

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
 Data File : BG016874.D
 Acq On : 5 May 2015 20:15
 Operator : TP/IZ
 Sample : PB83180BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83180BL

Quant Time: May 06 03:35:17 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	58696	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	250209	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	163670	20.00	ng	0.00
63) Phenanthrene-d10	17.19	188	389783	20.00	ng	0.00
75) Chrysene-d12	21.37	240	422375	20.00	ng	0.00
86) Perylene-d12	23.67	264	402868	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	503602	149.39	ng	0.00
7) Phenol-d6	6.97	99	672326	139.60	ng	0.00
23) Nitrobenzene-d5	8.96	82	410307	80.11	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	229600	139.74	ng	0.00
44) 2-Fluorobiphenyl	13.07	172	887111	81.79	ng	0.00
78) Terphenyl-d14	19.81	244	1525057	84.64	ng	0.00

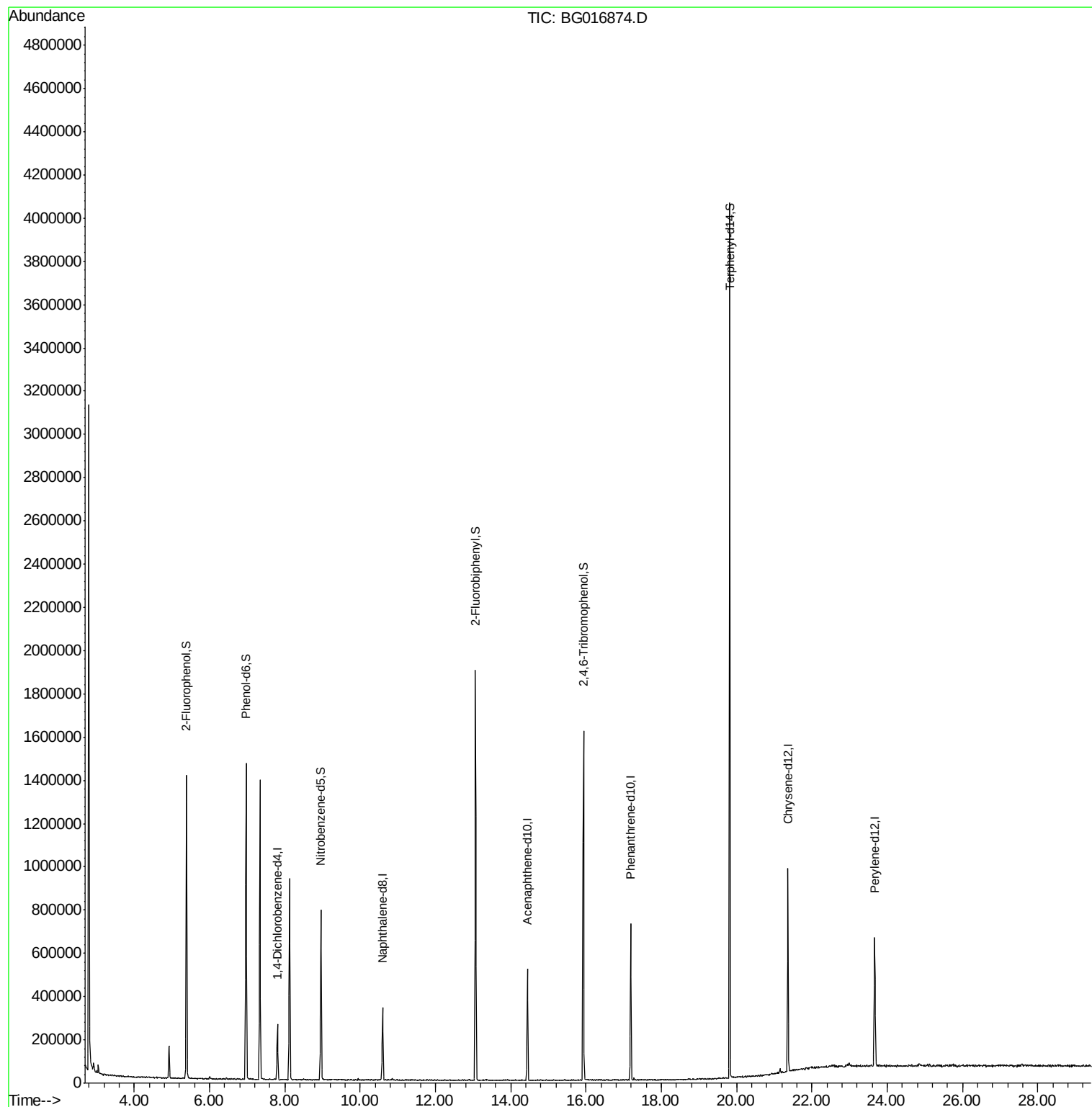
Target Compounds Qvalue

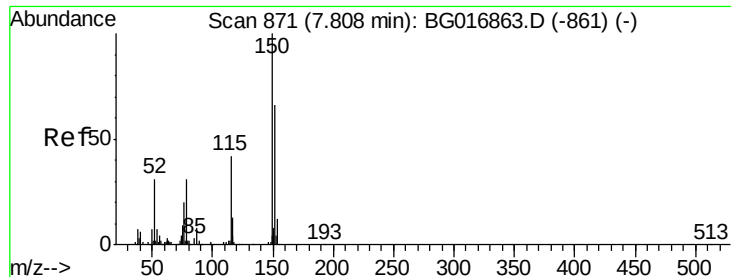
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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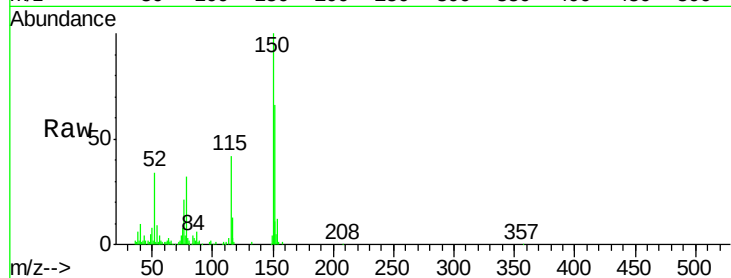


#1

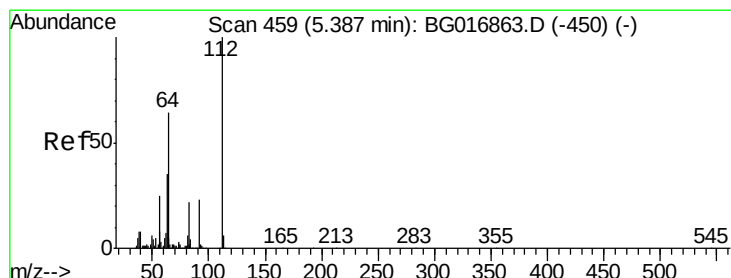
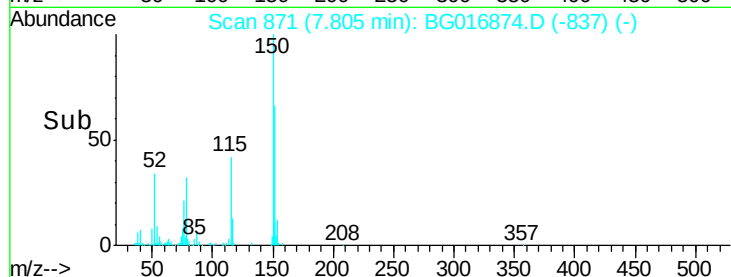
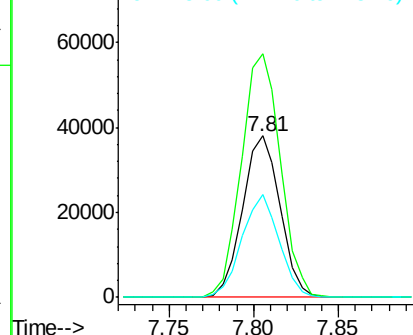
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.81 min Scan# 871
Delta R.T. -0.00 min
Lab File: BG016874.D
Acq: 5 May 2015 20:15

Instrument :
BNA_G
ClientSampleId :
PB83180BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	121.0	181.4
115	63.7	50.5	75.7



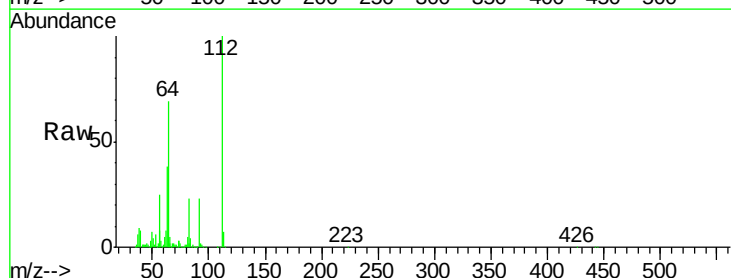
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



