

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
 Data File : BG016868.D
 Acq On : 5 May 2015 16:46
 Operator : TP/IZ
 Sample : PB83158BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83158BL

Quant Time: May 06 02:30:24 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	72057	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	293432	20.00	ng	0.00
38) Acenaphthene-d10	14.45	164	185225	20.00	ng	0.00
63) Phenanthrene-d10	17.19	188	451735	20.00	ng	0.00
75) Chrysene-d12	21.37	240	503472	20.00	ng	0.00
86) Perylene-d12	23.68	264	490564	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	474875	114.75	ng	0.00
7) Phenol-d6	6.97	99	621152	105.06	ng	0.00
23) Nitrobenzene-d5	8.96	82	389815	64.90	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	210257	113.07	ng	0.00
44) 2-Fluorobiphenyl	13.07	172	801516	65.30	ng	0.00
78) Terphenyl-d14	19.82	244	1437247	66.92	ng	0.00

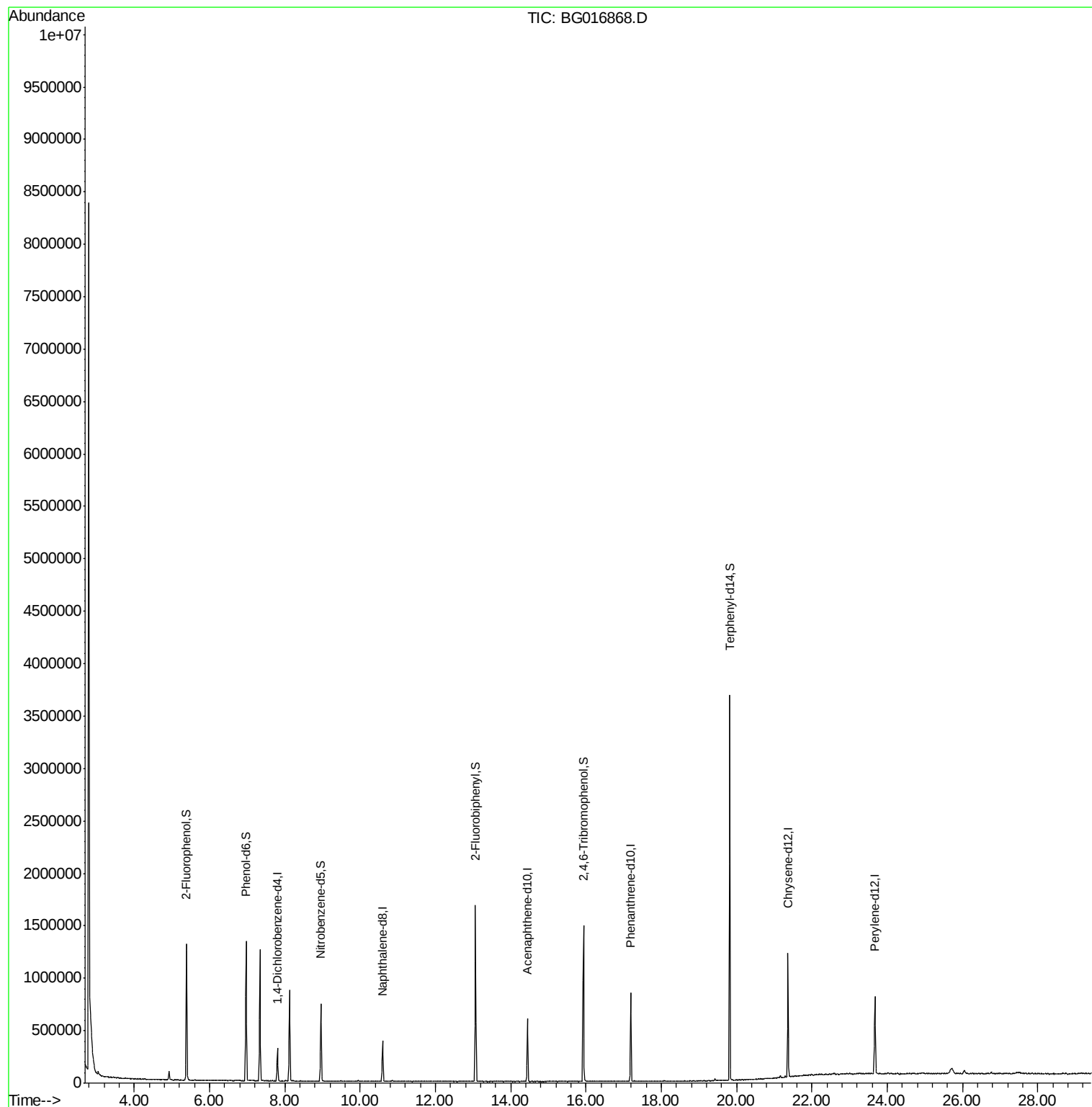
Target Compounds Qvalue

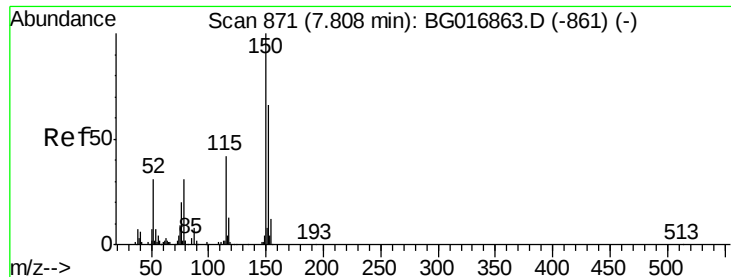
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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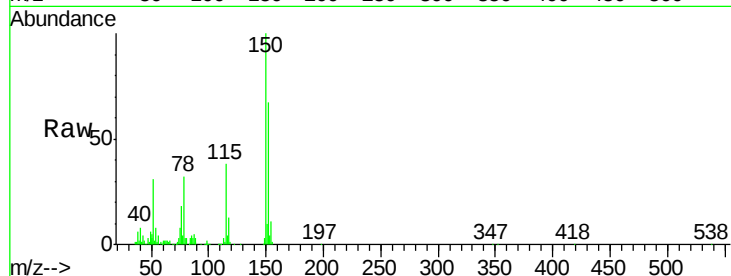


#1

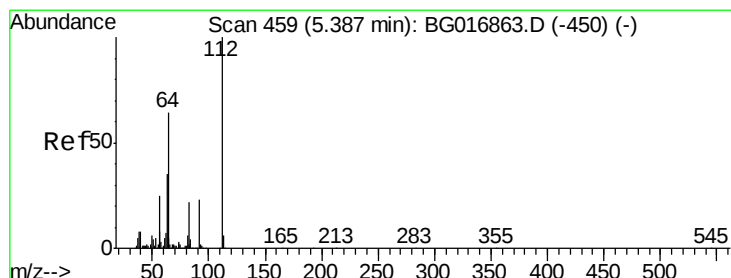
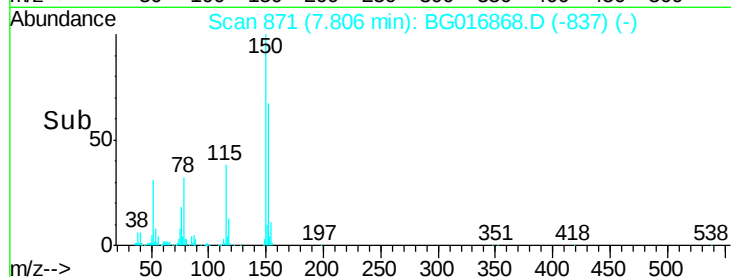
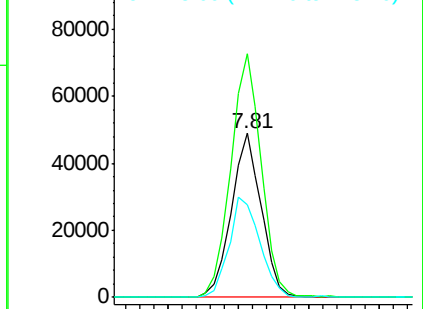
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.81 min Scan# 871
Delta R.T. -0.00 min
Lab File: BG016868.D
Acq: 5 May 2015 16:46

Instrument :
BNA_G
ClientSampleId :
PB83158BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.6	121.0	181.4
115	56.2	50.5	75.7



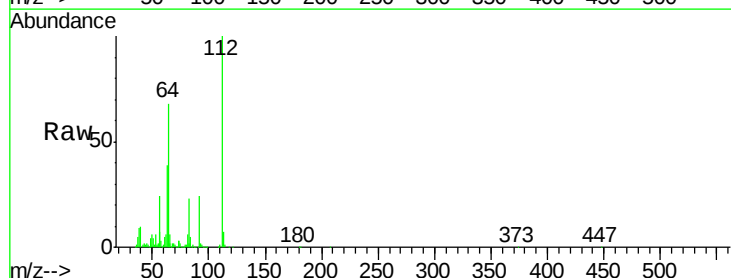
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



