

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052015\
 Data File : BG017224.D
 Acq On : 20 May 2015 20:39
 Operator : TP/IZ
 Sample : G2279-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FIELDBLANK

Quant Time: May 21 02:38:39 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 21 02:15:39 2015
 Response via : Initial Calibration

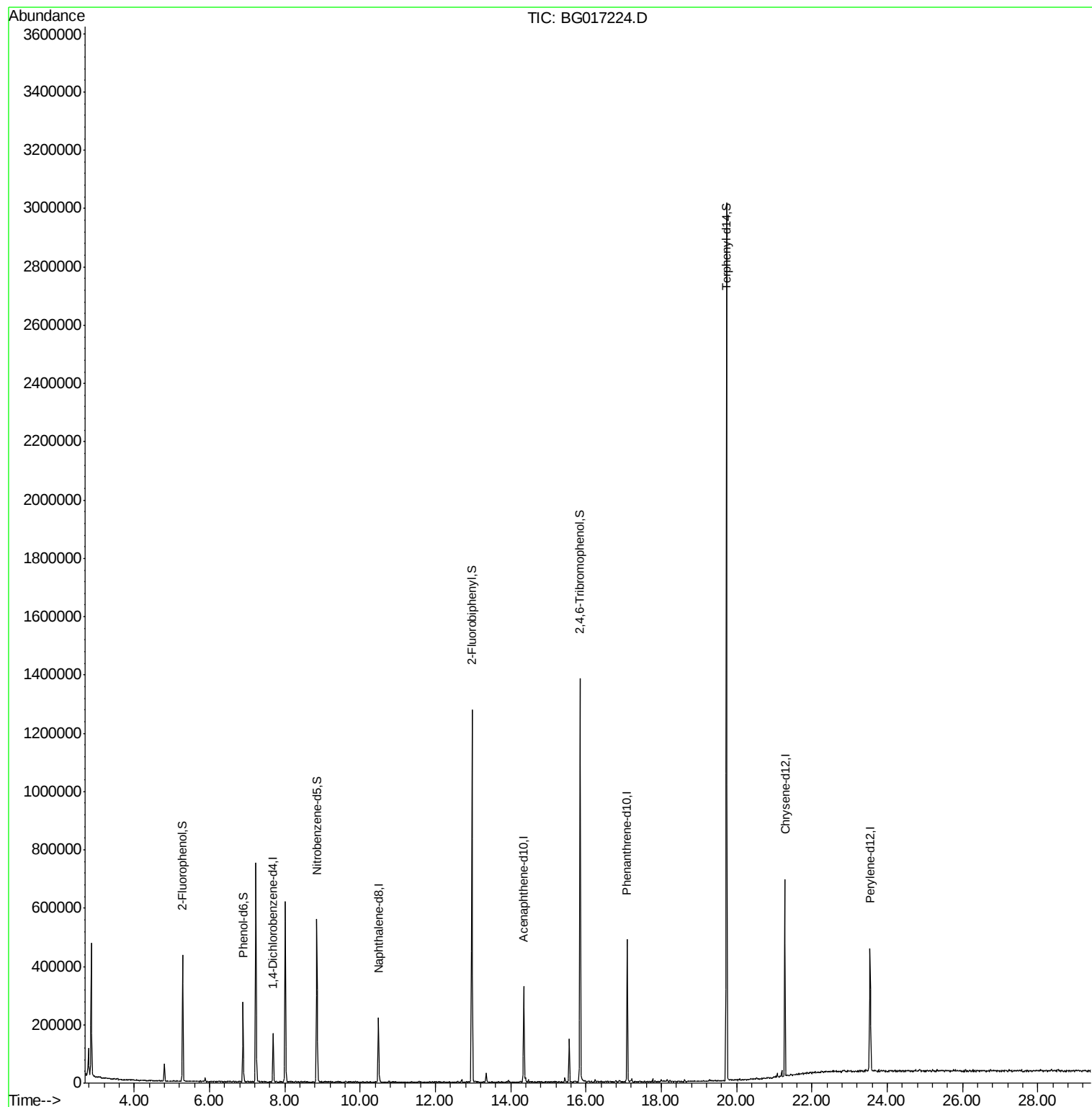
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	36717	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	157749	20.00	ng	0.00
38) Acenaphthene-d10	14.35	164	103749	20.00	ng	0.00
63) Phenanthrene-d10	17.10	188	255567	20.00	ng	0.00
75) Chrysene-d12	21.29	240	286718	20.00	ng	0.00
86) Perylene-d12	23.55	264	289846	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	144581	69.86	ng	0.00
7) Phenol-d6	6.89	99	117846	40.58	ng	0.00
23) Nitrobenzene-d5	8.85	82	282728	83.68	ng	0.00
41) 2,4,6-Tribromophenol	15.84	330	184654	147.23	ng	0.00
44) 2-Fluorobiphenyl	12.97	172	580835	82.15	ng	0.00
78) Terphenyl-d14	19.73	244	1137850	82.70	ng	0.00
Target Compounds						
9) Benzaldehyde	6.84	77	119	Below Cal	Qvalue #	49