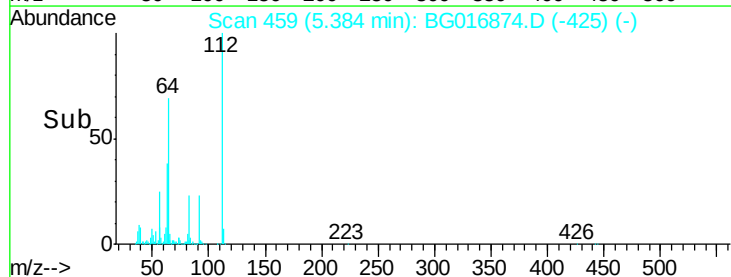
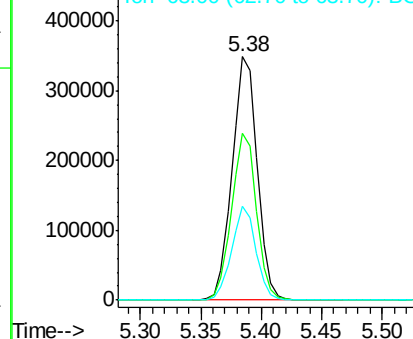
#5

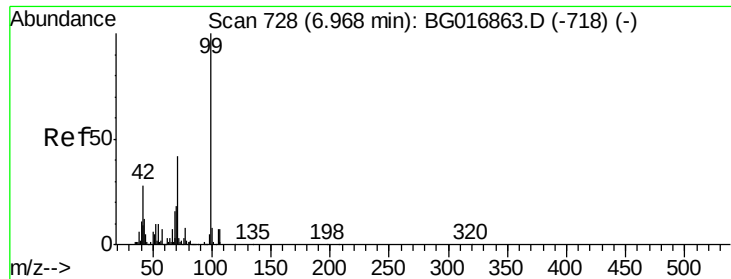
2-Fluorophenol
Concen: 149.39 ng
RT: 5.38 min Scan# 459
Delta R.T. -0.00 min
Lab File: BG016874.D
Acq: 5 May 2015 20:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.6	51.4	77.2
63	38.3	28.1	42.1



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: 139.60 ng

RT: 6.97 min Scan# 729

Delta R.T. 0.00 min

Lab File: BG016874.D

Acq: 5 May 2015 20:15

Instrument :

BNA_G

ClientSampleId :

PB83180BL

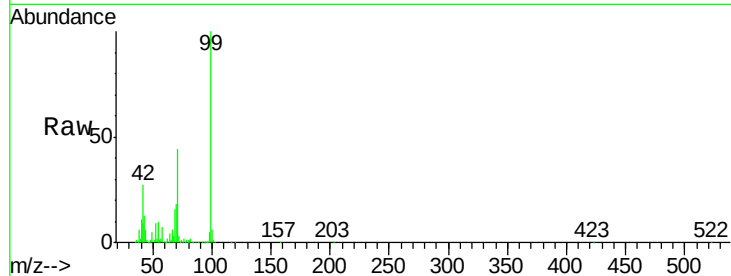
Tot Ion: 99 Resp: 672326

Ion Ratio Lower Upper

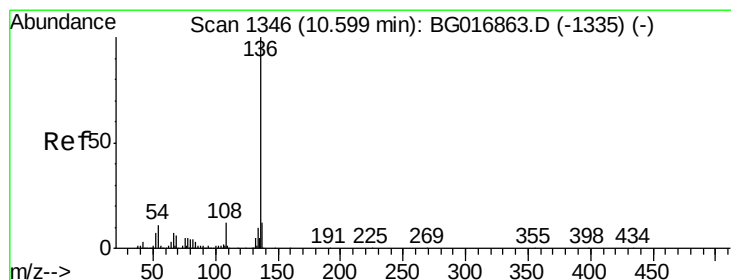
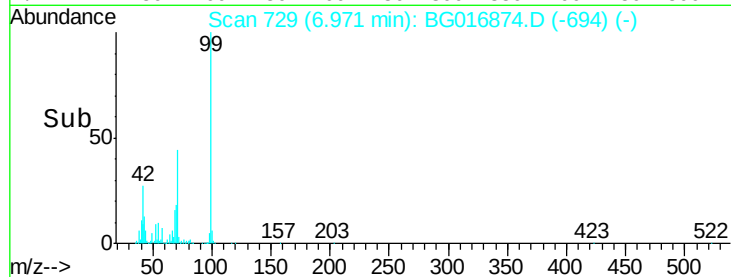
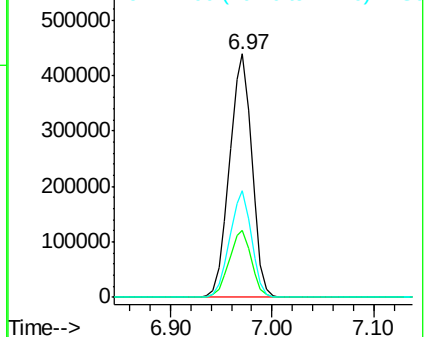
99 100