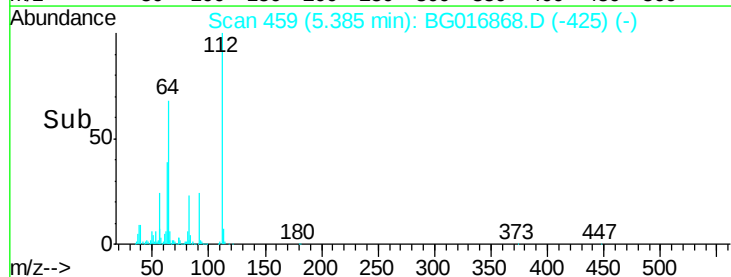
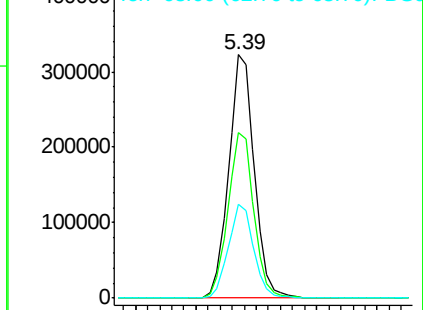
#5

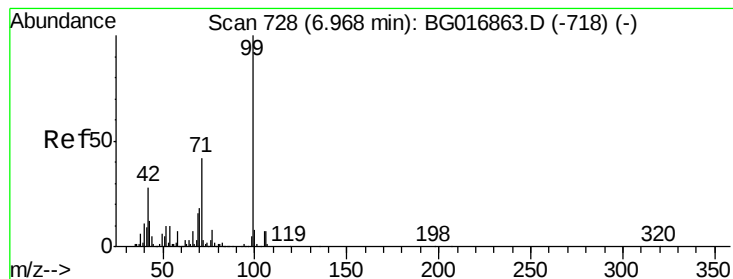
2-Fluorophenol
Concen: 114.75 ng
RT: 5.39 min Scan# 459
Delta R.T. -0.00 min
Lab File: BG016868.D
Acq: 5 May 2015 16:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	51.4	77.2
63	38.6	28.1	42.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 105.06 ng

RT: 6.97 min Scan# 729

Delta R.T. 0.00 min

Lab File: BG016868.D

Acq: 5 May 2015 16:46

Instrument :

BNA_G

ClientSampled :

PB83158BL

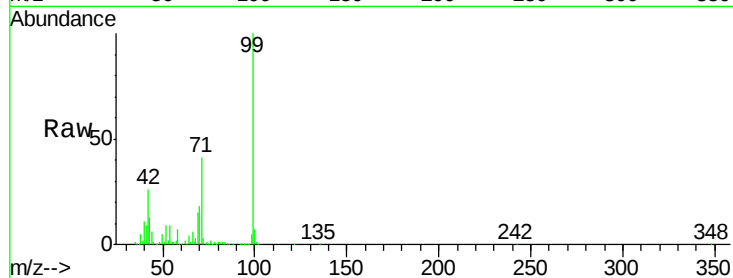
Tot Ion: 99 Resp: 621152

Ion Ratio Lower Upper

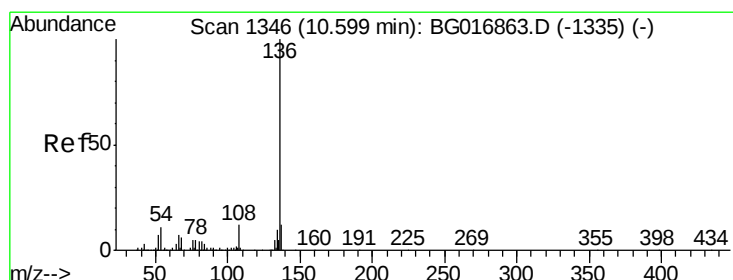
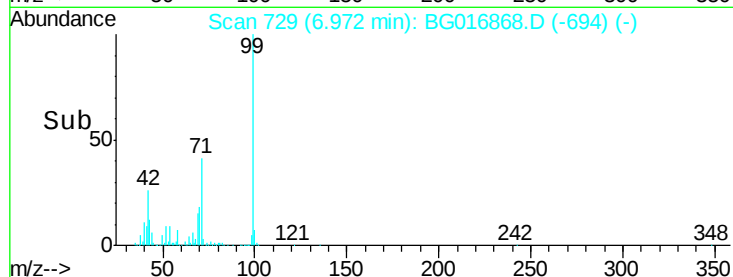
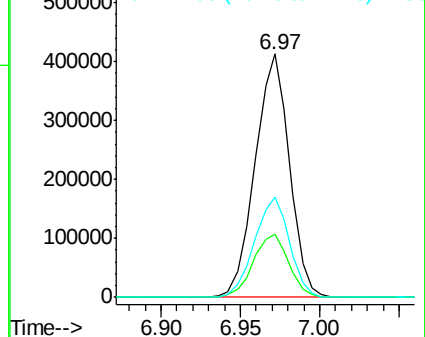
99 100

42 26.0 22.1 33.1

71 41.3 33.4 50.0



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: 10.60 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BG016868.D

