

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
 Data File : BG016791.D
 Acq On : 29 Apr 2015 9:05
 Operator : TP/IZ
 Sample : G1999-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 29 17:05:50 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 19:19:11 2015
 Response via : Initial Calibration

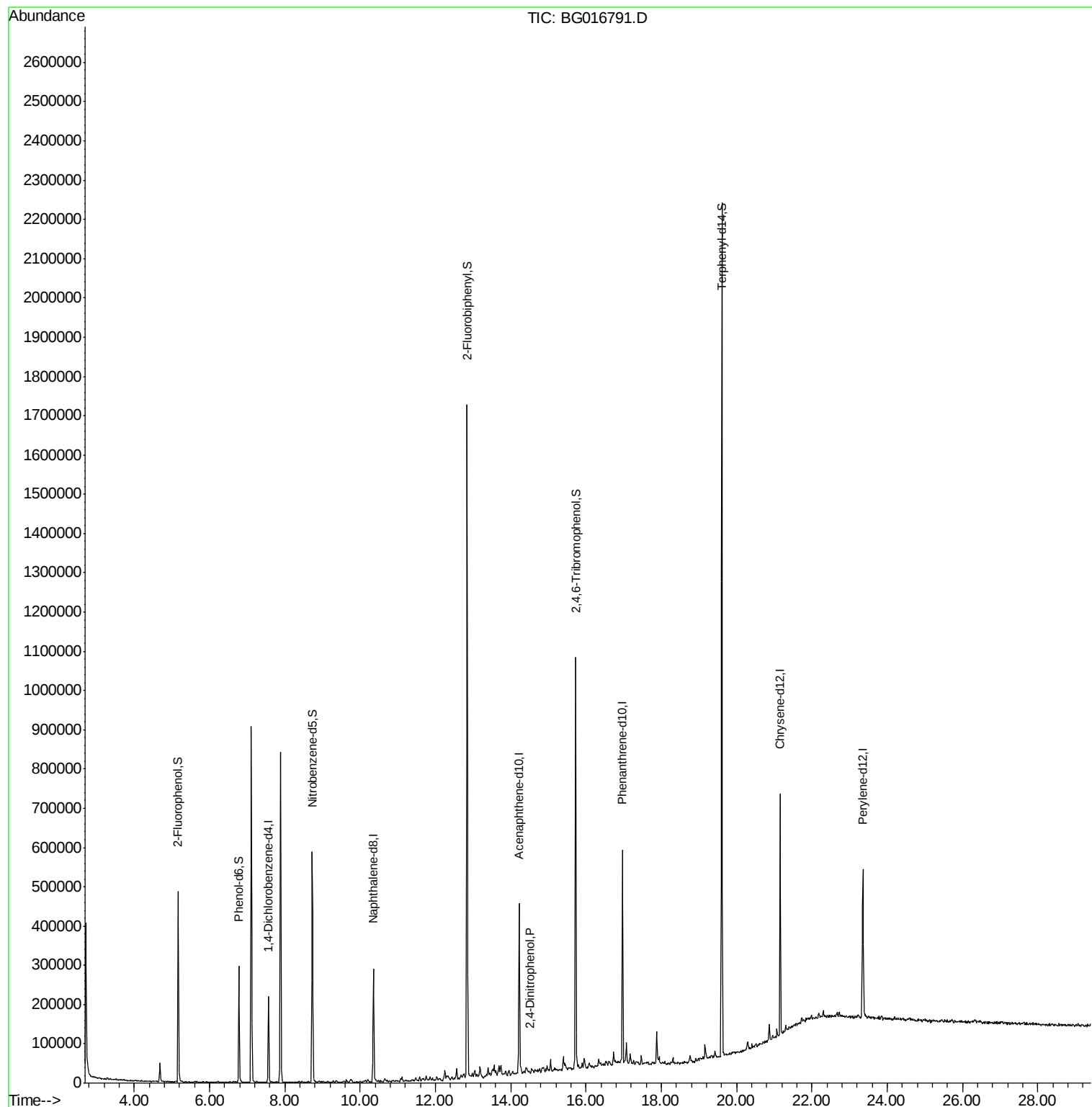
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	64156	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	260677	20.00	ng	-0.04
38) Acenaphthene-d10	14.23	164	147611	20.00	ng	-0.02
63) Phenanthrene-d10	16.97	188	284994	20.00	ng	-0.02
75) Chrysene-d12	21.16	240	248723	20.00	ng	-0.02
86) Perylene-d12	23.36	264	227878	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	254470	64.36	ng	-0.02
7) Phenol-d6	6.78	99	211648	38.16	ng	-0.02
23) Nitrobenzene-d5	8.73	82	360597	87.41	ng	-0.04
41) 2,4,6-Tribromophenol	15.72	330	149894	136.88	ng	-0.02
44) 2-Fluorobiphenyl	12.84	172	861147	93.73	ng	-0.03
78) Terphenyl-d14	19.61	244	853002	79.00	ng	-0.02
Target Compounds						
53) 2,4-Dinitrophenol	14.52	184	171	7.71	ng	Qvalue # 36

