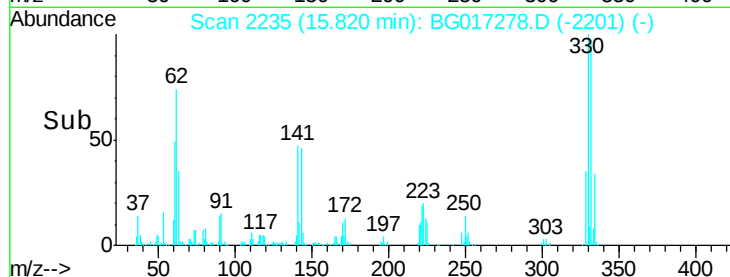
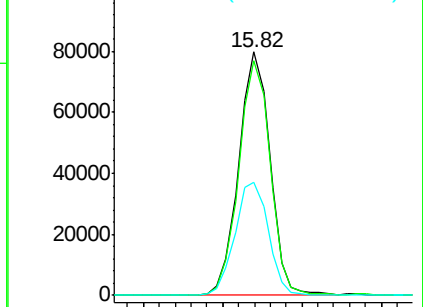
#41
 2,4,6-Tribromophenol
 Concen: 148.04 ng
 RT: 15.82 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG017278.D
 Acq: 26 May 2015 15:30

Instrument :
 BNA_G
 ClientSampleId :
 PB83584BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.9	115.3
141	50.1	42.2	63.2

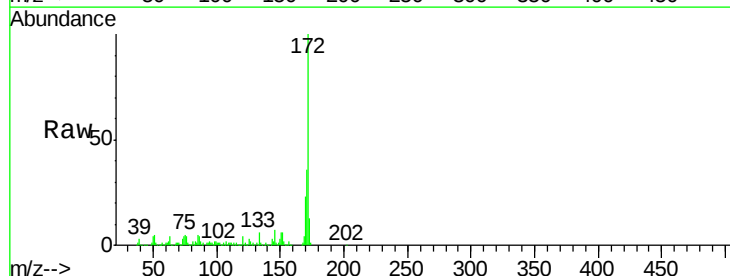


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

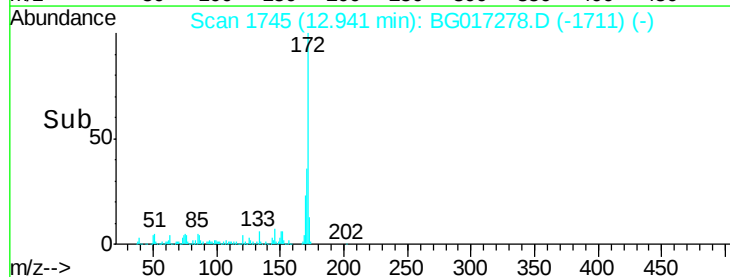
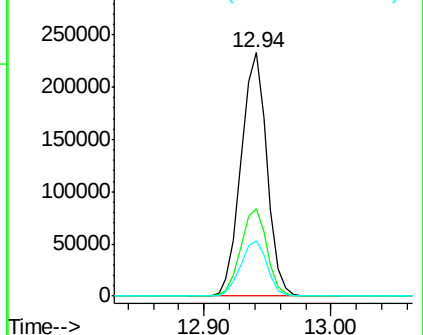


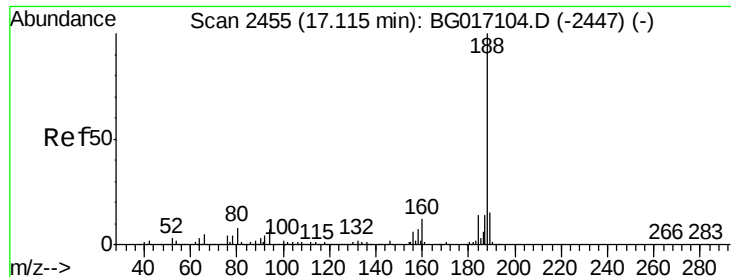
#44
 2-Fluorobiphenyl
 Concen: 78.60 ng
 RT: 12.94 min Scan# 1745
 Delta R.T. -0.00 min
 Lab File: BG017278.D
 Acq: 26 May 2015 15:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	22.7	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: 17.07 min Scan# 2448

Delta R.T. -0.00 min

Lab File: BG017278.D

Acq: 26 May 2015 15:30

Instrument :

BNA_G

ClientSampleId :