42 27.5 22.1 33.1

71 44.0 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: BG016874.D

Acq: 5 May 2015 20:15

Tgt Ion: 136 Resp: 250209

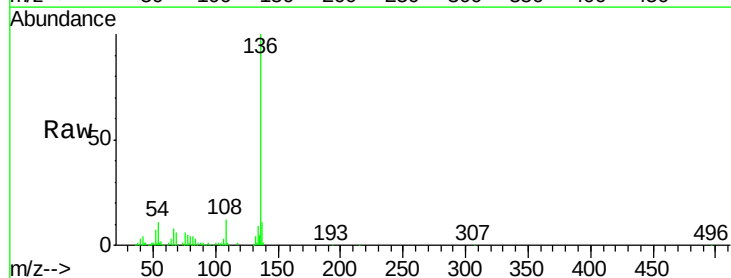
Ion Ratio Lower Upper

136 100

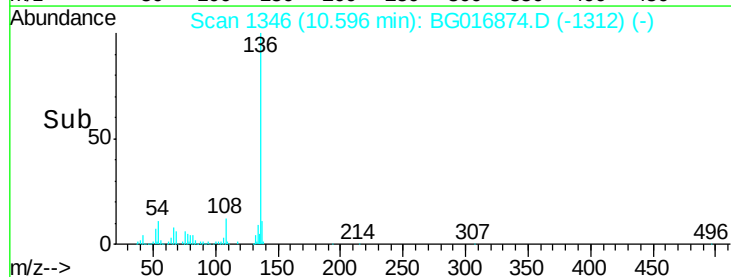
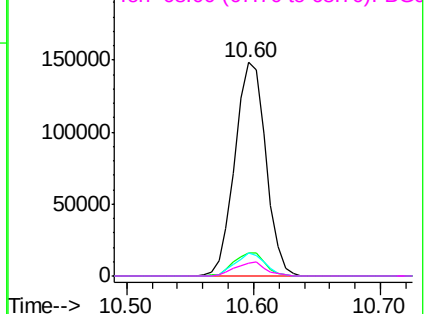
137 10.9 9.8 14.8

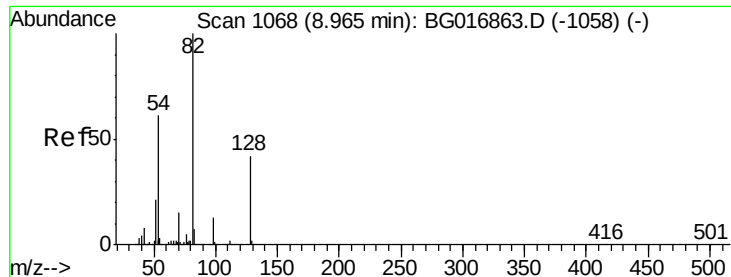
54 10.8 8.7 13.1

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

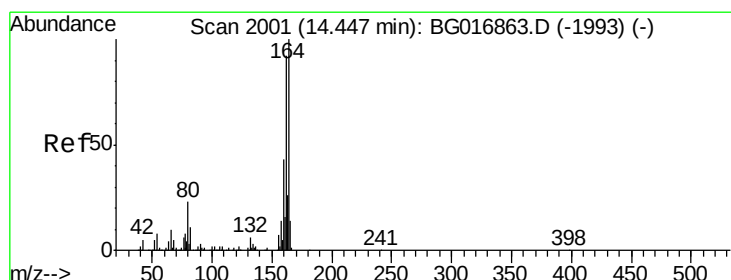
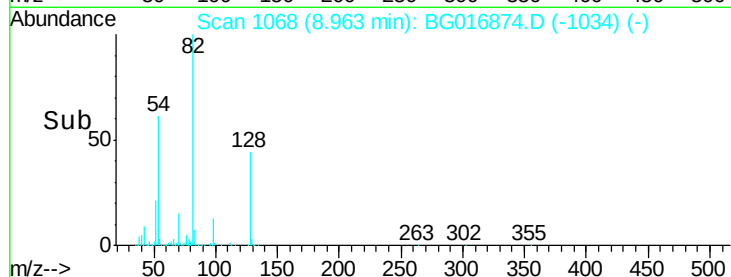
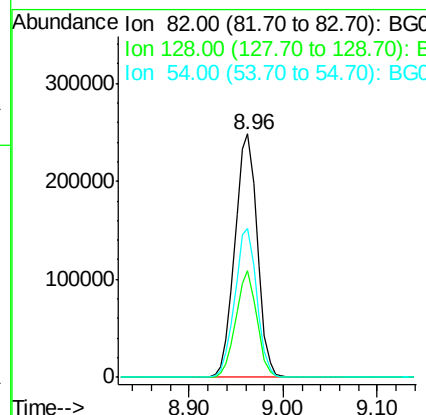
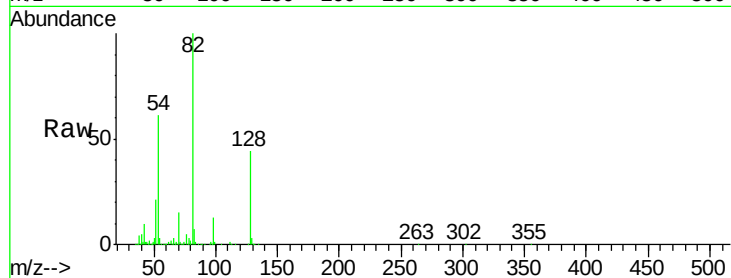