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG017224.D

Acq: 20 May 2015 20:39

Instrument :

BNA_G

ClientSampleId :

FIELDBLANK

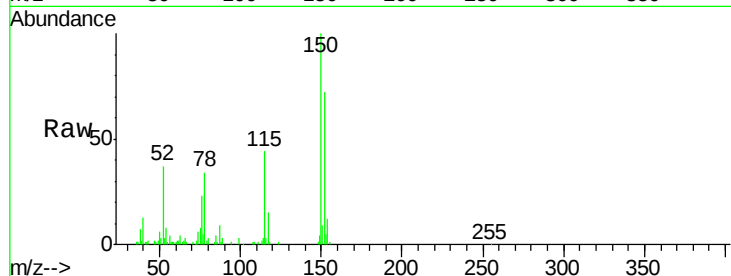
Tot Ion:152 Resp: 36717

Ion Ratio Lower Upper

152 100

150 138.2 120.8 181.2

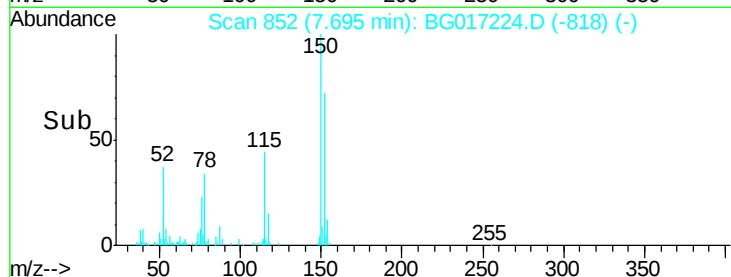
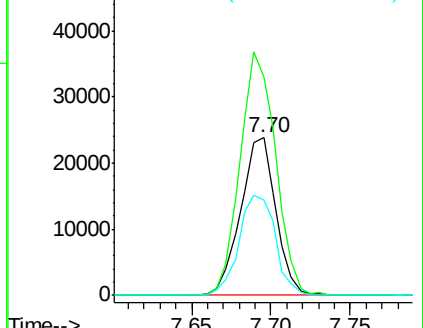
115 60.6 49.4 74.2



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: 69.86 ng

RT: 5.29 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG017224.D

Acq: 20 May 2015 20:39

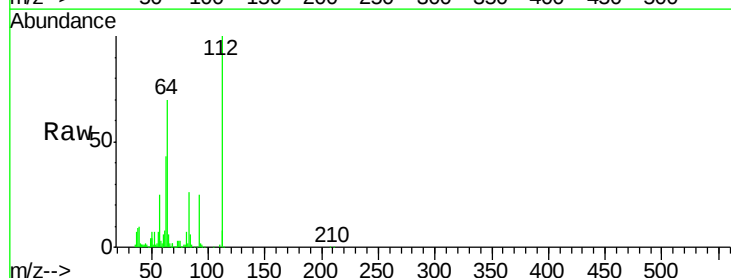
Tgt Ion:112 Resp: 144581

Ion Ratio Lower Upper

112 100

64 70.0 48.1 72.1

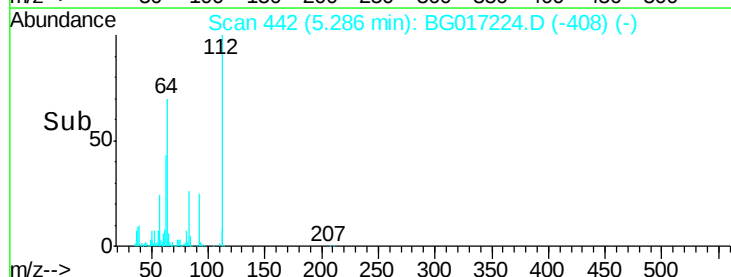
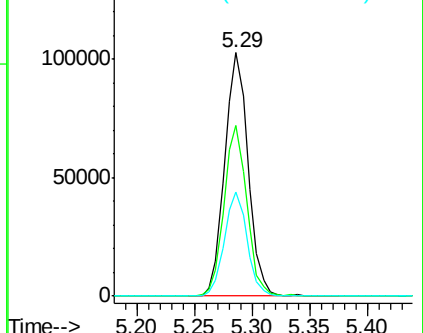
63 42.8 29.8 44.8