Acq: 5 May 2015 16:46

Tgt Ion: 136 Resp: 293432

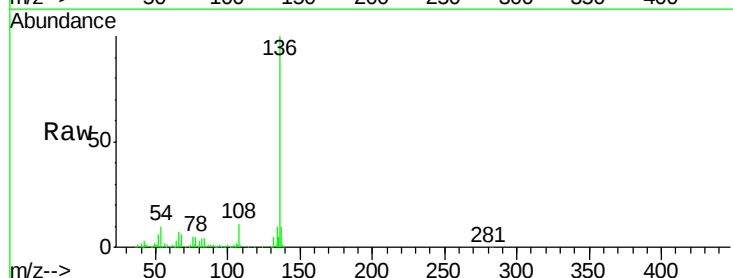
Ion Ratio Lower Upper

136 100

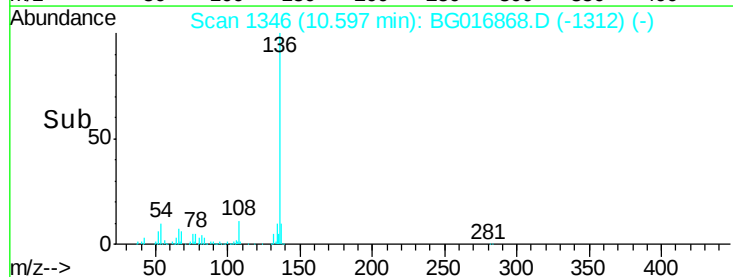
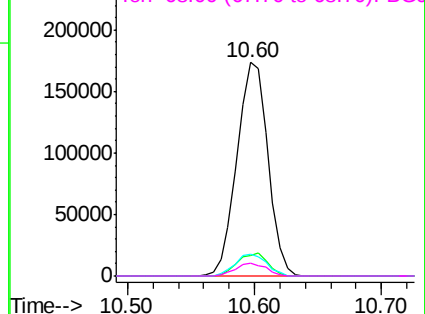
137 9.9 9.8 14.8

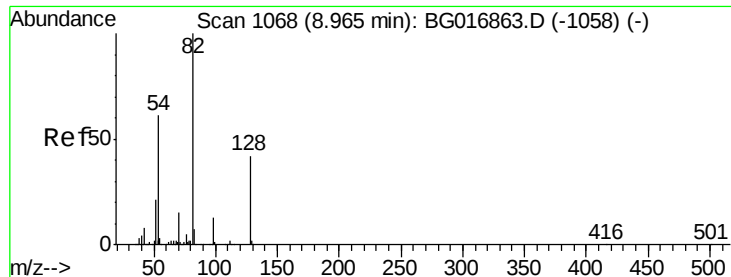
54 10.0 8.7 13.1

68 6.2 5.0 7.4



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

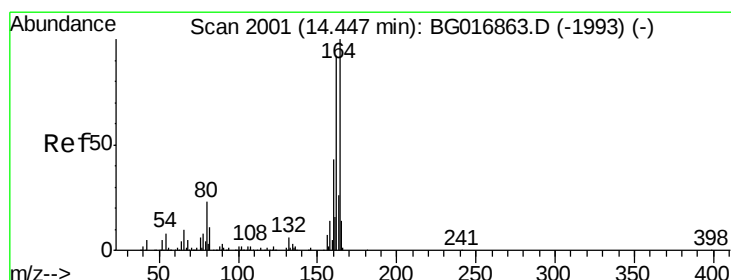
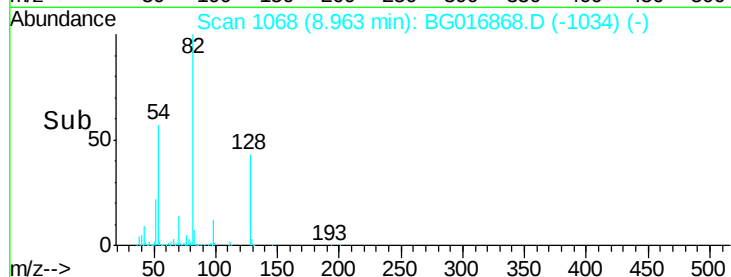
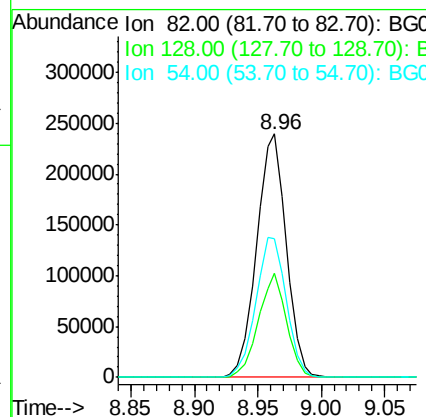
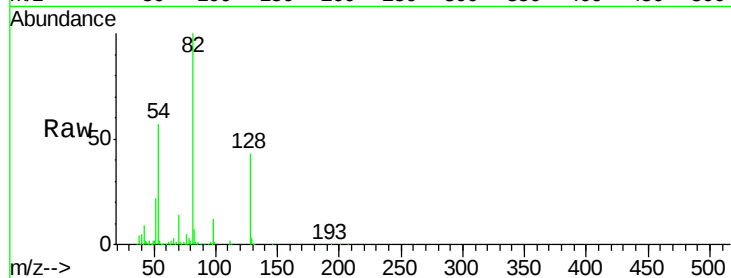