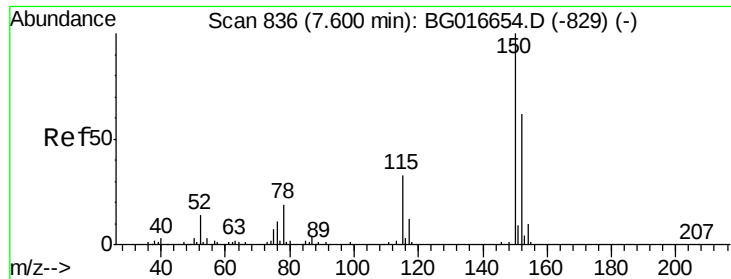
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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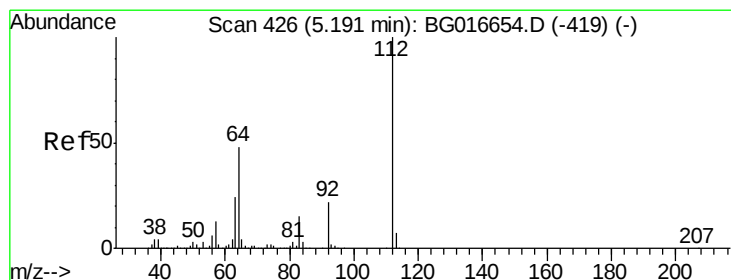
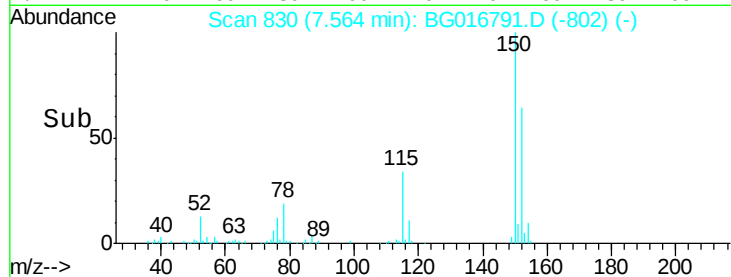
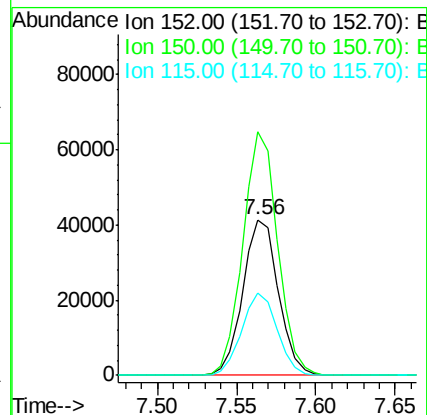
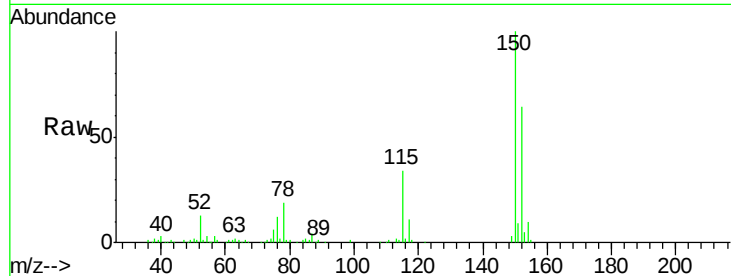


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 830
Delta R.T. -0.04 min
Lab File: BG016791.D
Acq: 29 Apr 2015 9:05

Instrument :
BNA_G
ClientSampleId :

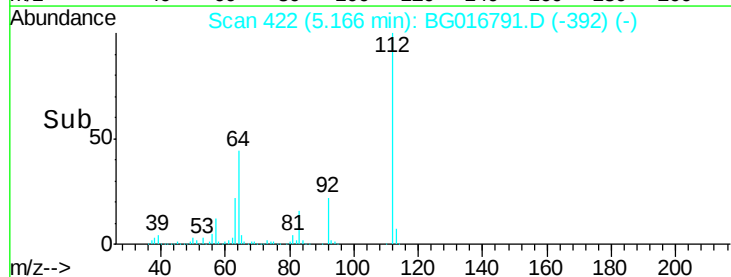
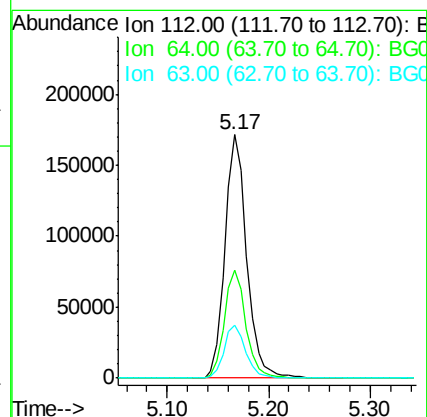
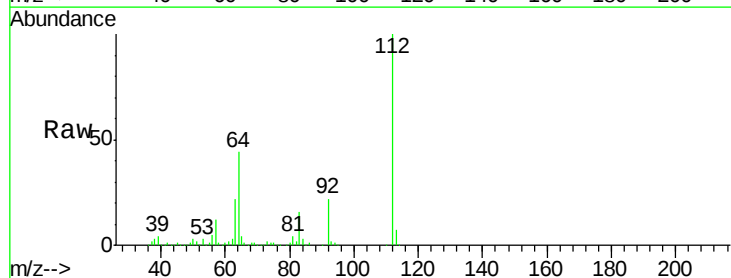
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	129.6	194.4
115	52.6	43.0	64.6

