

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042415\
 Data File : BG016700.D
 Acq On : 25 Apr 2015 2:22
 Operator : TP/IZ
 Sample : G1992-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEC05

Quant Time: Apr 25 03:41:30 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 22:57:52 2015
 Response via : Initial Calibration

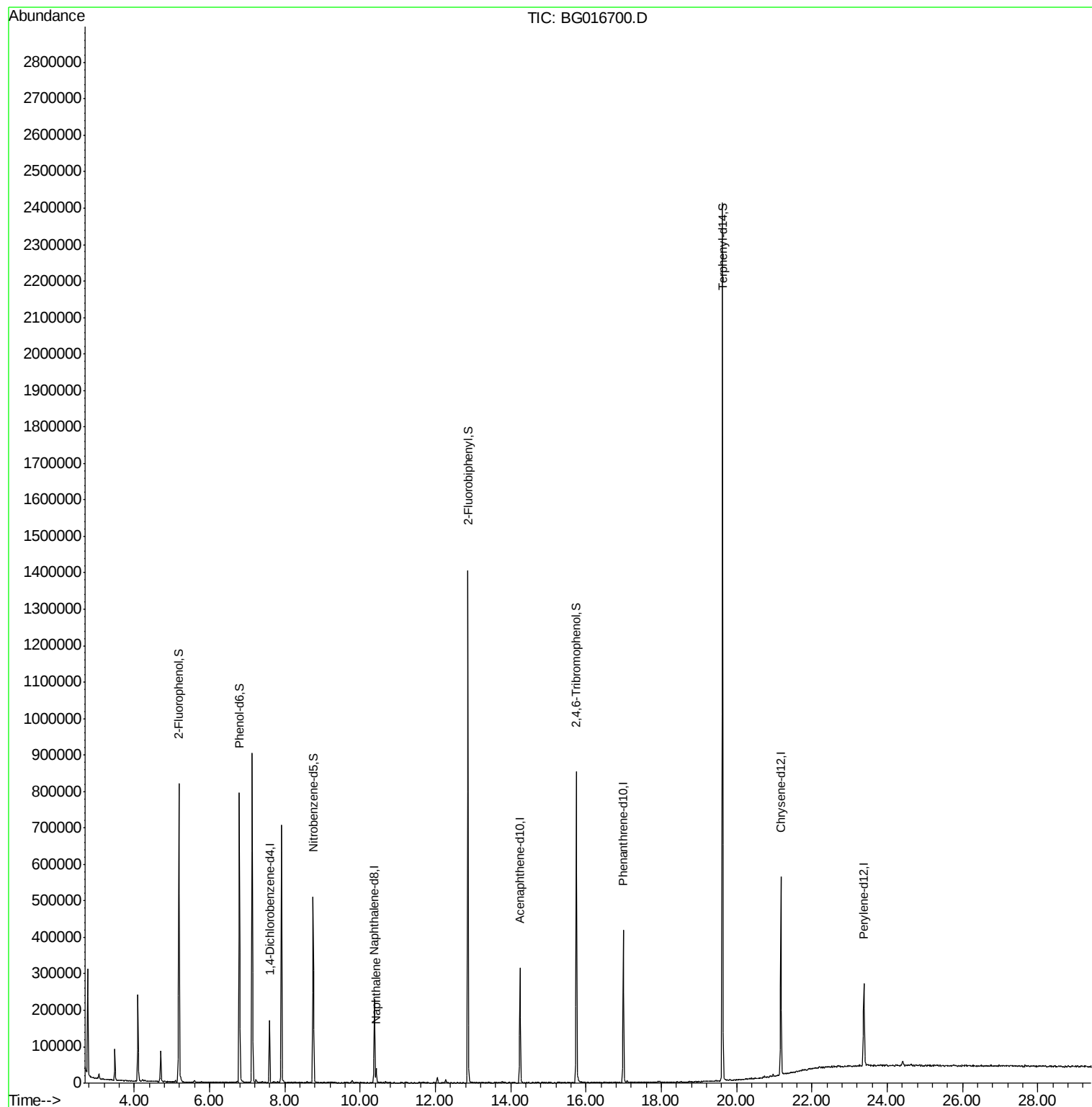
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	48359	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	195272	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	104185	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	234422	20.00	ng	0.00
75) Chrysene-d12	21.18	240	228065	20.00	ng	0.00
86) Perylene-d12	23.38	264	131601	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	406743	136.49	ng	0.00
7) Phenol-d6	6.80	99	512842	122.67	ng	0.00
23) Nitrobenzene-d5	8.75	82	299633	96.96	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	128472	166.22	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	697870	107.62	ng	0.00
78) Terphenyl-d14	19.63	244	896103	90.51	ng	0.00
Target Compounds						
31) Naphthalene	10.43	128	33805	3.28	ng	Qvalue 97

