

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051515\
 Data File : BG017173.D
 Acq On : 15 May 2015 13:45
 Operator : TP/IZ
 Sample : PB83387BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83387BL

Quant Time: May 16 00:26:48 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 16 00:01:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	46991	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	198366	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	133139	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	313577	20.00	ng	0.00
75) Chrysene-d12	21.30	240	319110	20.00	ng	0.00
86) Perylene-d12	23.56	264	314072	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	353782	133.58	ng	0.00
7) Phenol-d6	6.91	99	471241	126.79	ng	0.00
23) Nitrobenzene-d5	8.86	82	301455	70.95	ng	0.00
41) 2,4,6-Tribromophenol	15.85	330	188487	117.11	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	637839	70.30	ng	0.00
78) Terphenyl-d14	19.74	244	1082469	70.69	ng	0.00

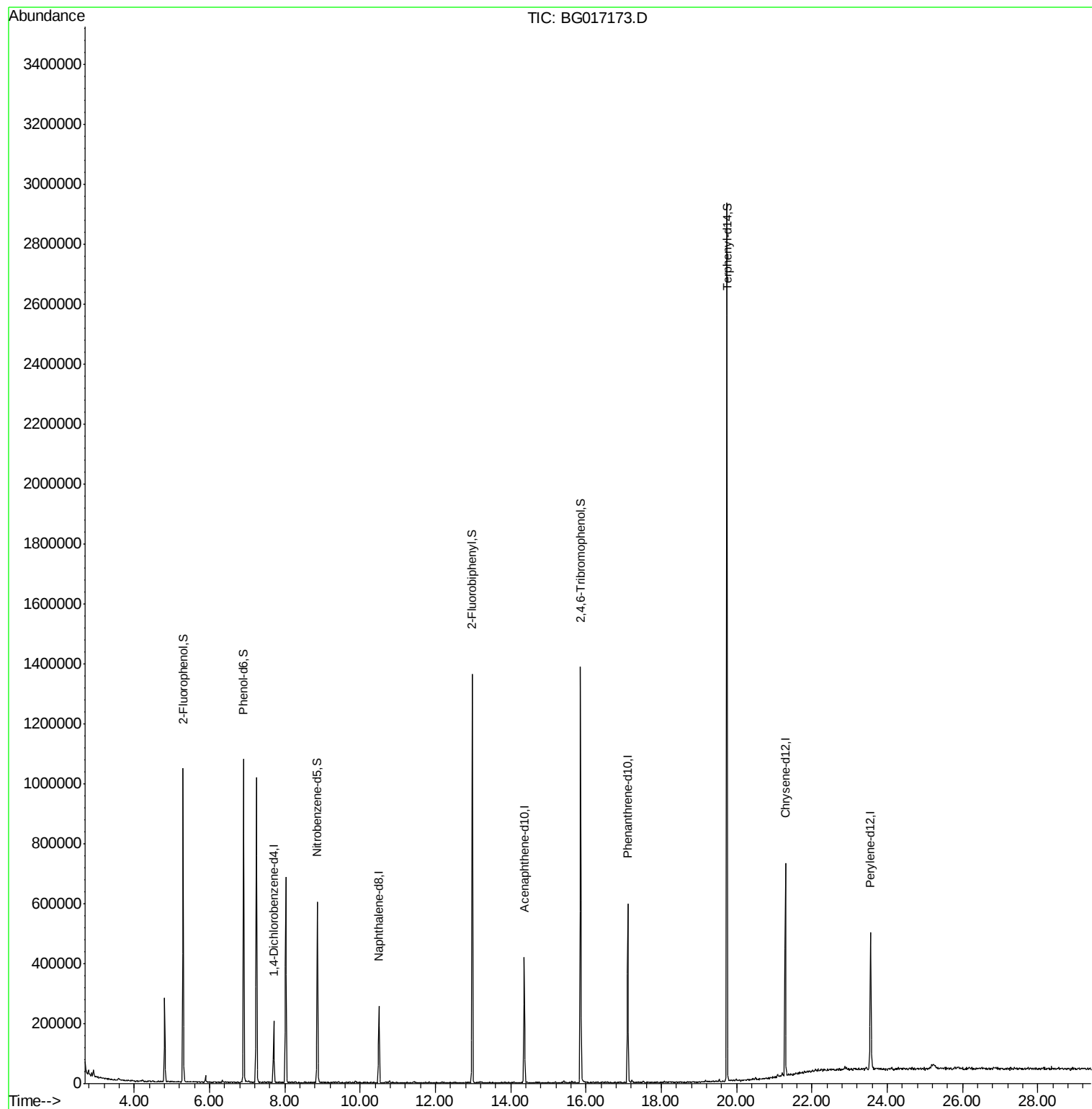
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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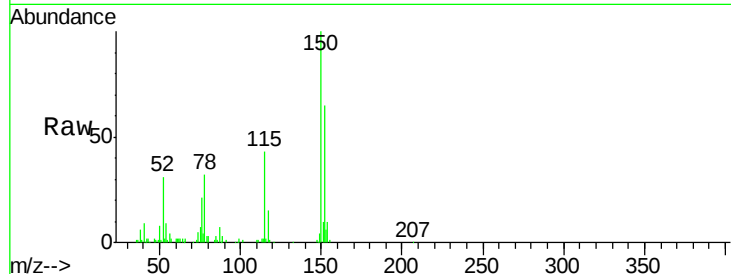