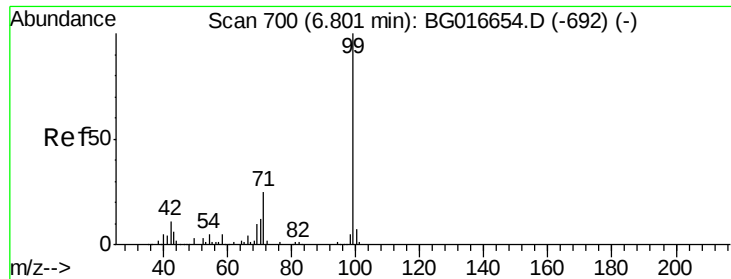


#5

2-Fluorophenol
Concen: 64.36 ng
RT: 5.17 min Scan# 422
Delta R.T. -0.02 min
Lab File: BG016791.D
Acq: 29 Apr 2015 9:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.5	38.3	57.5
63	21.8	18.9	28.3





#7

Phenol-d6

Concen: 38.16 ng

RT: 6.78 min Scan# 696

Delta R.T. -0.02 min

Lab File: BG016791.D

Acq: 29 Apr 2015 9:05

Instrument :

BNA_G

ClientSampleId :

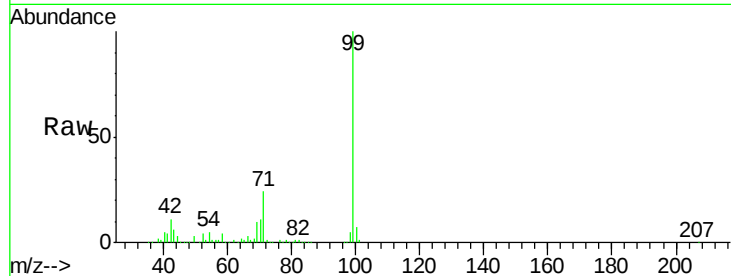
Tot Ion: 99 Resp: 211648

Ion Ratio Lower Upper

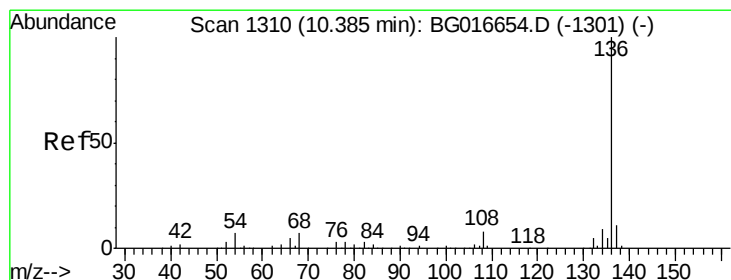
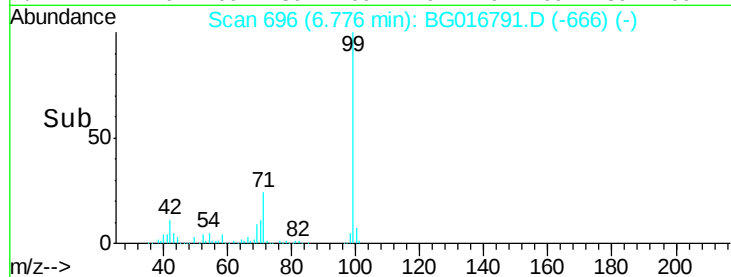
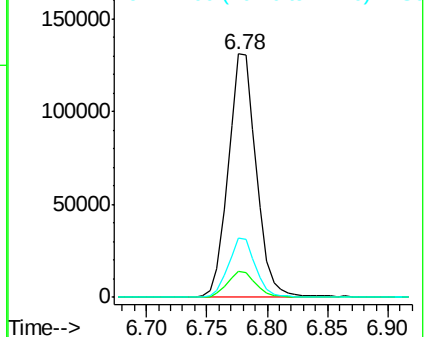
99 100