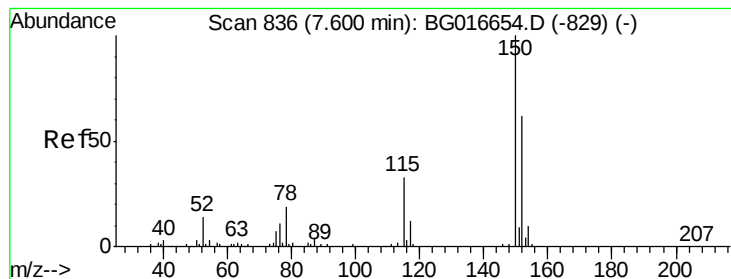
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.59 min Scan# 835

Delta R.T. 0.00 min

Lab File: BG016700.D

Acq: 25 Apr 2015 2:22

Instrument :

BNA_G

ClientSampleId :

TEC05

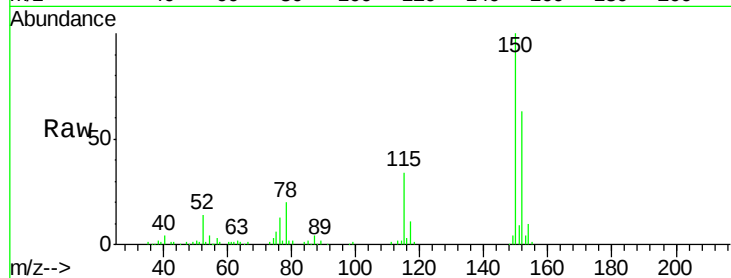
Tot Ion:152 Resp: 48359

Ion Ratio Lower Upper

152 100

150 157.7 129.6 194.4

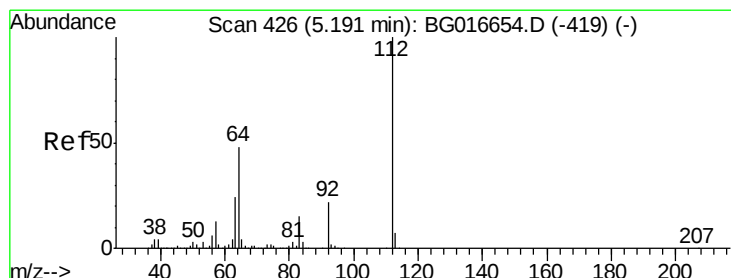
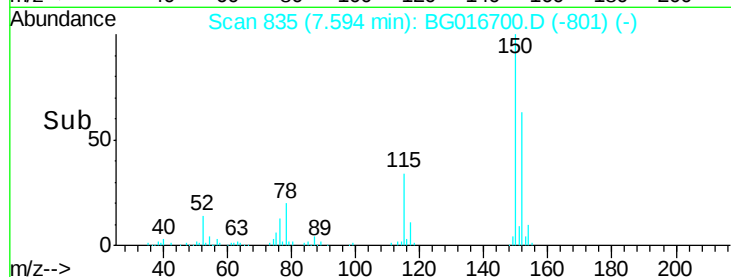
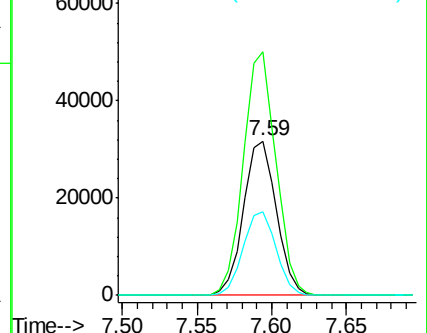
115 54.0 43.0 64.6