#23
Nitrobenzene-d5
Concen: 80.11 ng
RT: 8.96 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BG016874.D
Acq: 5 May 2015 20:15

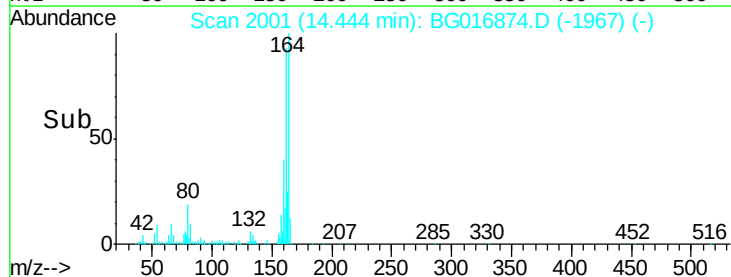
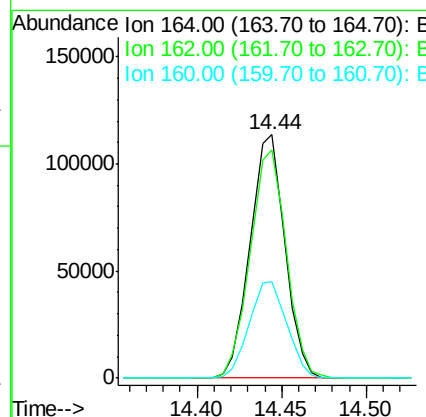
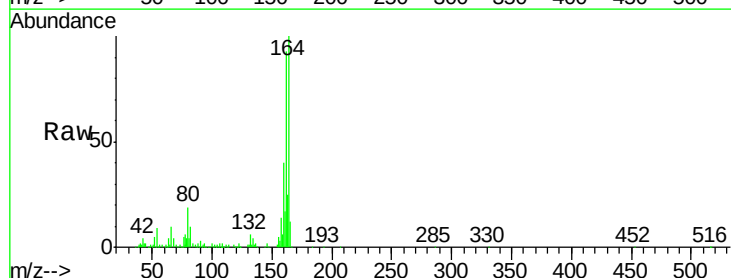
Instrument :
BNA_G
ClientSampleId :
PB83180BL

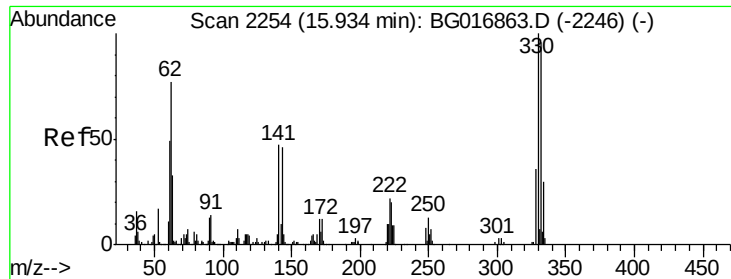
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.2	49.8
54	61.2	48.6	72.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.44 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG016874.D
Acq: 5 May 2015 20:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.5	74.0	111.0
160	39.8	34.7	52.1