42 10.7 8.8 13.2

71 24.4 19.9 29.9



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: 10.35 min Scan# 1304

Delta R.T. -0.04 min

Lab File: BG016791.D

Acq: 29 Apr 2015 9:05

Tgt Ion: 136 Resp: 260677

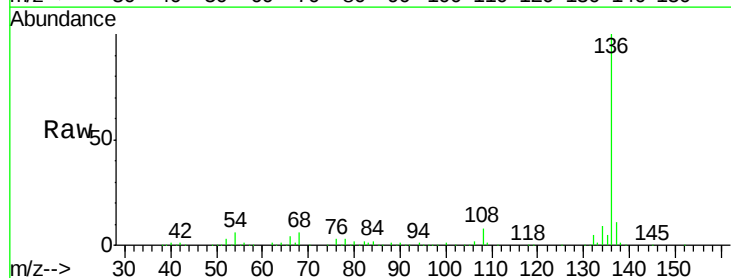
Ion Ratio Lower Upper

136 100

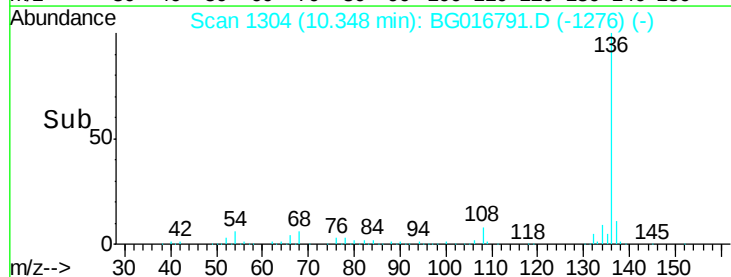
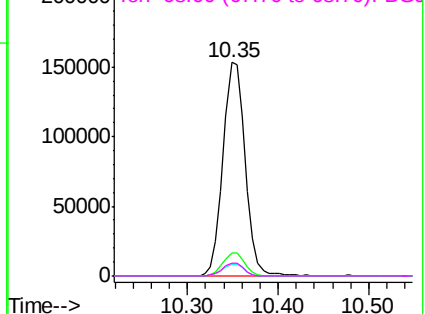
137 11.1 8.5 12.7

54 5.7 5.4 8.2

68 5.8 5.2 7.8



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

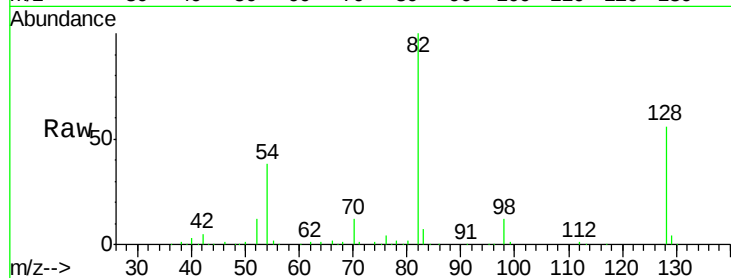




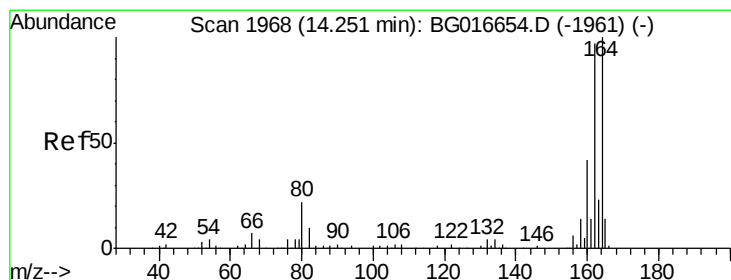
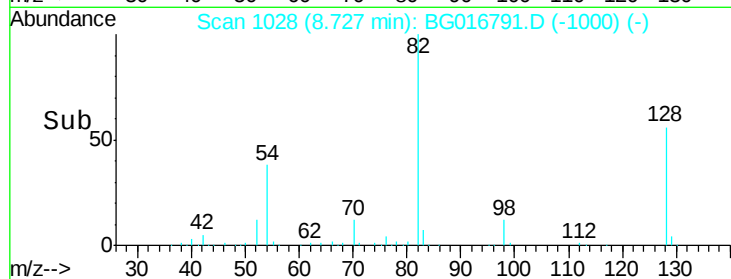
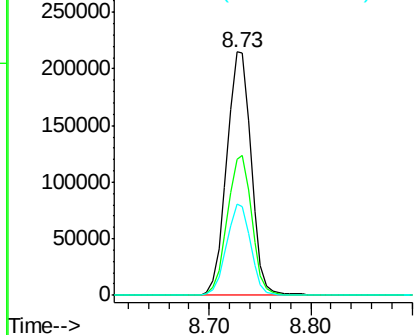
#23
 Nitrobenzene-d5
 Concen: 87.41 ng
 RT: 8.73 min Scan# 1028
 Delta R.T. -0.04 min
 Lab File: BG016791.D
 Acq: 29 Apr 2015 9:05

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	360597
Ion Ratio	100	Lower	Upper
128	55.7	44.7	67.1
54	37.8	30.9	46.3