#23
 Nitrobenzene-d5
 Concen: 64.90 ng
 RT: 8.96 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: BG016868.D
 Acq: 5 May 2015 16:46

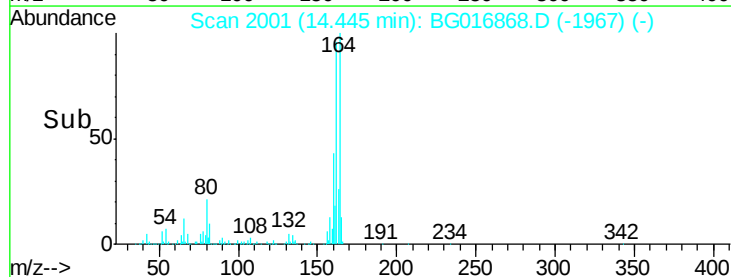
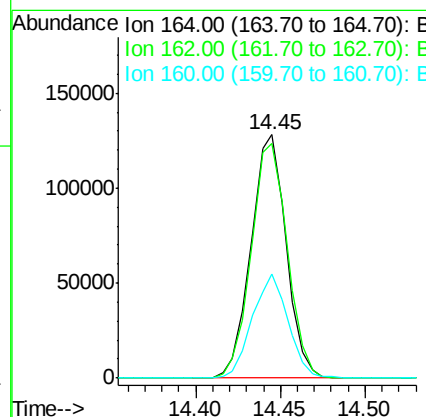
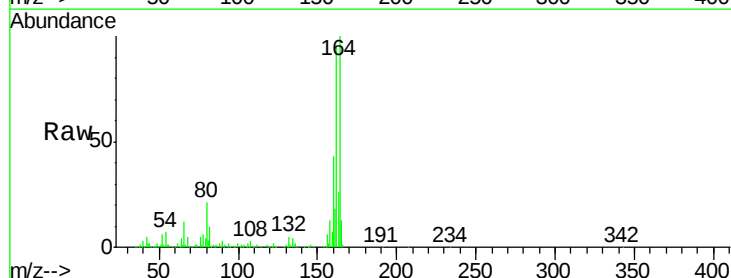
Instrument :
 BNA_G
 ClientSampleId :
 PB83158BL

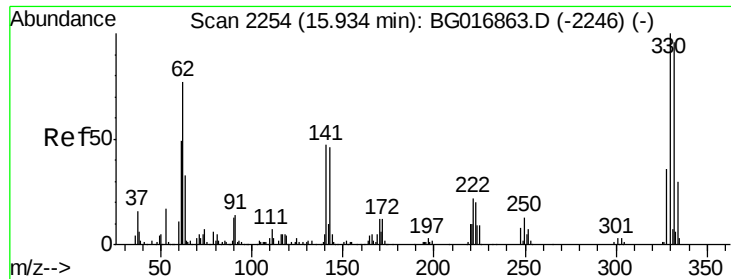
Tot Ion	82	Resp	389815
Ion Ratio	Lower	Upper	
82	100		
128	42.6	33.2	49.8
54	57.1	48.6	72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.45 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BG016868.D
 Acq: 5 May 2015 16:46

Tgt Ion	164	Resp	185225
Ion Ratio	Lower	Upper	
164	100		
162	96.5	74.0	111.0
160	42.6	34.7	52.1

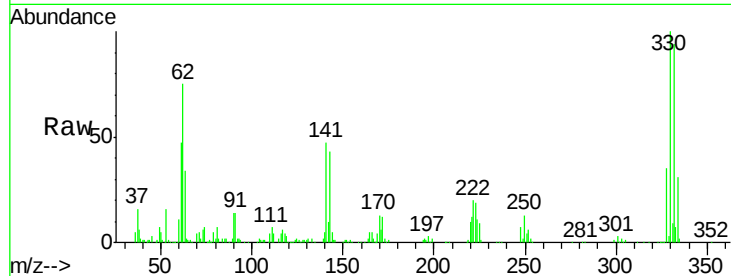




#41
 2,4,6-Tribromophenol
 Concen: 113.07 ng
 RT: 15.93 min Scan# 2254
 Delta R.T. -0.00 min
 Lab File: BG016868.D
 Acq: 5 May 2015 16:46