#1

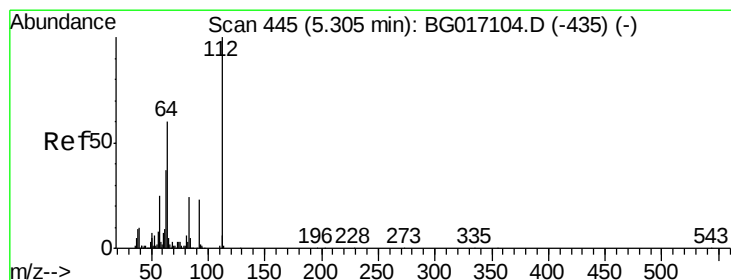
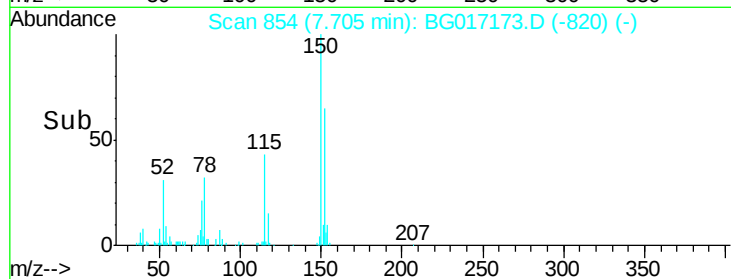
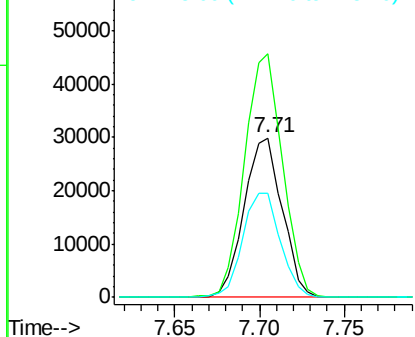
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 854
Delta R.T. -0.00 min
Lab File: BG017173.D
Acq: 15 May 2015 13:45

Instrument :
BNA_G
ClientSampleId :
PB83387BL

Tgt Ion:152 Resp: 46991
Ion Ratio Lower Upper
152 100
150 152.8 120.8 181.2
115 64.9 49.4 74.2



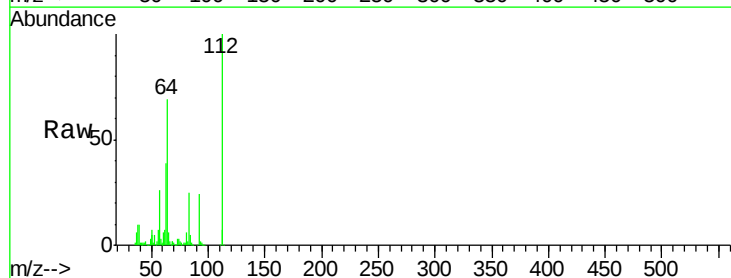
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



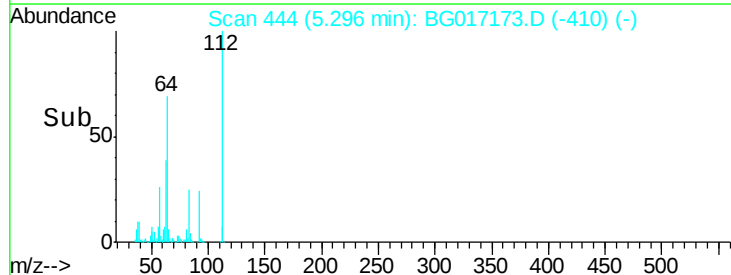
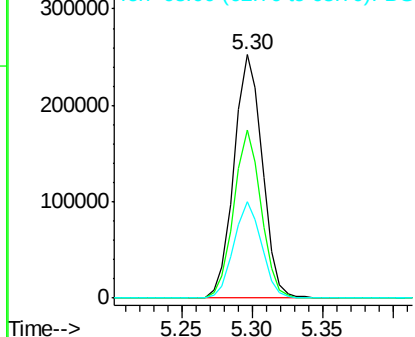
#5