PB83584BL

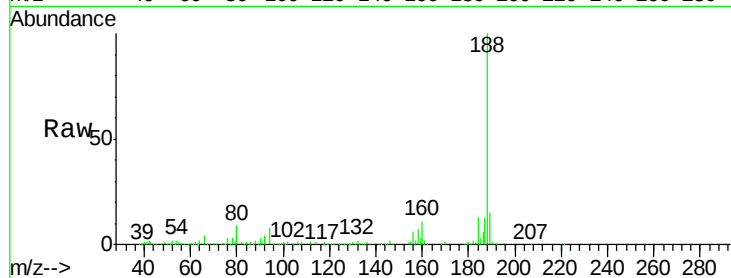
Tgt Ion:188 Resp: 165618

Ion Ratio Lower Upper

188 100

94 7.8 5.8 8.6

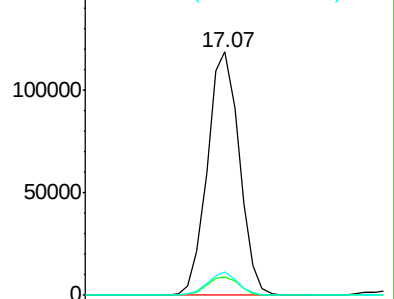
80 9.4 6.5 9.7



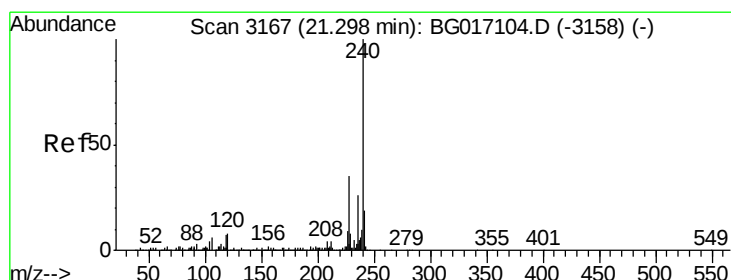
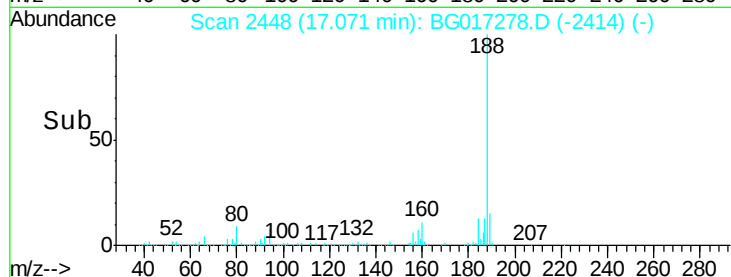
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.25 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG017278.D

Acq: 26 May 2015 15:30

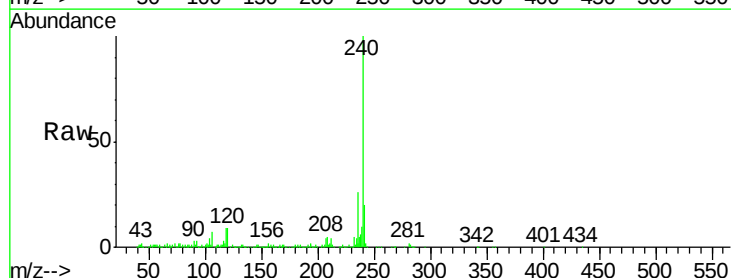
Tgt Ion:240 Resp: 195440

Ion Ratio Lower Upper

240 100

120 9.3 6.0 9.0#

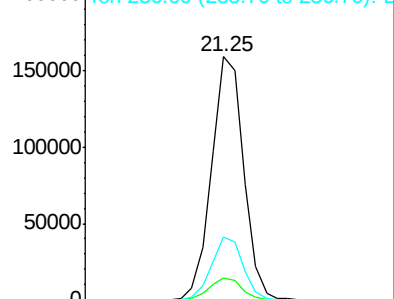
236 26.0 20.5 30.7



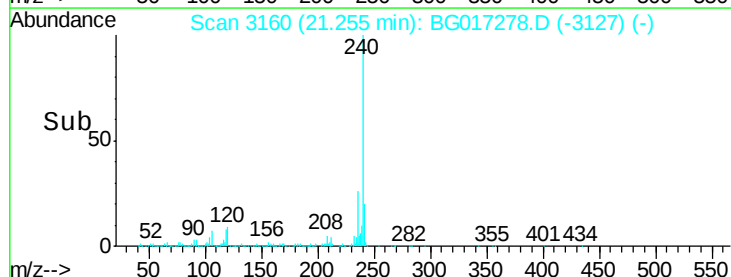
Abundance Ion 240.00 (239.70 to 240.70): E