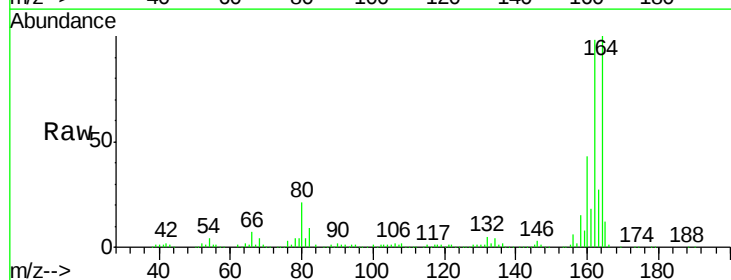


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

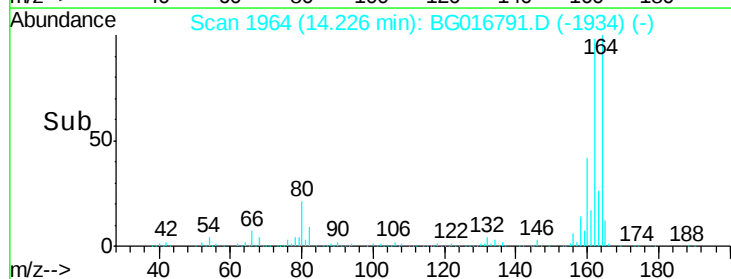
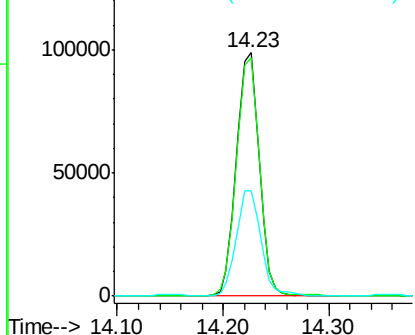


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.23 min Scan# 1964
 Delta R.T. -0.02 min
 Lab File: BG016791.D
 Acq: 29 Apr 2015 9:05

Tgt Ion	164	Resp	147611
Ion Ratio	100	Lower	Upper
162	97.9	77.3	115.9
160	43.2	33.7	50.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

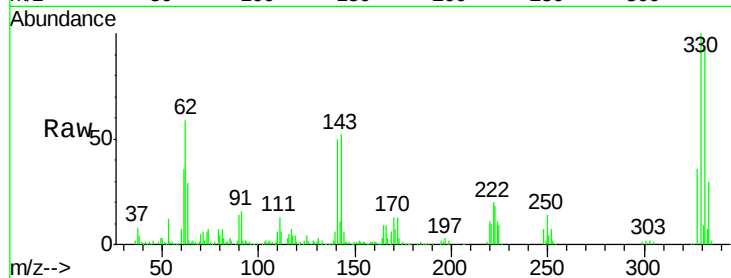




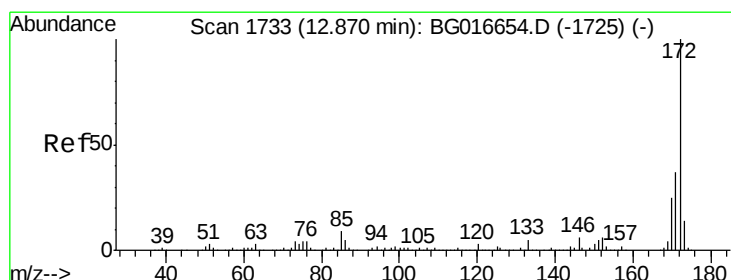
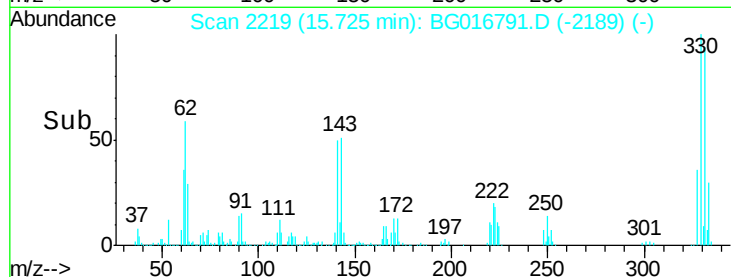
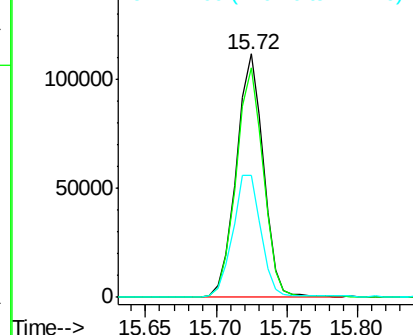
#41
 2,4,6-Tribromophenol
 Concen: 136.88 ng
 RT: 15.72 min Scan# 2219
 Delta R.T. -0.02 min
 Lab File: BG016791.D
 Acq: 29 Apr 2015 9:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.2	114.4
141	51.9	43.0	64.6