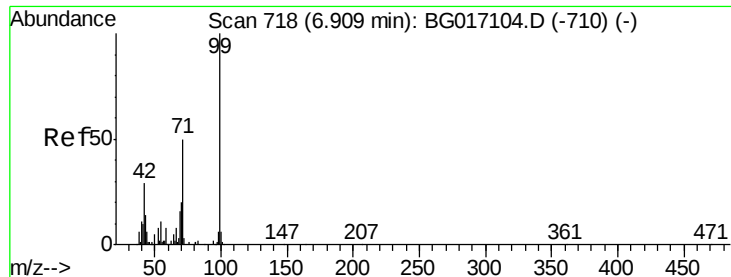
2-Fluorophenol
Concen: 133.58 ng
RT: 5.30 min Scan# 444
Delta R.T. -0.00 min
Lab File: BG017173.D
Acq: 15 May 2015 13:45

Tgt Ion:112 Resp: 353782
Ion Ratio Lower Upper
112 100
64 68.9 48.1 72.1
63 39.5 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: 126.79 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG017173.D

Acq: 15 May 2015 13:45

Instrument :

BNA_G

ClientSampleId :

PB83387BL

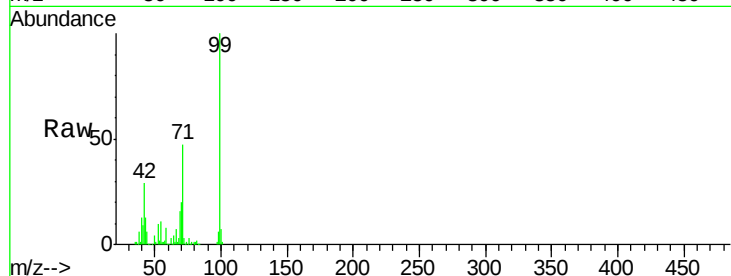
Tgt Ion: 99 Resp: 471241

Ion Ratio Lower Upper

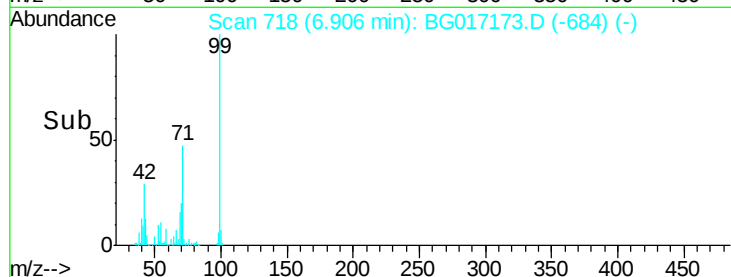
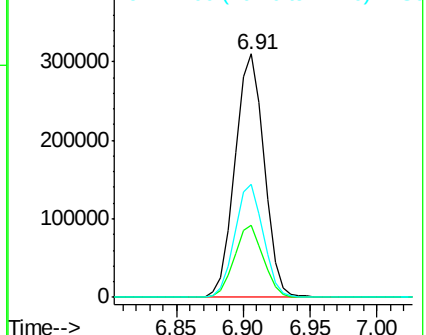
99 100

42 29.4 23.5 35.3

71 46.6 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: 10.50 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG017173.D