Instrument :
 BNA_G
 ClientSampleId :
 PB83158BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	50.4	0.0	0.0#

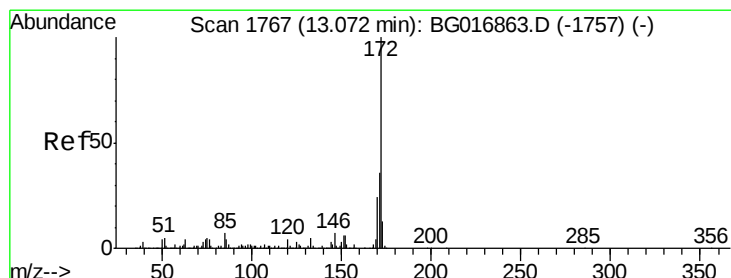
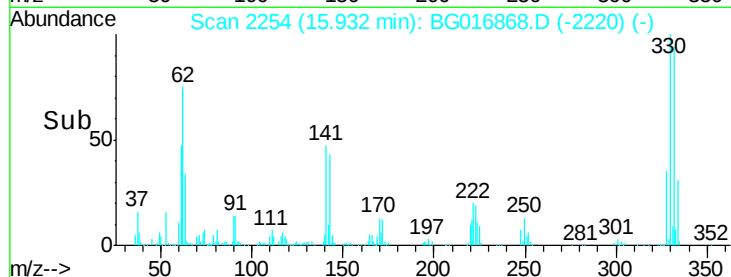
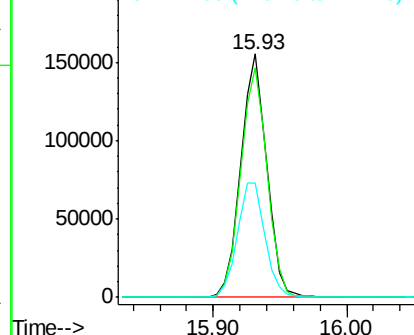


Abundance

Ion 329.80 (329.50 to 330.50): E

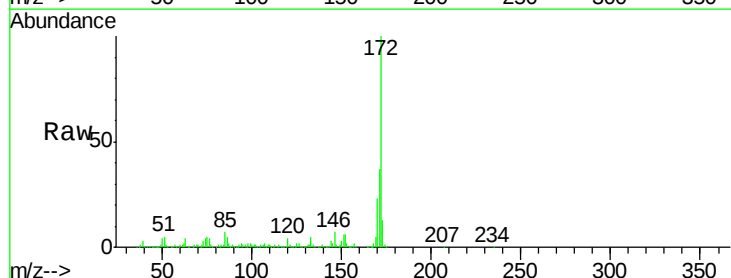
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 65.30 ng
 RT: 13.07 min Scan# 1767
 Delta R.T. -0.00 min
 Lab File: BG016868.D
 Acq: 5 May 2015 16:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	23.2	19.0	28.4

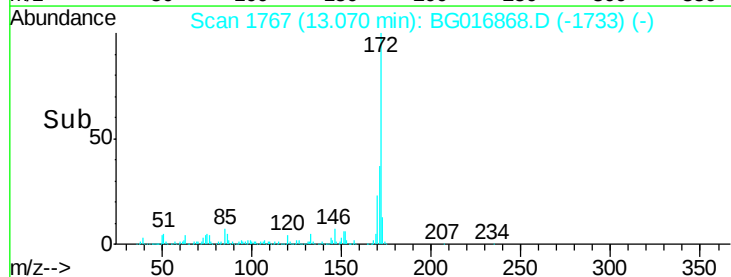
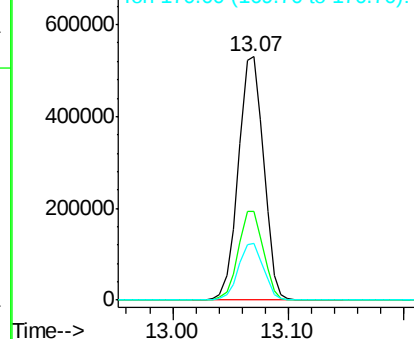


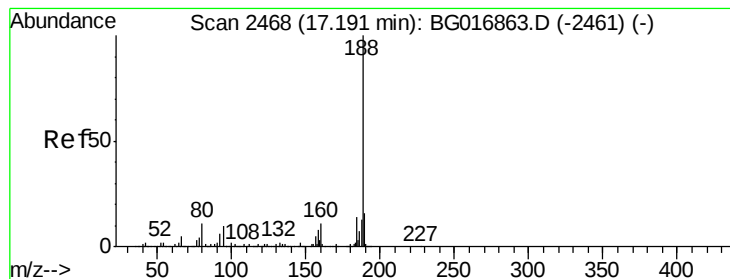
Abundance

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: 17.19 min Scan# 2468

Delta R.T. -0.00 min

Lab File: BG016868.D

Acq: 5 May 2015 16:46

Instrument :