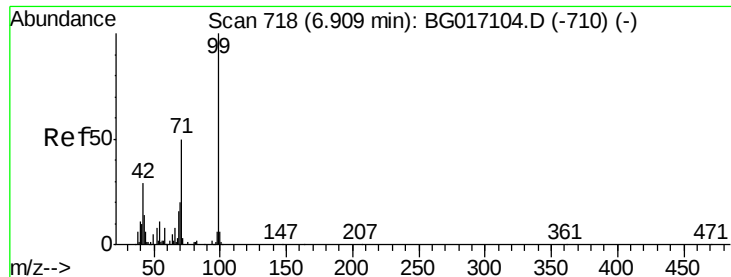


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 40.58 ng

RT: 6.89 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG017224.D

Acq: 20 May 2015 20:39

Instrument :

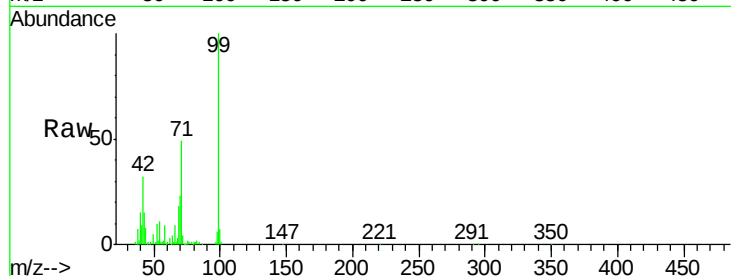
BNA_G

ClientSampleId :

FIELDBLANK

Tot Ion: 99 Resp: 117846

Ion	Ratio	Lower	Upper
99	100		
42	31.6	23.5	35.3
71	48.7	39.8	59.8

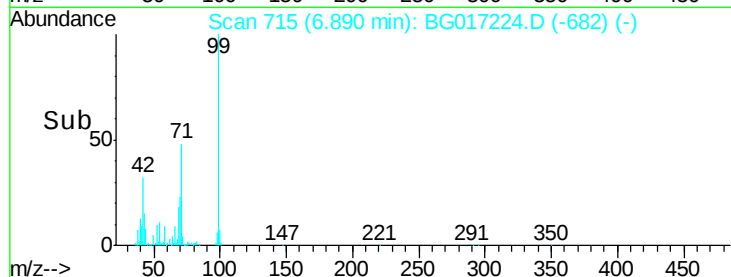
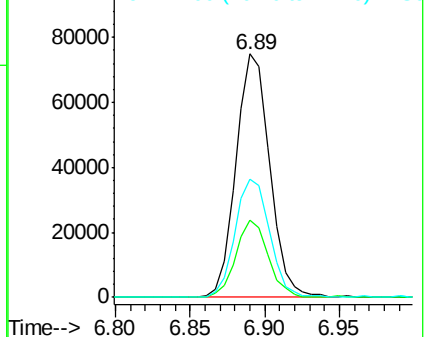