Acq: 15 May 2015 13:45

Tgt Ion: 136 Resp: 198366

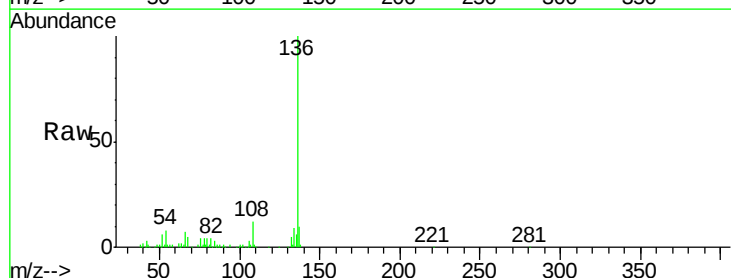
Ion Ratio Lower Upper

136 100

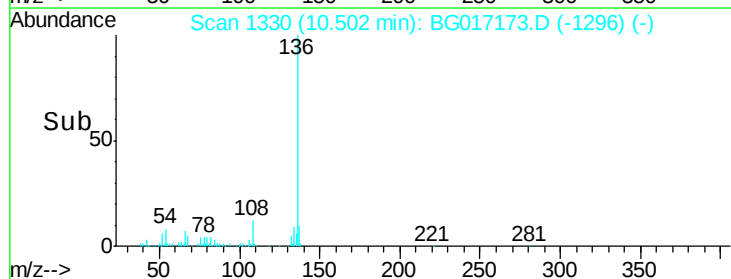
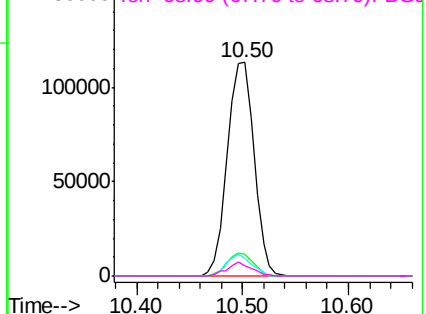
137 10.0 8.3 12.5

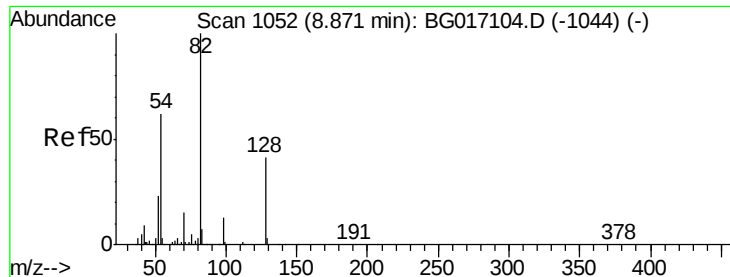
54 8.1 7.4 11.2

68 4.6 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

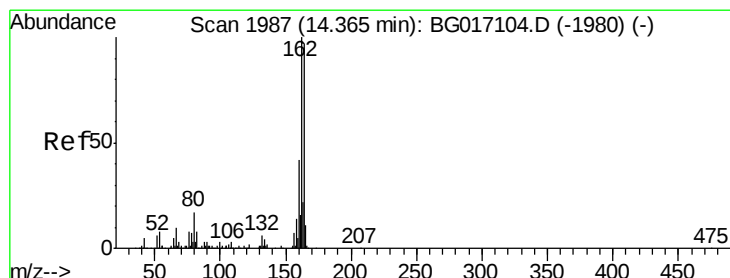
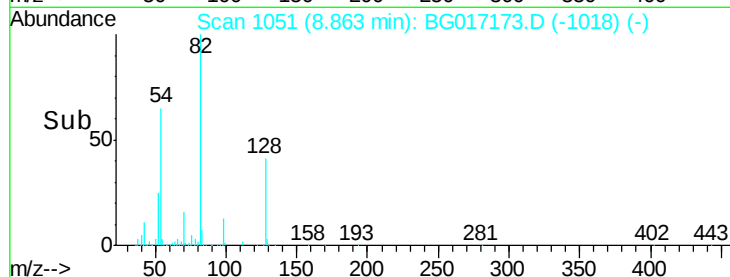
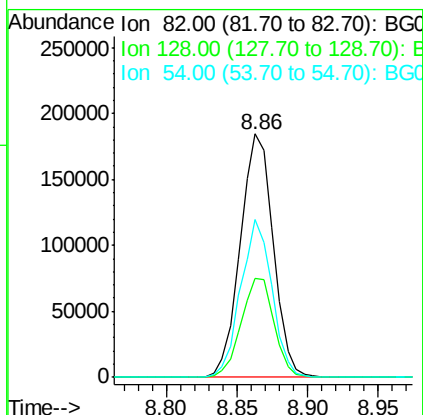
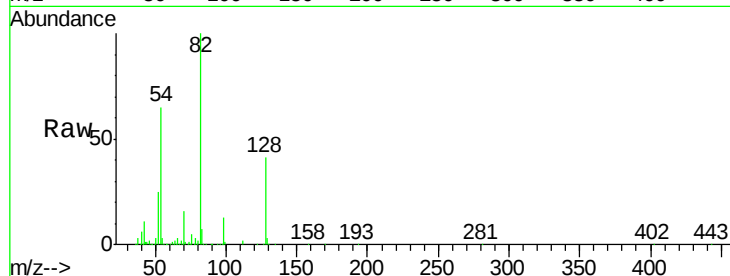




#23
 Nitrobenzene-d5
 Concen: 70.95 ng
 RT: 8.86 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BG017173.D
 Acq: 15 May 2015 13:45