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: 136.49 ng

RT: 5.19 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG016700.D

Acq: 25 Apr 2015 2:22

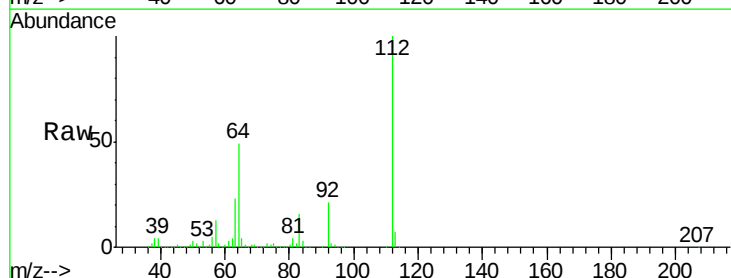
Tgt Ion:112 Resp: 406743

Ion Ratio Lower Upper

112 100

64 48.9 38.3 57.5

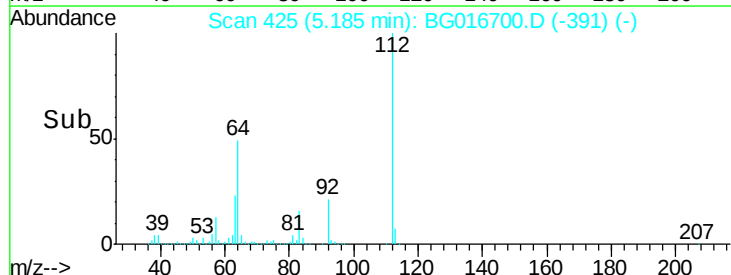
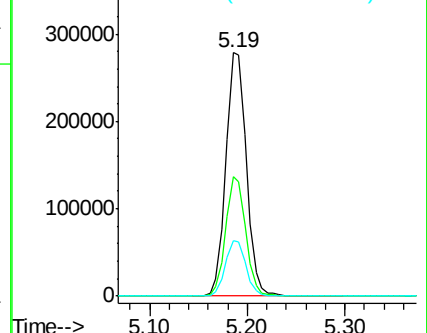
63 23.0 18.9 28.3

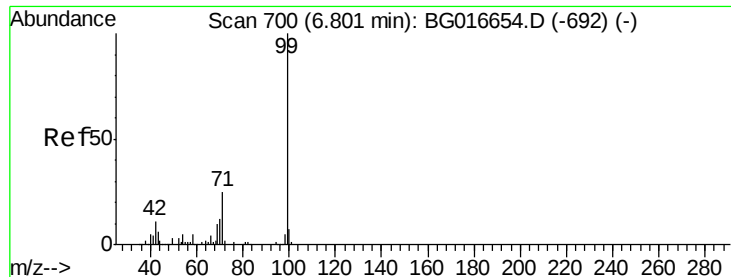


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 122.67 ng

RT: 6.80 min Scan# 699

Delta R.T. 0.01 min

Lab File: BG016700.D

Acq: 25 Apr 2015 2:22

Instrument :

BNA_G

ClientSampleId :

TEC05

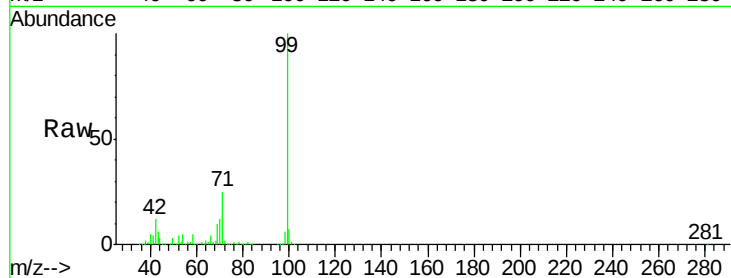
Tot Ion: 99 Resp: 512842

Ion Ratio Lower Upper

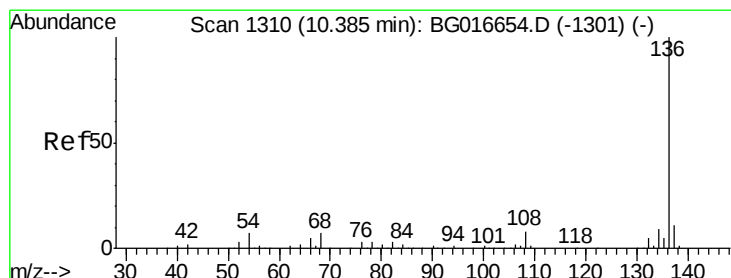
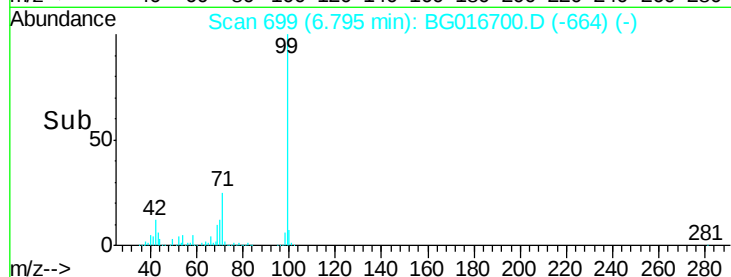
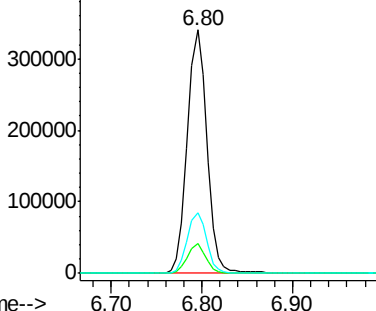
99 100