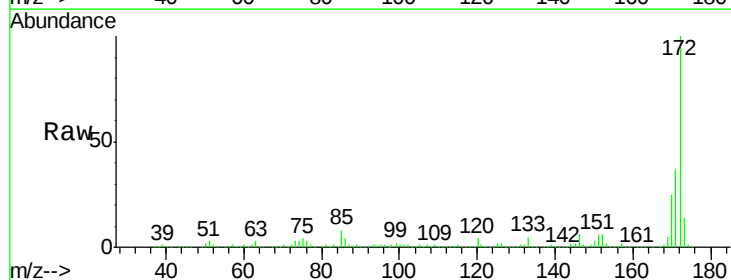


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

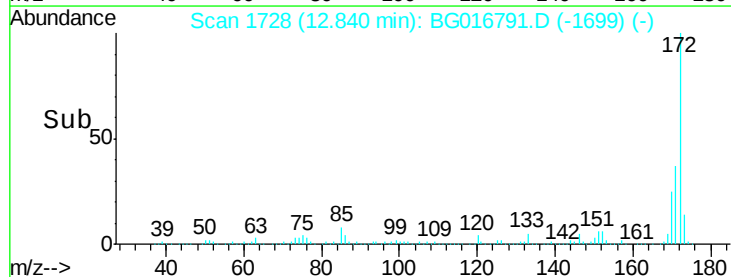
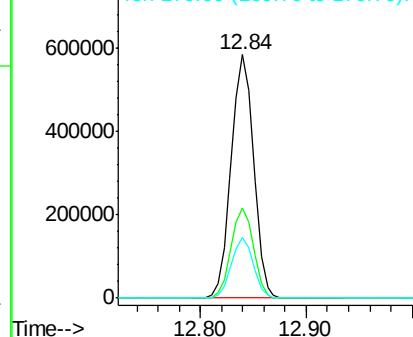


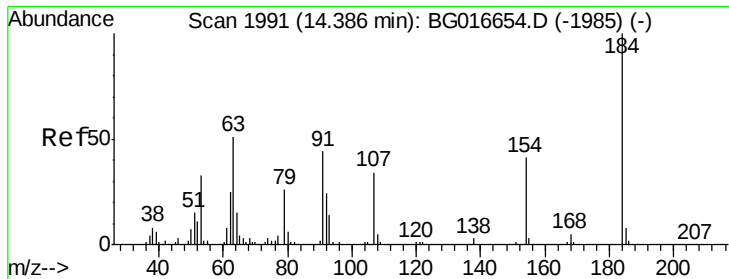
#44
 2-Fluorobiphenyl
 Concen: 93.73 ng
 RT: 12.84 min Scan# 1728
 Delta R.T. -0.03 min
 Lab File: BG016791.D
 Acq: 29 Apr 2015 9:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.9	44.9
170	25.0	19.8	29.8



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

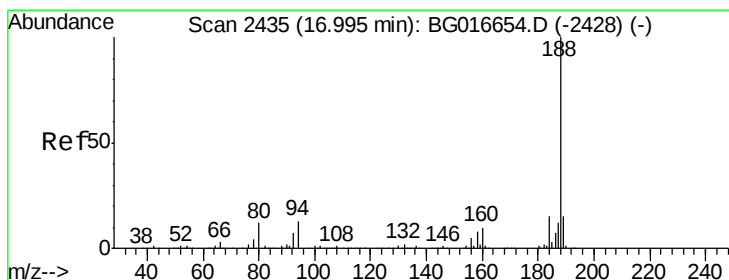
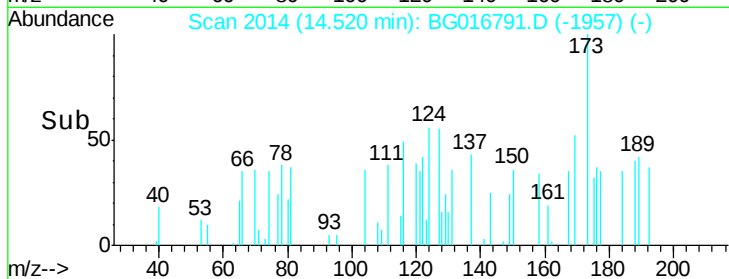
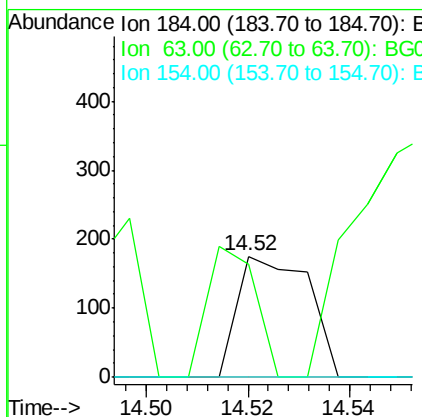
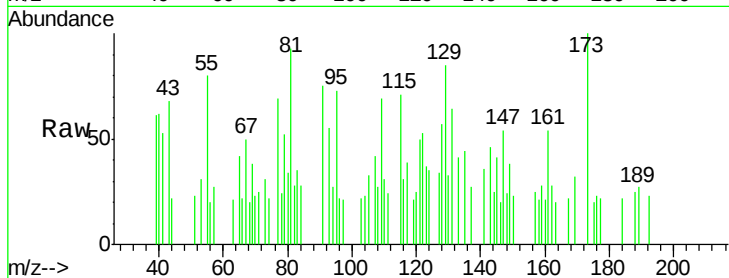




#53
 2,4-Dinitrophenol
 Concen: 7.71 ng
 RT: 14.52 min Scan# 2014
 Delta R.T. 0.13 min
 Lab File: BG016791.D
 Acq: 29 Apr 2015 9:05