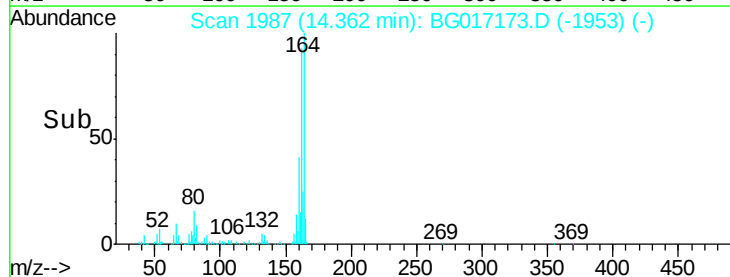
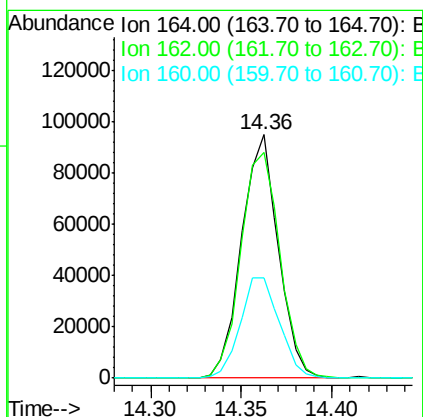
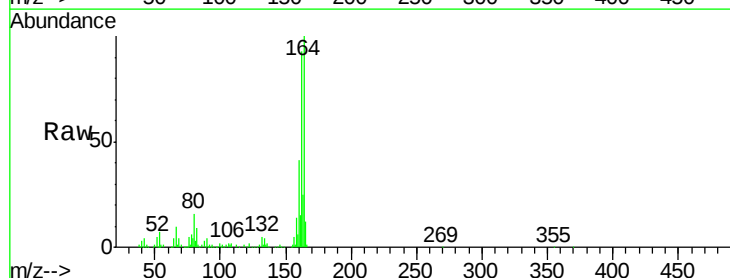
Instrument :
 BNA_G
 ClientSampleId :
 PB83387BL

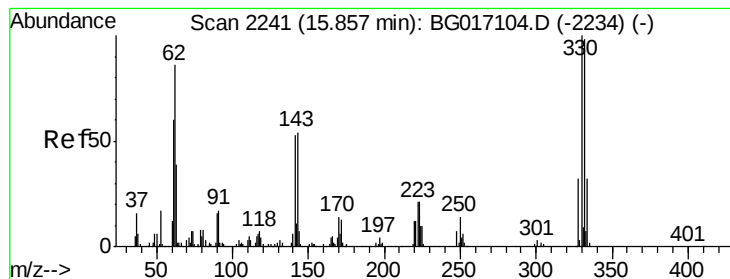
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.7	32.6	49.0
54	64.6	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.36 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG017173.D
 Acq: 15 May 2015 13:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.0	82.1	123.1
160	41.1	34.8	52.2





#41

2,4,6-Tribromophenol

Concen: 117.11 ng

RT: 15.85 min Scan# 2241

Delta R.T. -0.00 min

Lab File: BG017173.D

Acq: 15 May 2015 13:45

Instrument :

BNA_G

ClientSampleId :