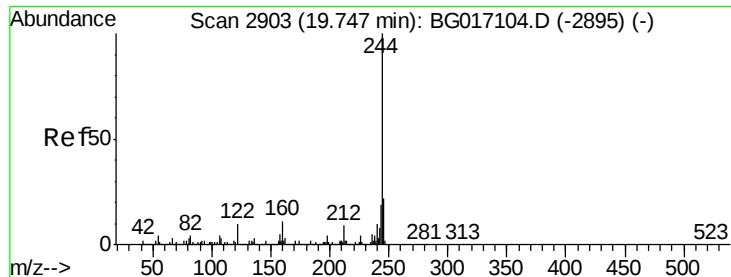
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 76.04 ng

RT: 19.71 min Scan# 2897

Delta R.T. 0.00 min

Lab File: BG017278.D

Acq: 26 May 2015 15:30

Instrument :

BNA_G

ClientSampleId :

PB83584BL

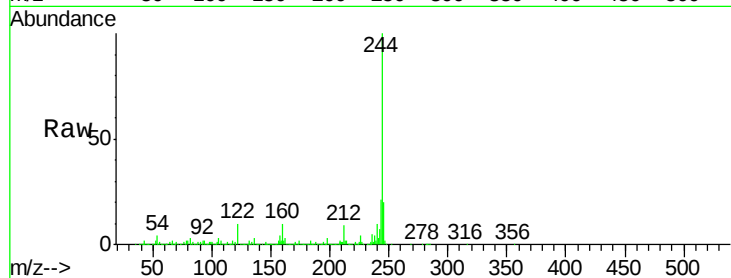
Tgt Ion:244 Resp: 713125

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.4

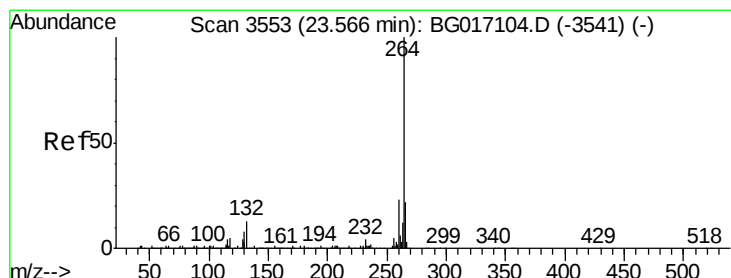
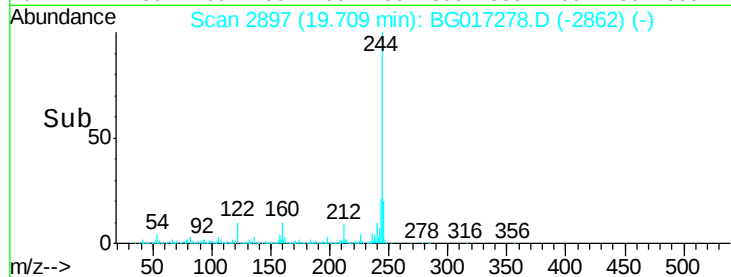
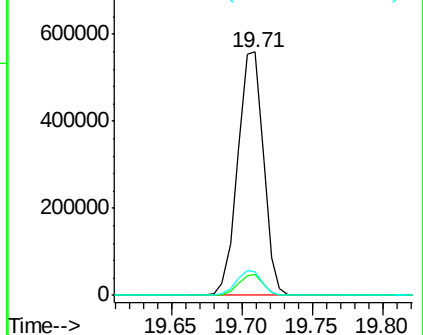
122 9.6 8.4 12.6



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: 23.50 min Scan# 3543

Delta R.T. -0.00 min

Lab File: BG017278.D

Acq: 26 May 2015 15:30

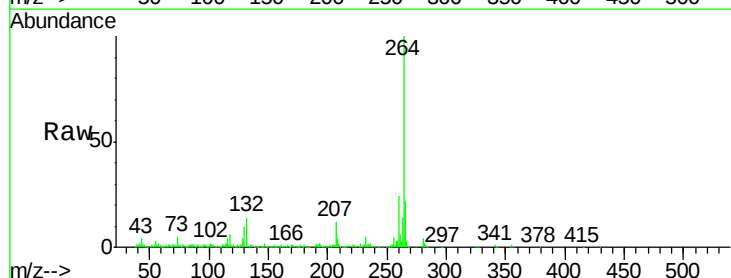
Tgt Ion:264 Resp: 199119

Ion Ratio Lower Upper

264 100

260 23.9 18.0 27.0

265 22.3 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