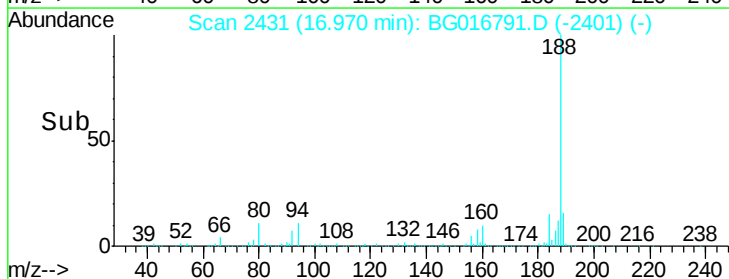
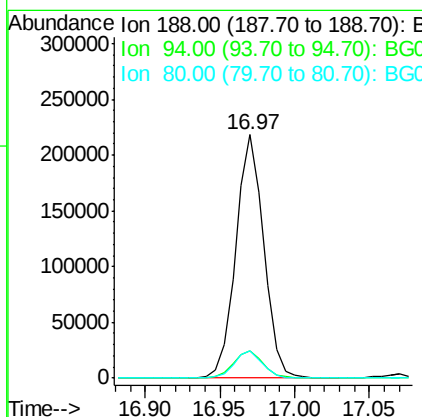
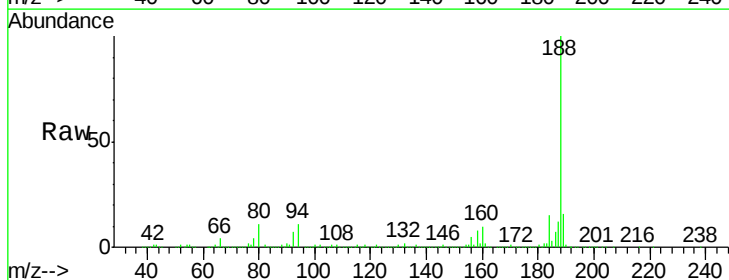
Instrument :
 BNA_G
 ClientSampled :

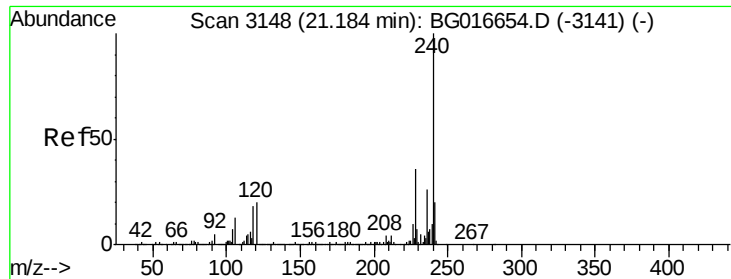
Tot Ion:184 Resp: 171
 Ion Ratio Lower Upper
 184 100
 63 93.7 40.7 61.1#
 154 0.0 34.1 51.1#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 16.97 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BG016791.D
 Acq: 29 Apr 2015 9:05

Tgt Ion:188 Resp: 284994
 Ion Ratio Lower Upper
 188 100
 94 11.2 10.7 16.1
 80 11.3 9.9 14.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG016791.D

Acq: 29 Apr 2015 9:05

Instrument :

BNA_G

ClientSampleId :

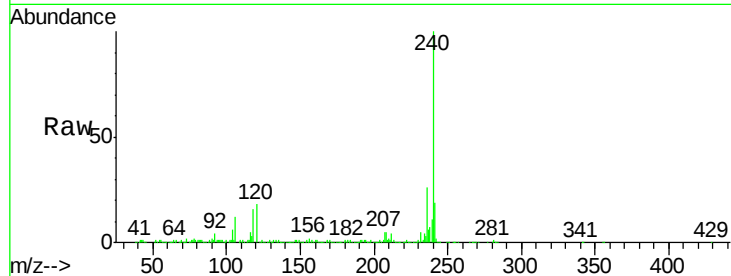
Tot Ion:240 Resp: 248723

Ion Ratio Lower Upper

240 100

120 18.3 16.3 24.5

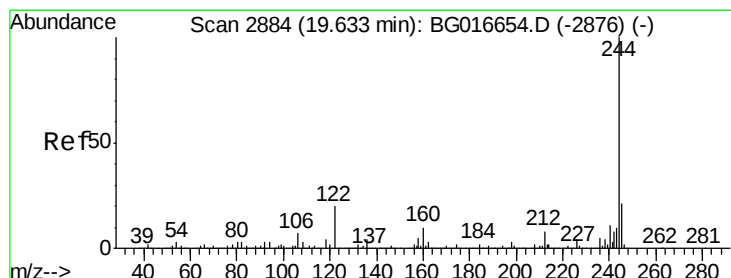
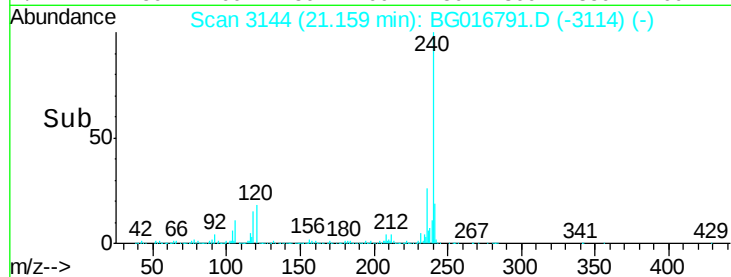
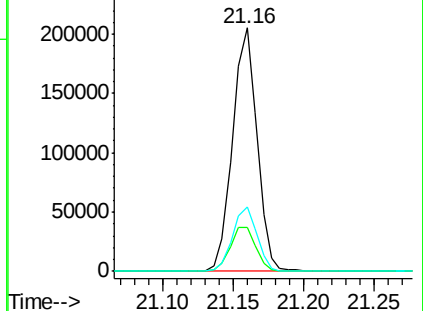
236 26.2 21.1 31.7