Abundance

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: 10.49 min Scan# 1327

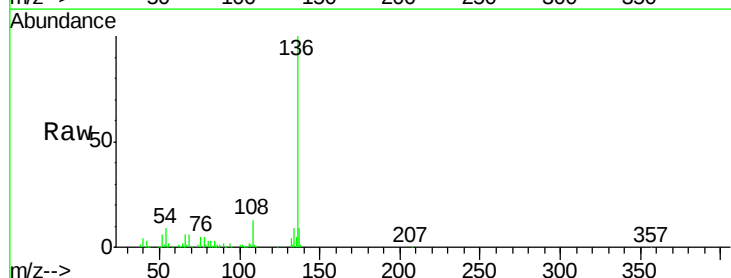
Delta R.T. -0.00 min

Lab File: BG017224.D

Acq: 20 May 2015 20:39

Tgt Ion: 136 Resp: 157749

Ion	Ratio	Lower	Upper
136	100		
137	9.4	8.3	12.5
54	8.8	7.4	11.2
68	6.0	3.6	5.4



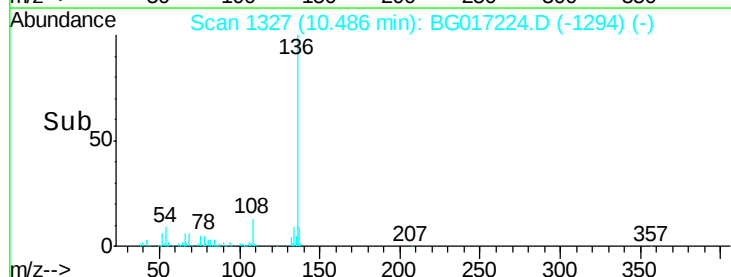
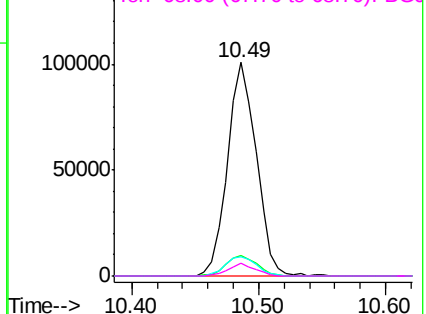
Abundance

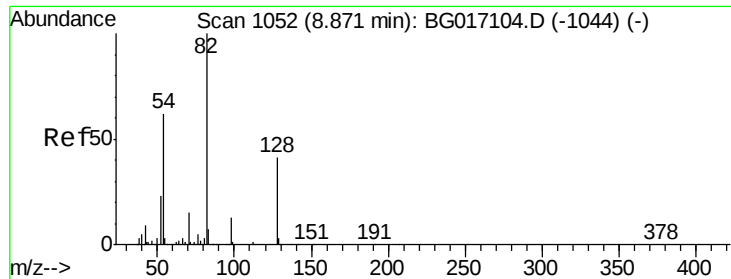
Ion 136.00 (135.70 to 136.70): BGC

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

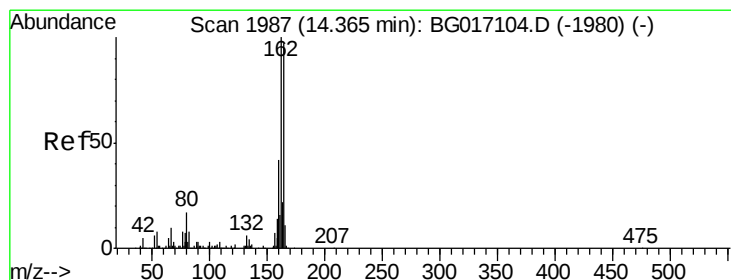
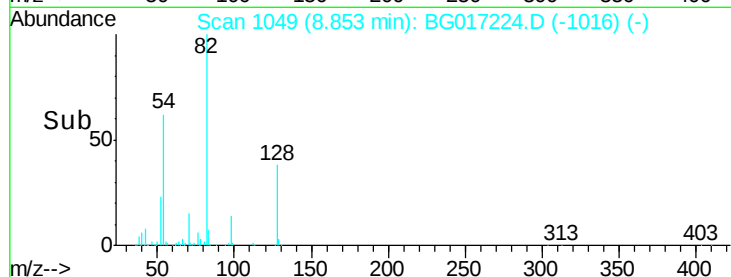
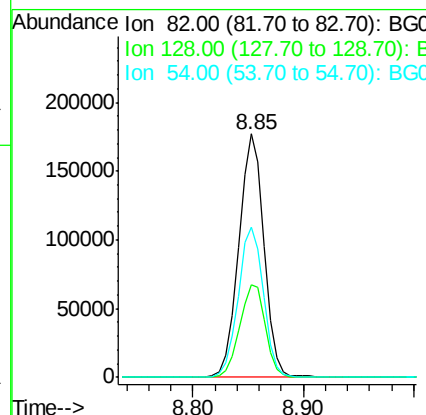
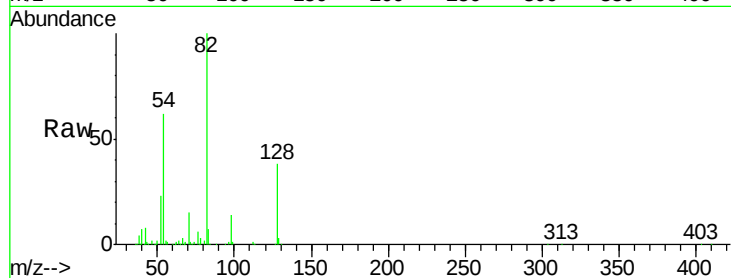