BNA_G

ClientSampleId :

PB83158BL

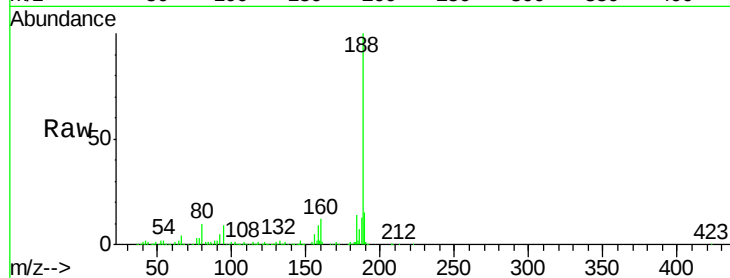
Tot Ion:188 Resp: 451735

Ion Ratio Lower Upper

188 100

94 9.2 8.2 12.4

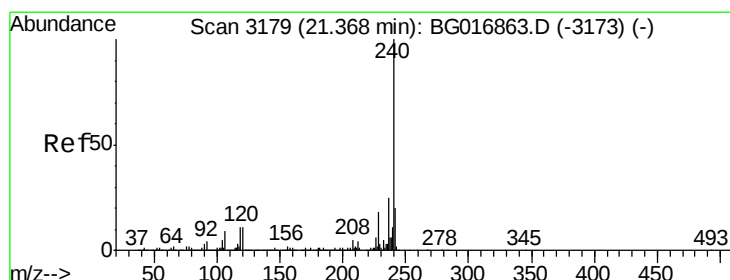
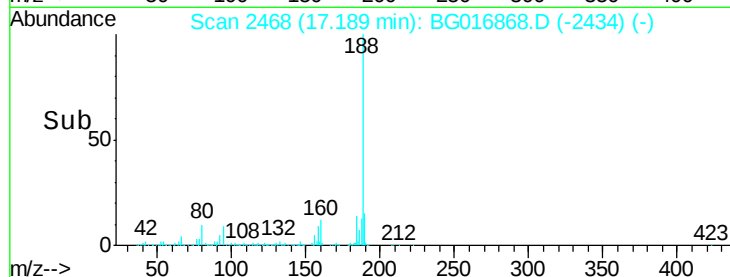
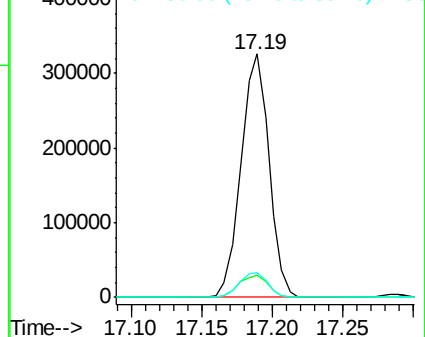
80 10.0 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.37 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BG016868.D

Acq: 5 May 2015 16:46

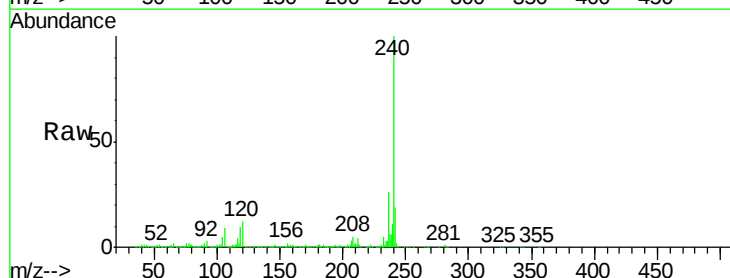
Tgt Ion:240 Resp: 503472

Ion Ratio Lower Upper

240 100

120 12.0 9.1 13.7

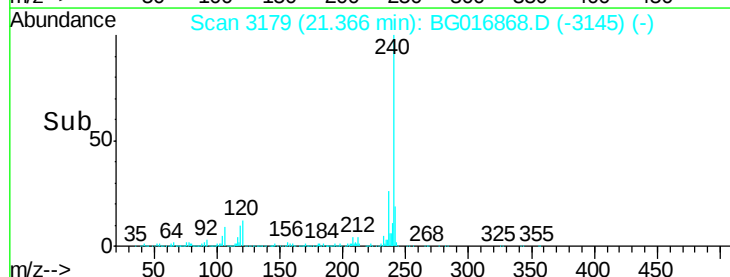
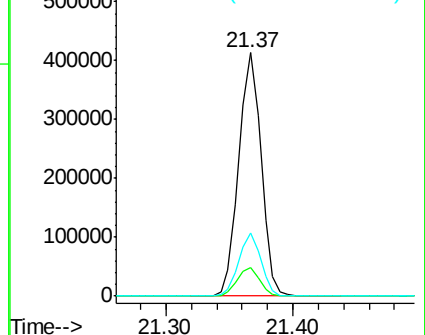
236 26.0 20.2 30.4