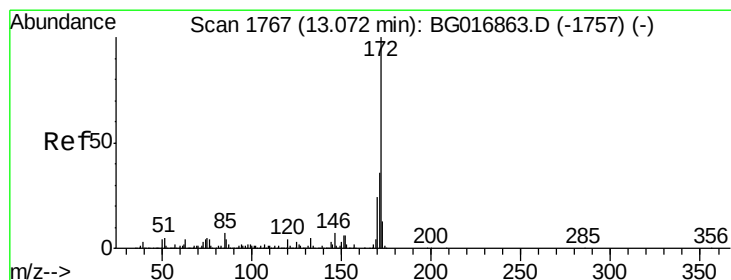
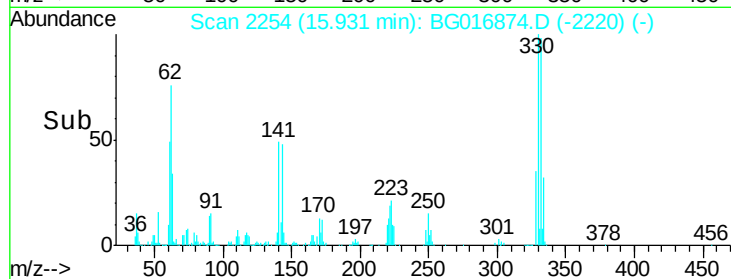
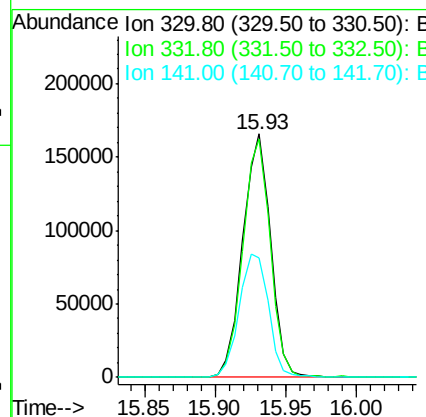
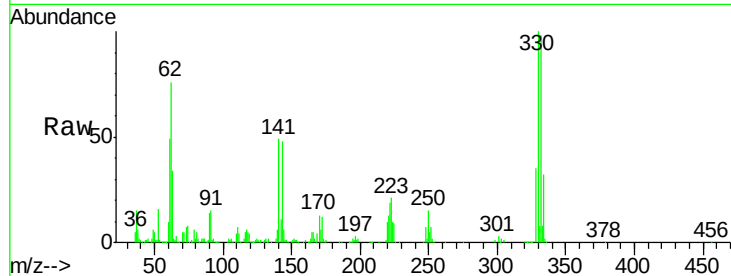




#41
 2,4,6-Tribromophenol
 Concen: 139.74 ng
 RT: 15.93 min Scan# 2254
 Delta R.T. -0.00 min
 Lab File: BG016874.D
 Acq: 5 May 2015 20:15

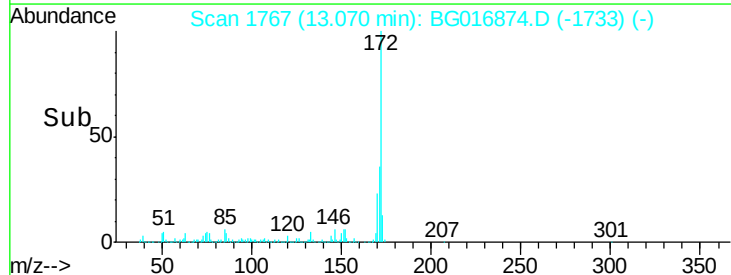
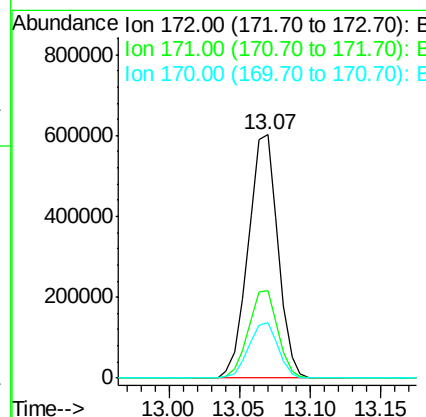
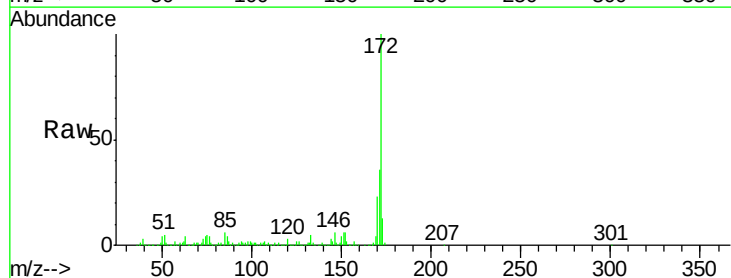
Instrument :
 BNA_G
 ClientSampleId :
 PB83180BL

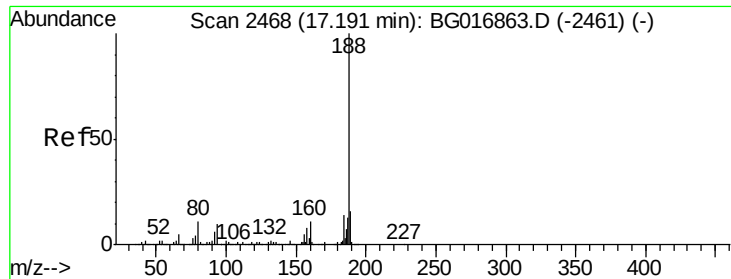
Tot Ion:330 Resp: 229600
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 53.0 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 81.79 ng
 RT: 13.07 min Scan# 1767
 Delta R.T. -0.00 min
 Lab File: BG016874.D
 Acq: 5 May 2015 20:15