42 12.0 8.8 13.2

71 25.0 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: 10.38 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BG016700.D

Acq: 25 Apr 2015 2:22

Tgt Ion: 136 Resp: 195272

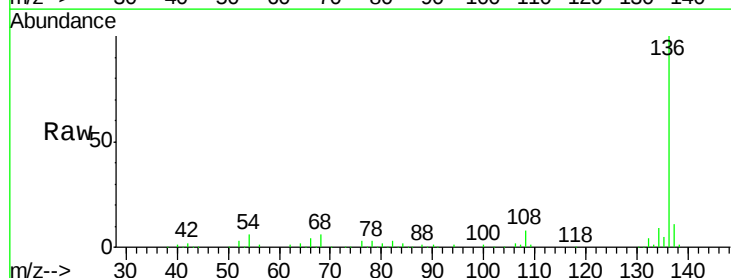
Ion Ratio Lower Upper

136 100

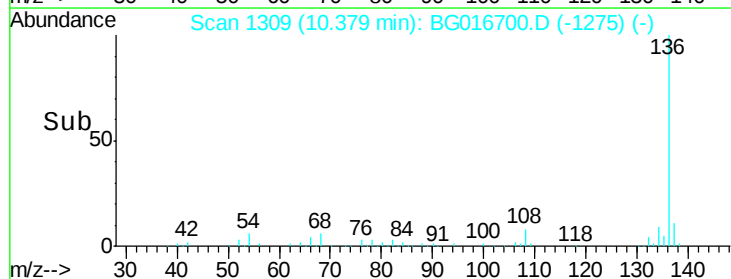
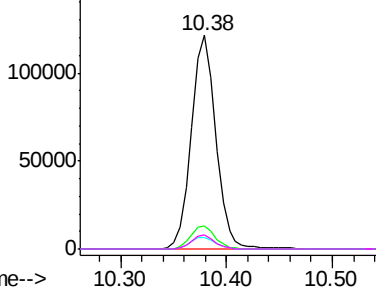
137 10.6 8.5 12.7