#23
 Nitrobenzene-d5
 Concen: 83.68 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG017224.D
 Acq: 20 May 2015 20:39

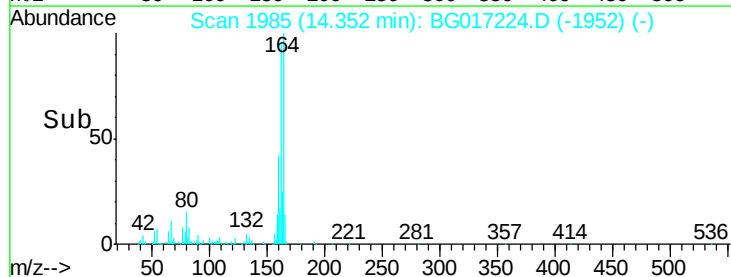
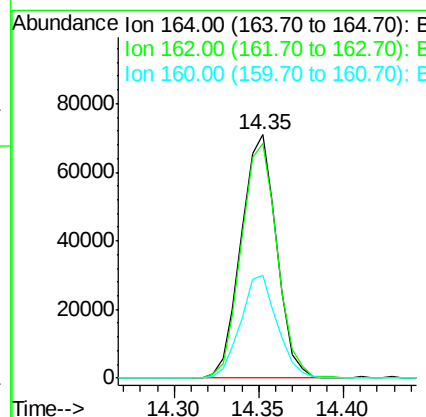
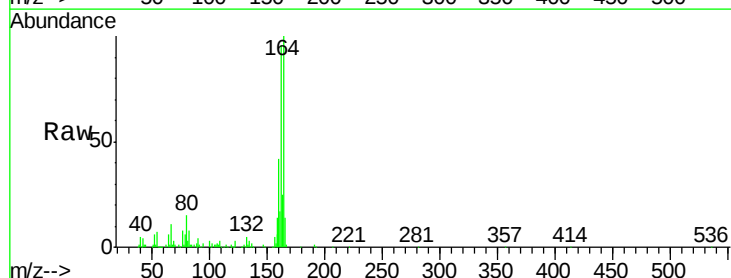
Instrument :
 BNA_G
 ClientSampleId :
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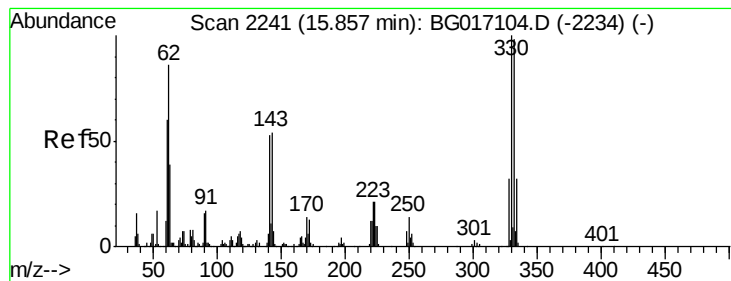
Tot Ion	82	Resp	282728
Ion Ratio	Lower	Upper	
82	100		
128	38.1	32.6	49.0
54	61.6	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.35 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: BG017224.D
 Acq: 20 May 2015 20:39

Tgt Ion	164	Resp	103749
Ion Ratio	Lower	Upper	
164	100		
162	96.2	82.1	123.1
160	42.5	34.8	52.2





#41

2,4,6-Tribromophenol

Concen: 147.23 ng

RT: 15.84 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BG017224.D

Acq: 20 May 2015 20:39

Instrument :

BNA_G

ClientSampleId :