Tgt Ion:172 Resp: 887111
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.4
 170 23.0 19.0 28.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.19 min Scan# 2468

Delta R.T. -0.00 min

Lab File: BG016874.D

Acq: 5 May 2015 20:15

Instrument :

BNA_G

ClientSampleId :

PB83180BL

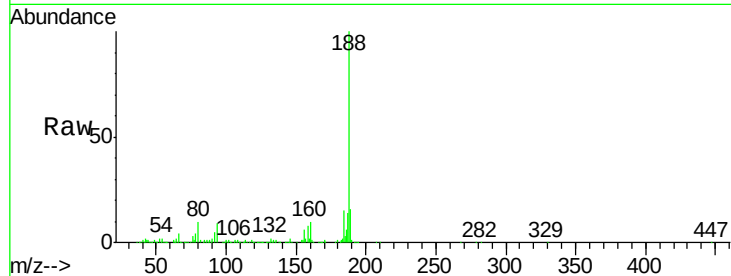
Tot Ion:188 Resp: 389783

Ion Ratio Lower Upper

188 100

94 9.2 8.2 12.4

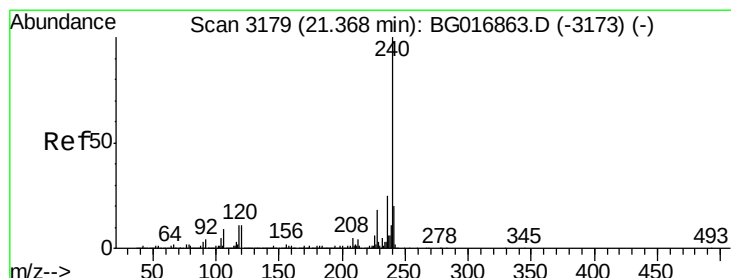
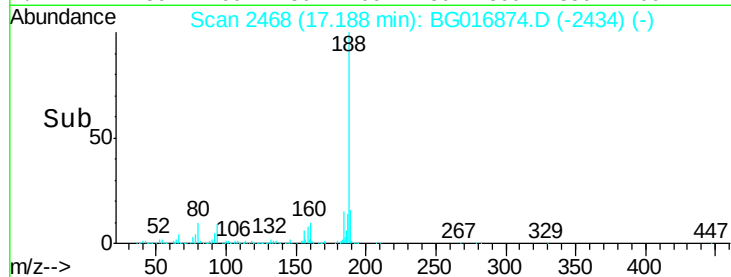
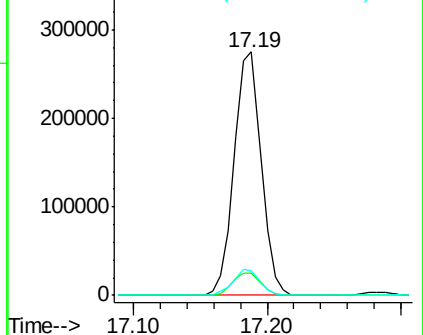
80 10.4 8.8 13.2



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.37 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BG016874.D

Acq: 5 May 2015 20:15

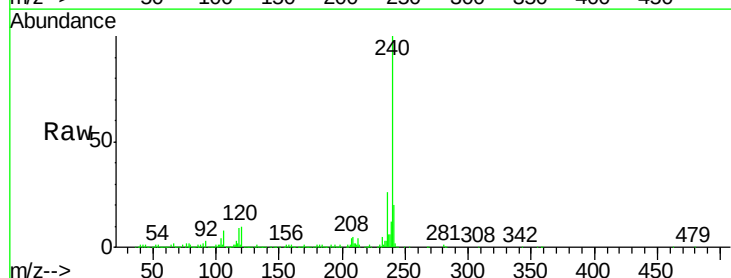
Tgt Ion:240 Resp: 422375

Ion Ratio Lower Upper

240 100

120 10.2 9.1 13.7

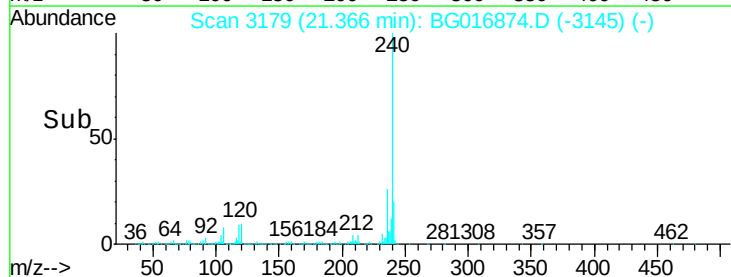
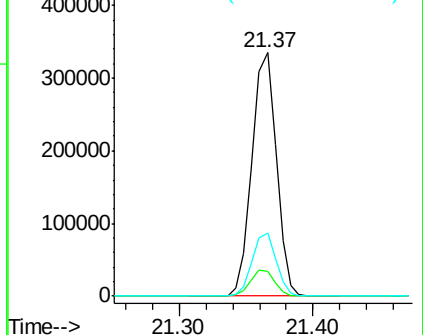
236 25.9 20.2 30.4