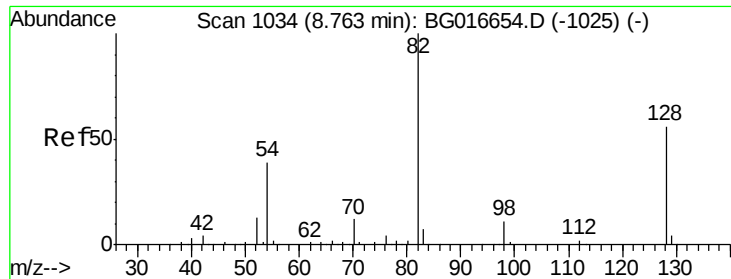
54 5.7 5.4 8.2

68 6.4 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

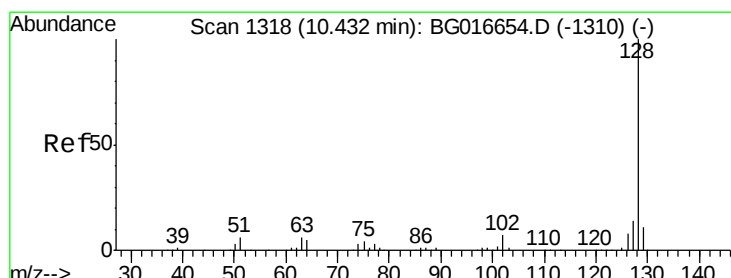
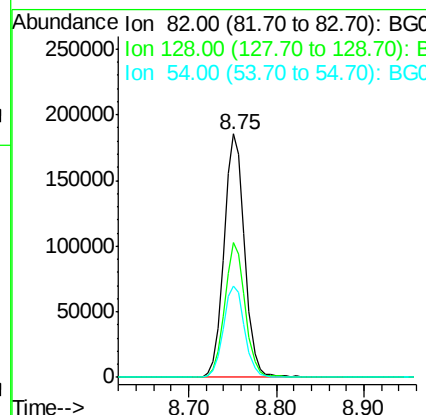
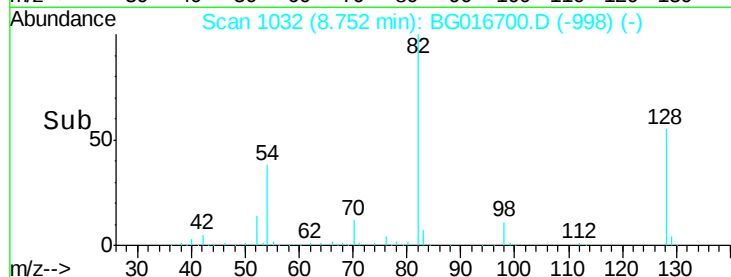
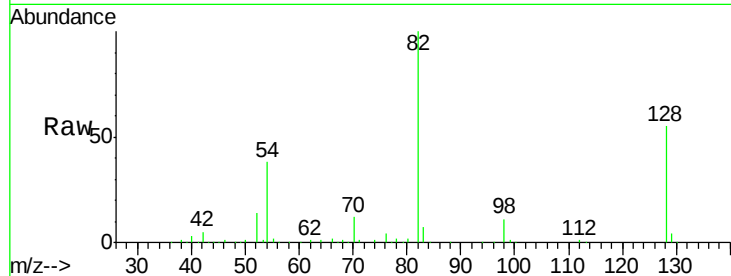




#23
Nitrobenzene-d5
Concen: 96.96 ng
RT: 8.75 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG016700.D
Acq: 25 Apr 2015 2:22

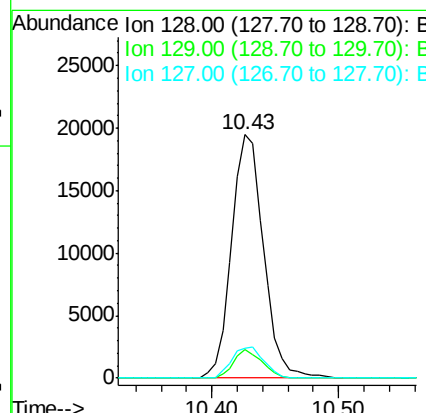
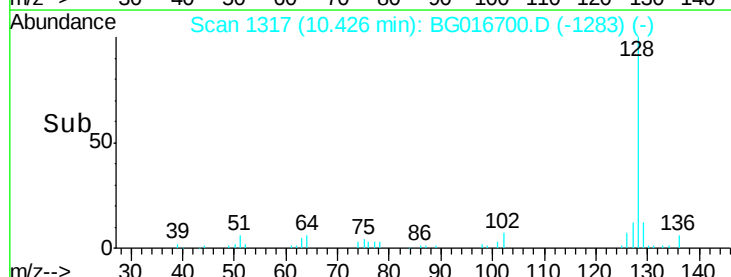
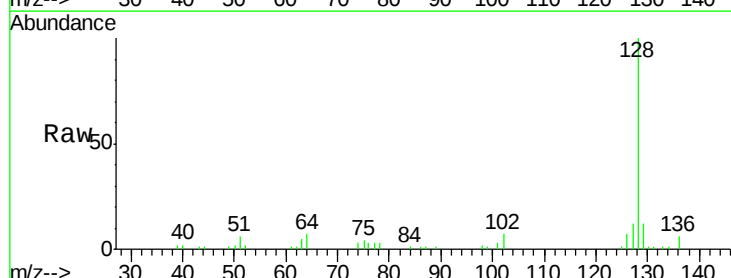
Instrument :
BNA_G
ClientSampled :
TEC05

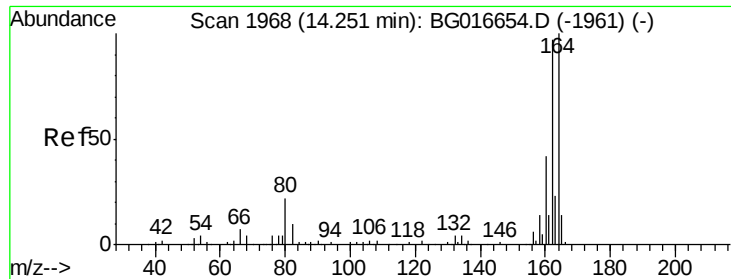
Tot Ion	82	Resp	299633
Ion Ratio	100	Lower	Upper
128	55.5	44.7	67.1
54	37.7	30.9	46.3