PB83387BL

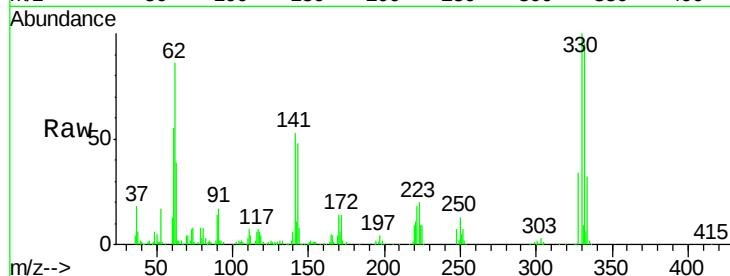
Tgt Ion:330 Resp: 188487

Ion Ratio Lower Upper

330 100

332 97.1 76.9 115.3

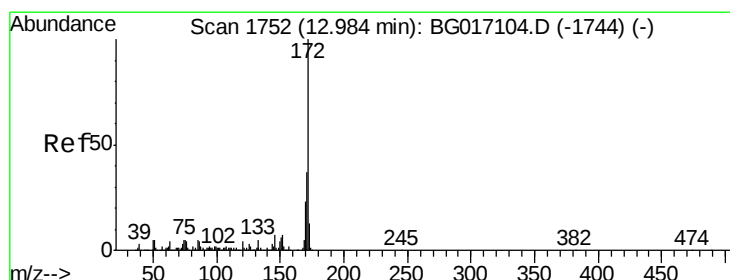
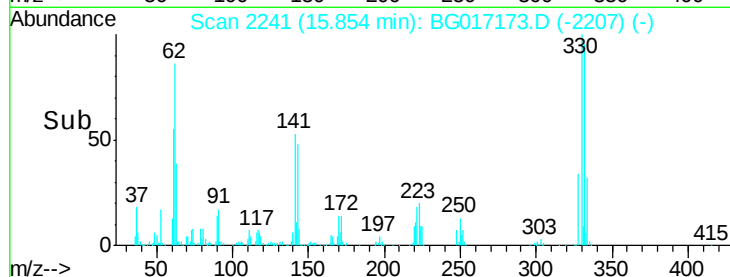
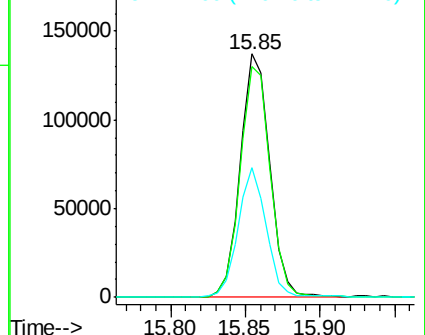
141 51.7 42.2 63.2



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: 70.30 ng

RT: 12.98 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BG017173.D

Acq: 15 May 2015 13:45

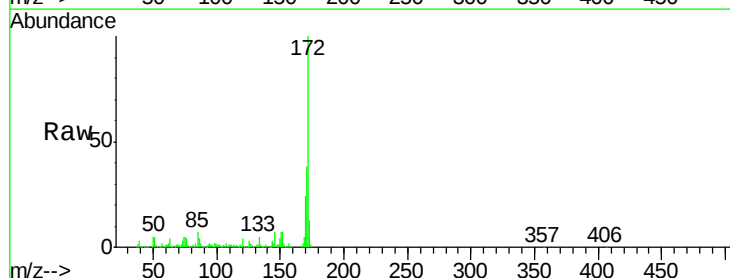
Tgt Ion:172 Resp: 637839

Ion Ratio Lower Upper

172 100

171 37.7 29.7 44.5

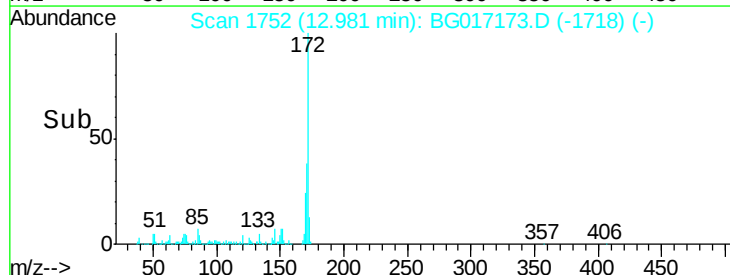
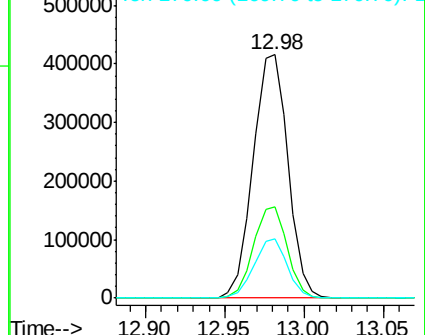
170 24.3 18.4 27.6