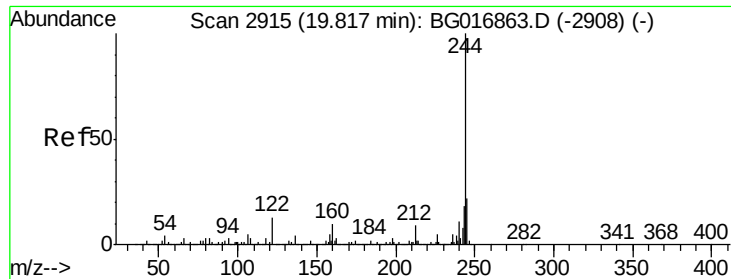


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.64 ng

RT: 19.81 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG016874.D

Acq: 5 May 2015 20:15

Instrument :

BNA_G

ClientSampleId :

PB83180BL

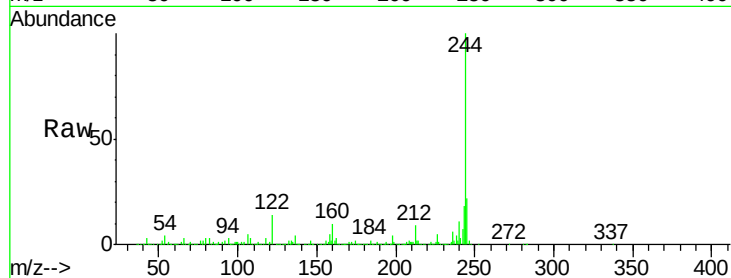
Tot Ion:244 Resp: 1525057

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	13.7	10.4	15.6

244 100

212 9.1 7.0 10.6

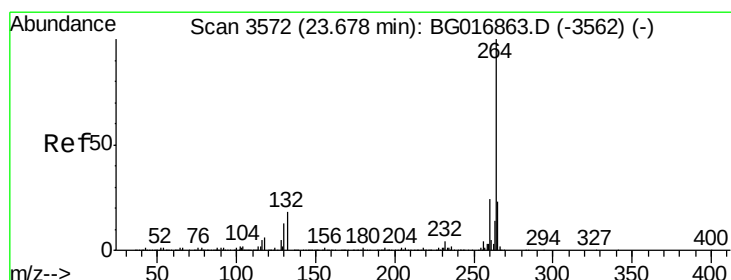
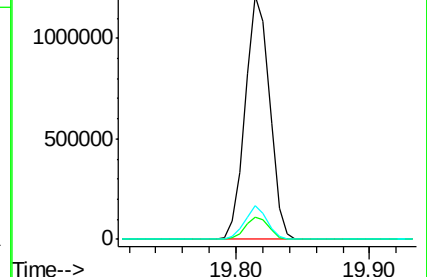
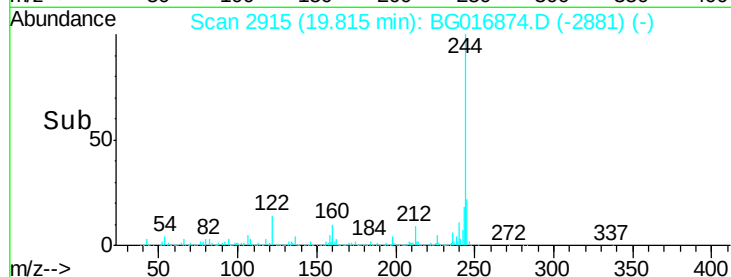
122 13.7 10.4 15.6



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: 23.67 min Scan# 3571

Delta R.T. -0.01 min

Lab File: BG016874.D

Acq: 5 May 2015 20:15

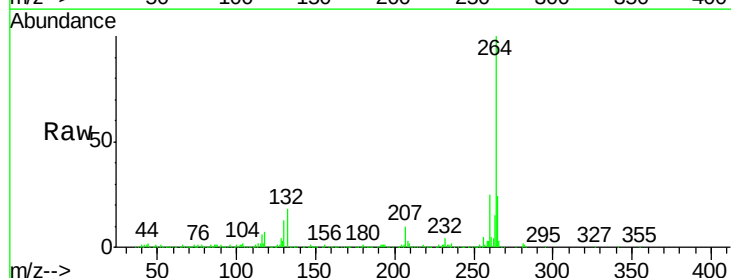
Tgt Ion:264 Resp: 402868

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	24.3	18.5	27.7

264 100

260 24.6 19.5 29.3

265 24.3 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