FIELDBLANK

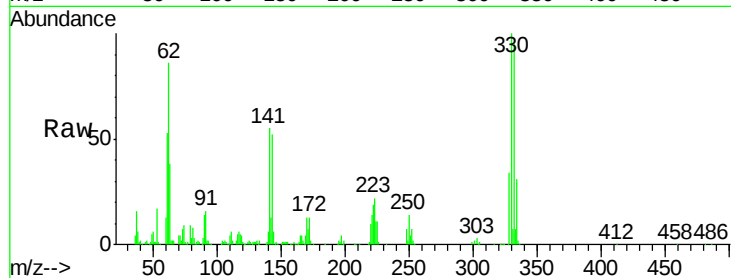
Tot Ion:330 Resp: 184654

Ion Ratio Lower Upper

330 100

332 94.8 76.9 115.3

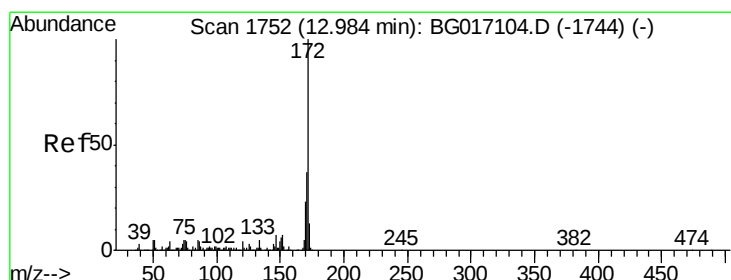
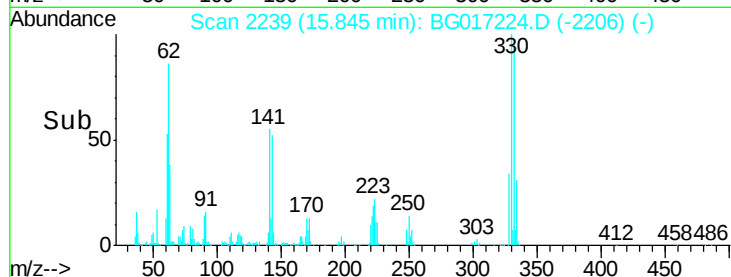
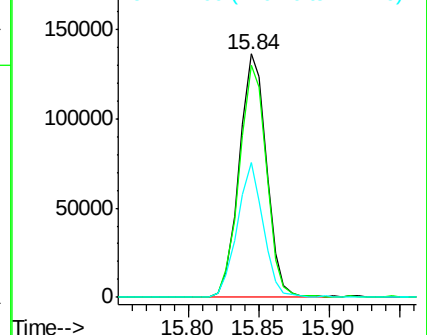
141 52.8 42.2 63.2



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: 82.15 ng

RT: 12.97 min Scan# 1750

Delta R.T. 0.00 min

Lab File: BG017224.D

Acq: 20 May 2015 20:39

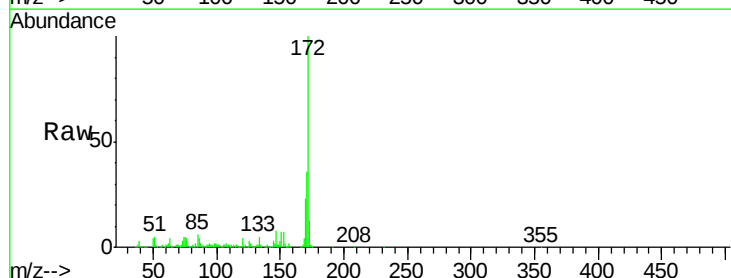
Tgt Ion:172 Resp: 580835

Ion Ratio Lower Upper

172 100

171 35.6 29.7 44.5

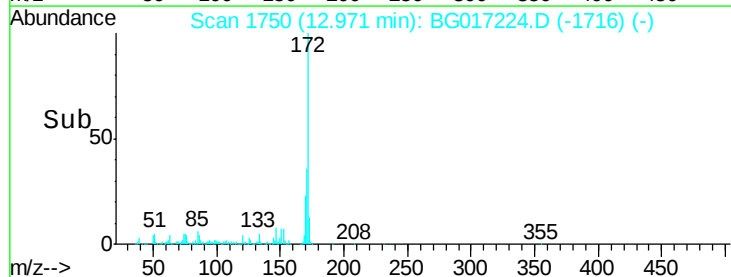
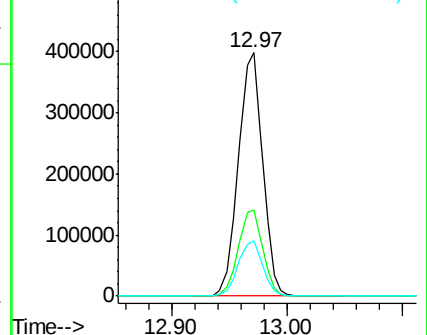
170 23.0 18.4 27.6