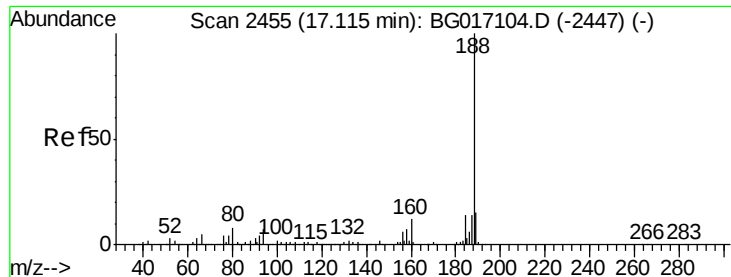


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

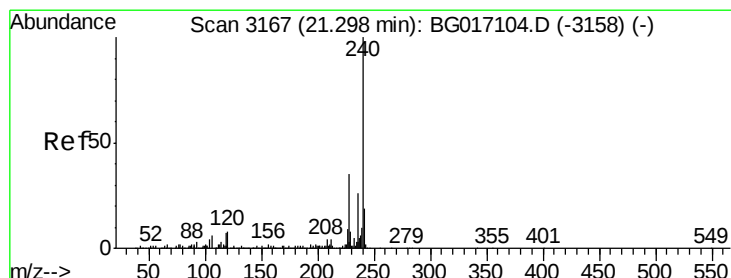
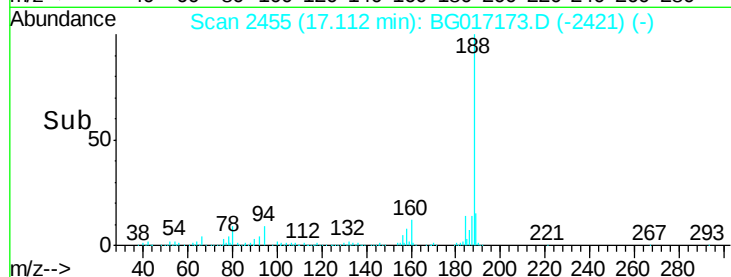
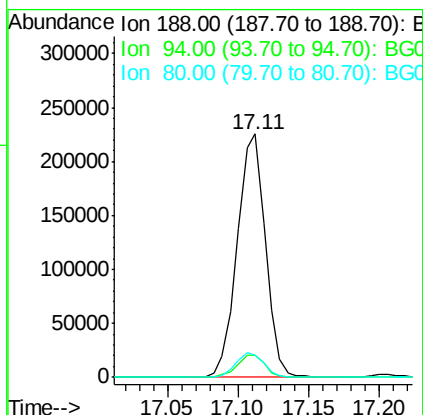
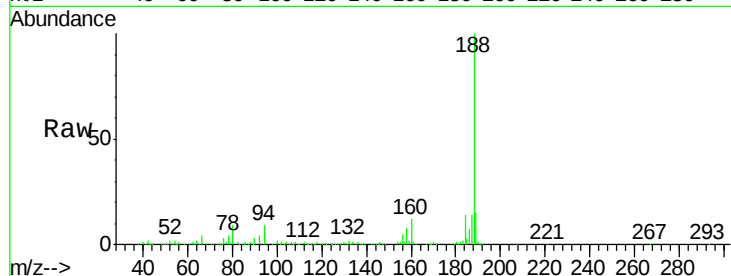




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2455
Delta R.T. -0.00 min
Lab File: BG017173.D
Acq: 15 May 2015 13:45

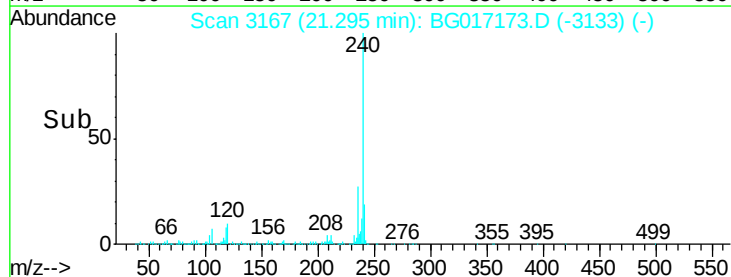
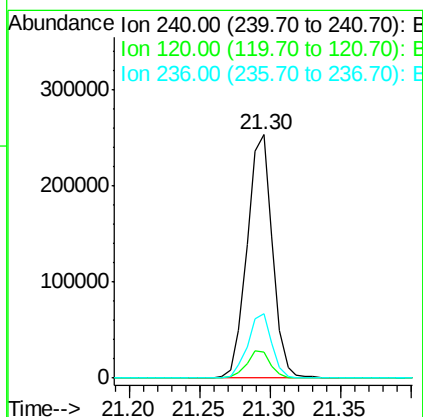
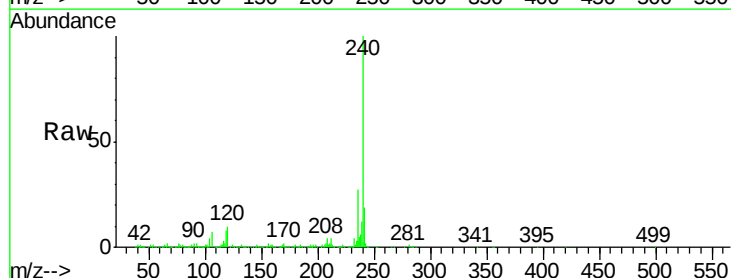
Instrument :
BNA_G
ClientSampleId :
PB83387BL