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



#78

Terphenyl-d14

Concen: 79.00 ng

RT: 19.61 min Scan# 2880

Delta R.T. -0.02 min

Lab File: BG016791.D

Acq: 29 Apr 2015 9:05

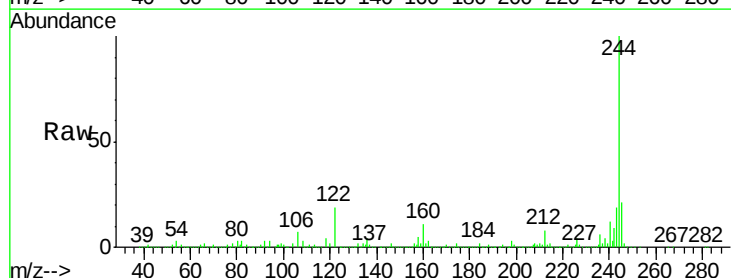
Tgt Ion:244 Resp: 853002

Ion Ratio Lower Upper

244 100

212 8.3 6.4 9.6

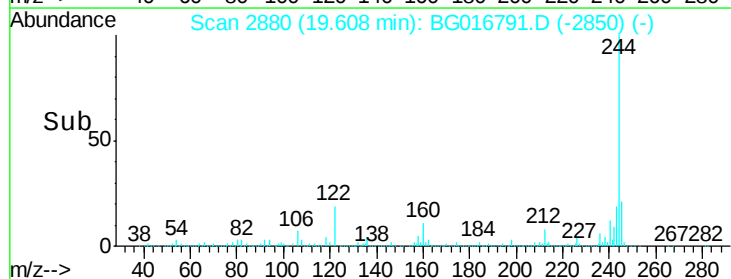
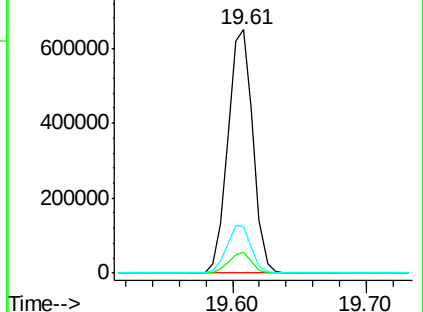
122 19.3 15.9 23.9

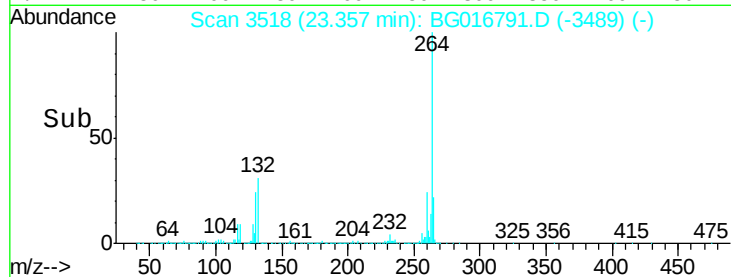
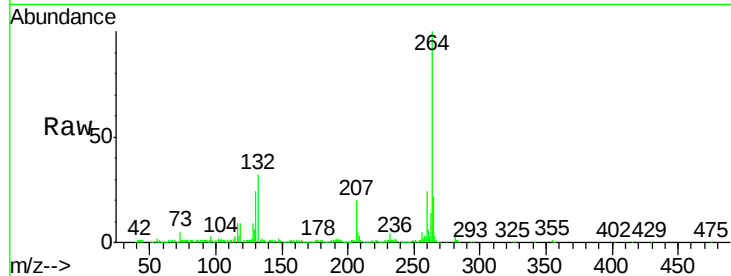
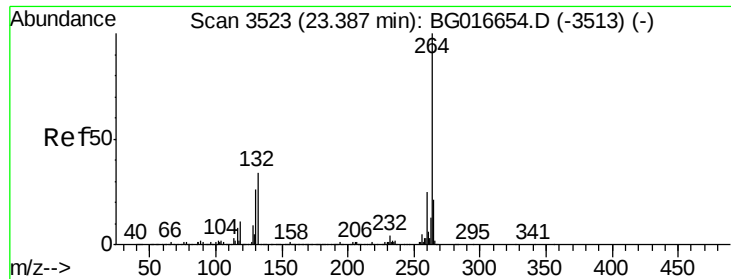


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.36 min Scan# 3518
Delta R.T. -0.03 min
Lab File: BG016791.D
Acq: 29 Apr 2015 9:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.0	30.0
265	22.3	16.8	25.2