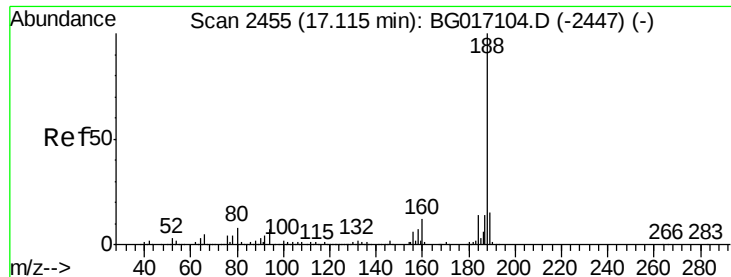


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

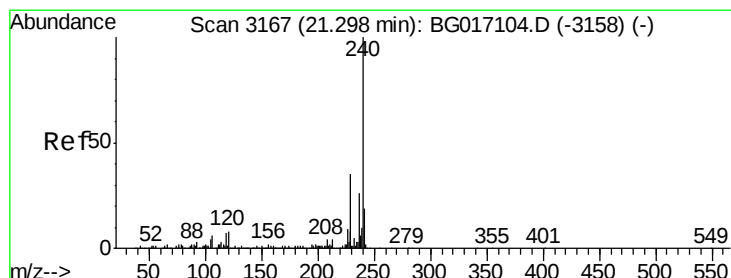
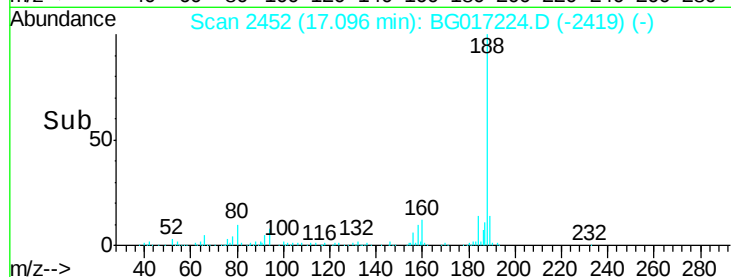
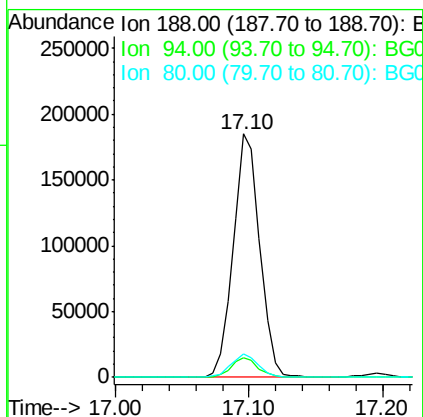
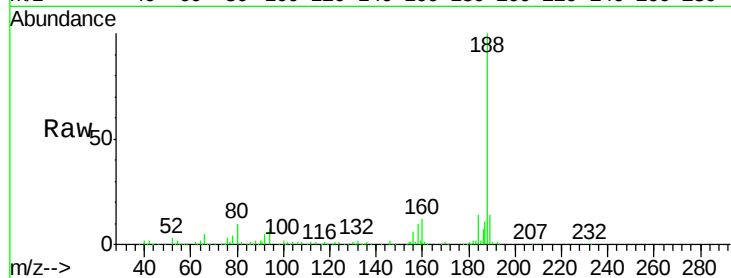




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.10 min Scan# 2452
Delta R.T. -0.00 min
Lab File: BG017224.D
Acq: 20 May 2015 20:39

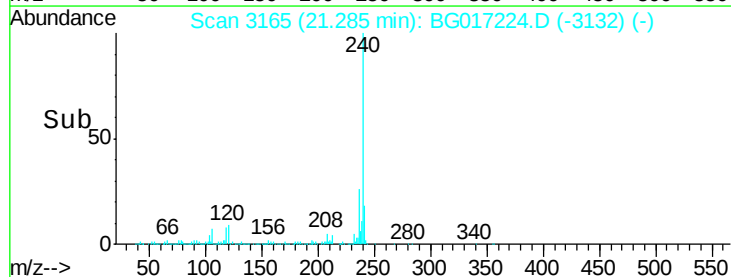
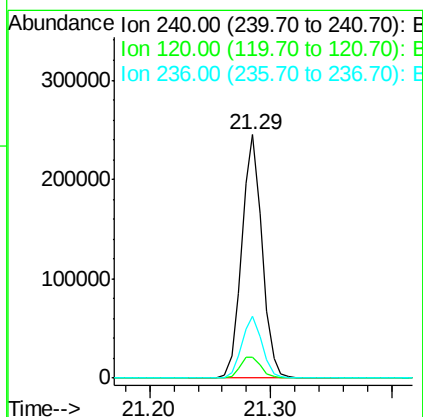
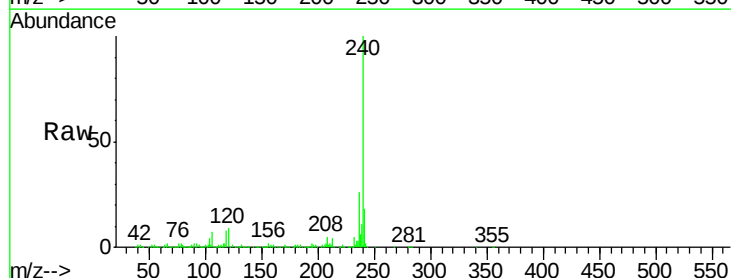
Instrument :
BNA_G
ClientSampleId :
FIELDBLANK