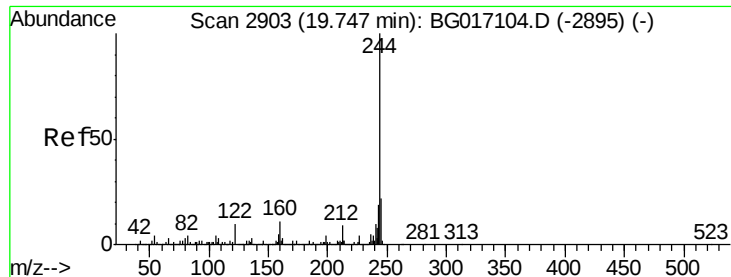
Tgt Ion:188 Resp: 313577
Ion Ratio Lower Upper
188 100
94 9.0 5.8 8.6#
80 9.1 6.5 9.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.30 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG017173.D
Acq: 15 May 2015 13:45

Tgt Ion:240 Resp: 319110
Ion Ratio Lower Upper
240 100
120 10.4 6.0 9.0#
236 26.5 20.5 30.7





#78

Terphenyl-d14

Concen: 70.69 ng

RT: 19.74 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017173.D

Acq: 15 May 2015 13:45

Instrument :

BNA_G

ClientSampleId :

PB83387BL

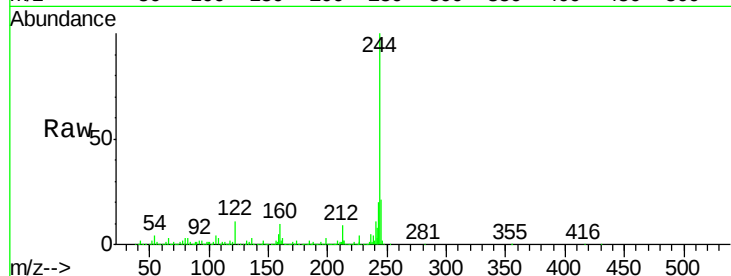
Tgt Ion:244 Resp: 1082469

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.4

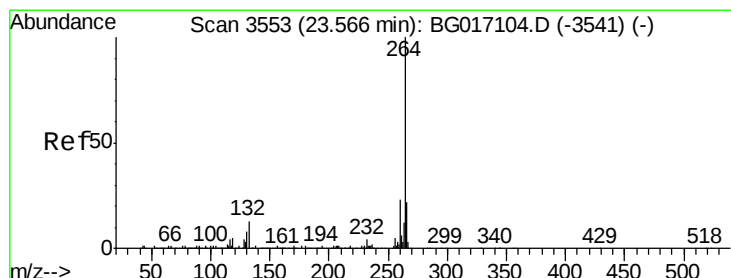
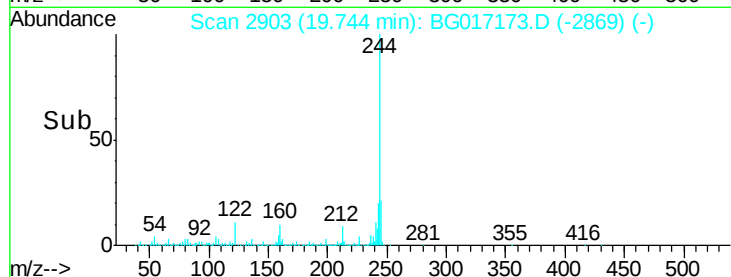
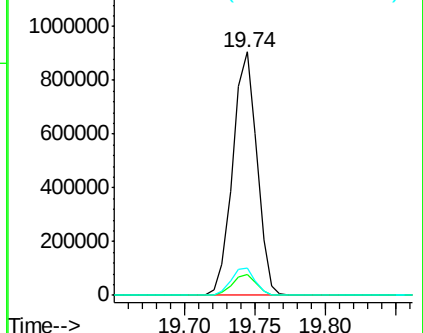
122 11.3 8.4 12.6



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. -0.00 min

Lab File: BG017173.D

Acq: 15 May 2015 13:45

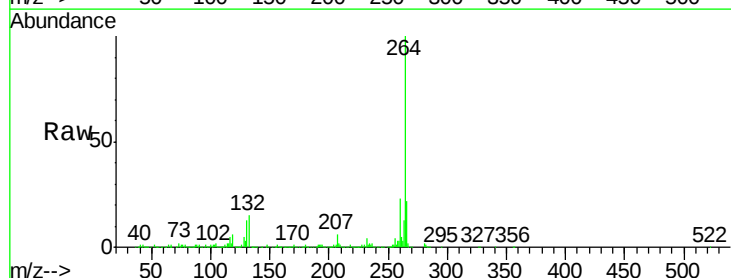
Tgt Ion:264 Resp: 314072

Ion Ratio Lower Upper

264 100

260 23.0 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