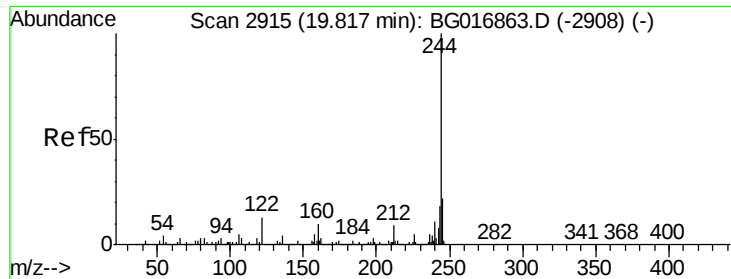


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 66.92 ng

RT: 19.82 min Scan# 2916

Delta R.T. 0.00 min

Lab File: BG016868.D

Acq: 5 May 2015 16:46

Instrument :

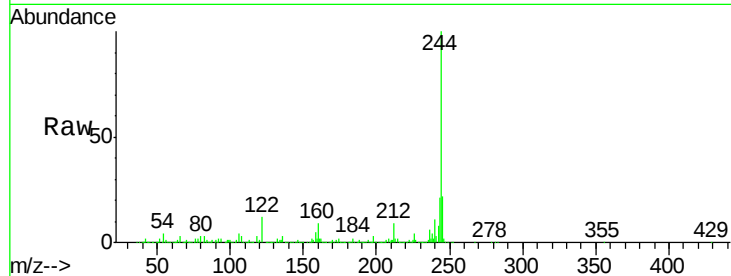
BNA_G

ClientSampleId :

PB83158BL

Tot Ion:244 Resp: 1437247

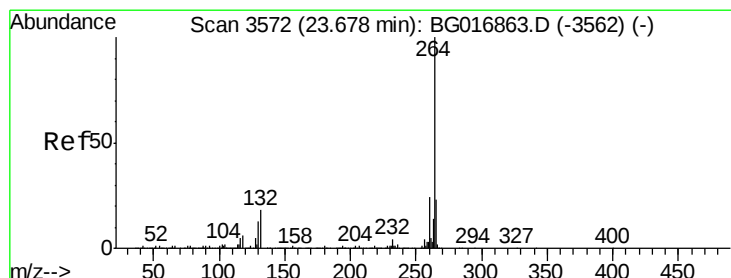
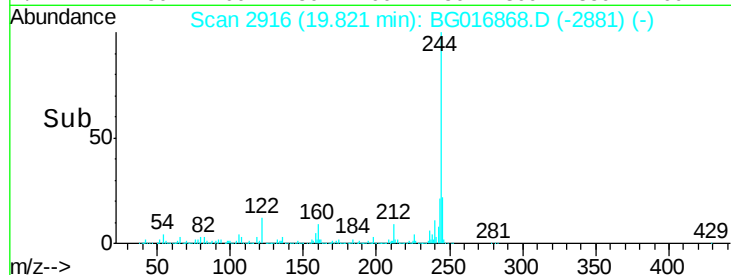
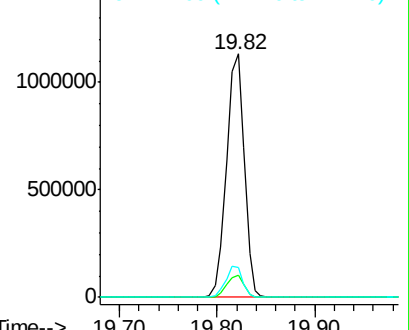
Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	12.2	10.4	15.6



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: 23.68 min Scan# 3572

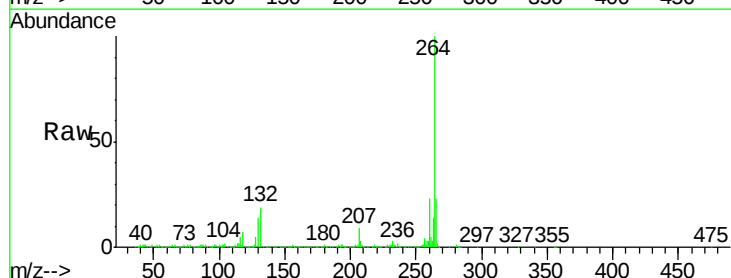
Delta R.T. -0.00 min

Lab File: BG016868.D

Acq: 5 May 2015 16:46

Tgt Ion:264 Resp: 490564

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	22.6	18.5	27.7



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