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.8	5.8	8.6
80	9.6	6.5	9.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3165
Delta R.T. -0.00 min
Lab File: BG017224.D
Acq: 20 May 2015 20:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.0	9.0
236	25.5	20.5	30.7





#78

Terphenyl-d14

Concen: 82.70 ng

RT: 19.73 min Scan# 2901

Delta R.T. -0.00 min

Lab File: BG017224.D

Acq: 20 May 2015 20:39

Instrument :

BNA_G

ClientSampleId :

FIELDBLANK

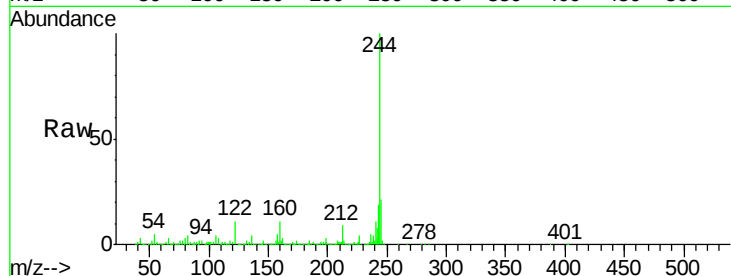
Tot Ion:244 Resp: 1137850

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.4

122 10.9 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

1200000

1000000

800000

600000

400000

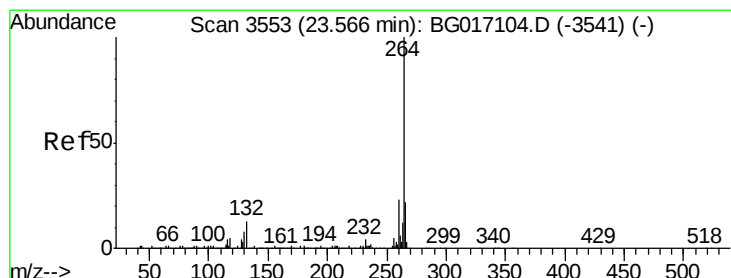
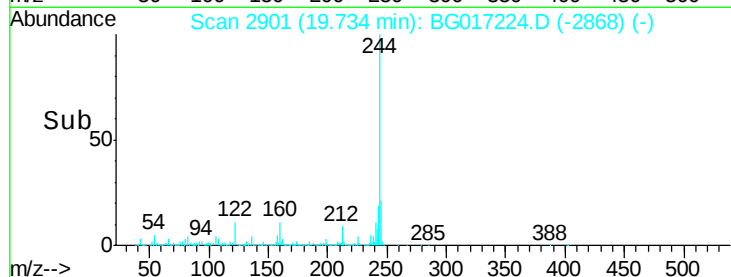
200000

0

19.73

19.65 19.70 19.75 19.80

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.55 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BG017224.D

Acq: 20 May 2015 20:39

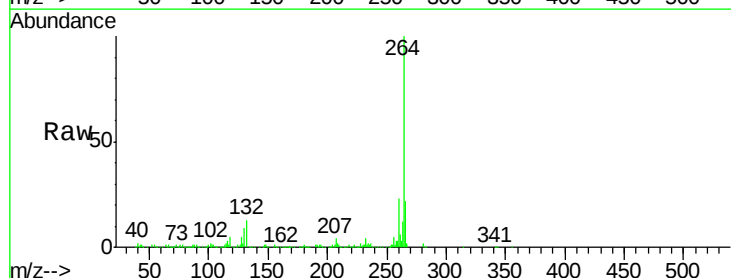
Tgt Ion:264 Resp: 289846

Ion Ratio Lower Upper

264 100

260 22.6 18.0 27.0

265 21.9 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

200000

150000

100000

50000

0

23.55

23.40 23.50 23.60 23.70

Time-->