#31
Naphthalene
Concen: 3.28 ng
RT: 10.43 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG016700.D
Acq: 25 Apr 2015 2:22

Tgt Ion	128	Resp	33805
Ion Ratio	100	Lower	Upper
129	11.9	9.0	13.6
127	12.3	11.1	16.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.25 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG016700.D

Acq: 25 Apr 2015 2:22

Instrument :

BNA_G

ClientSampleId :

TEC05

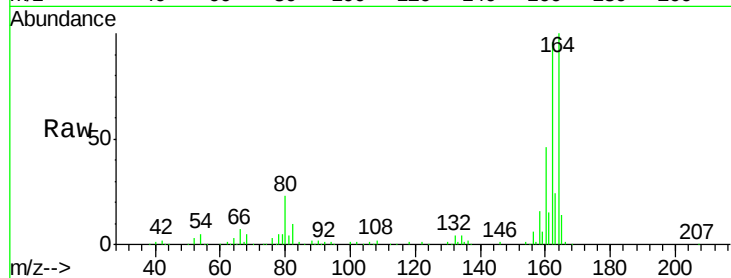
Tot Ion:164 Resp: 104185

Ion Ratio Lower Upper

164 100

162 96.4 77.3 115.9

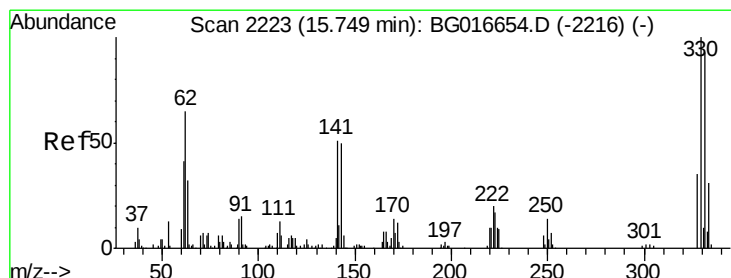
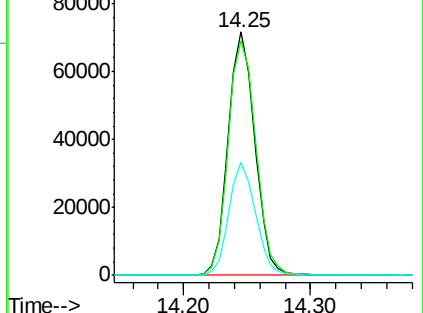
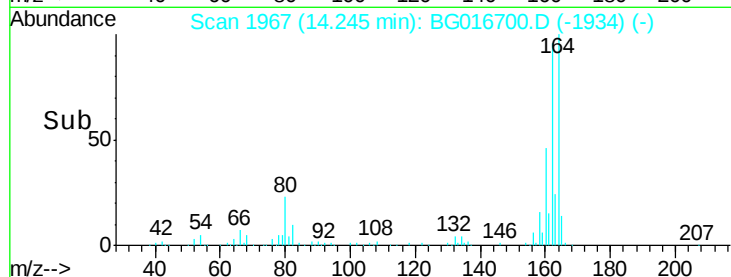
160 46.4 33.7 50.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 166.22 ng

RT: 15.74 min Scan# 2222

Delta R.T. 0.00 min

Lab File: BG016700.D

Acq: 25 Apr 2015 2:22

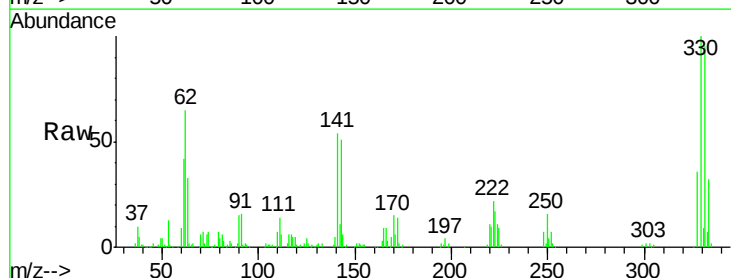
Tgt Ion:330 Resp: 128472

Ion Ratio Lower Upper

330 100

332 95.5 76.2 114.4

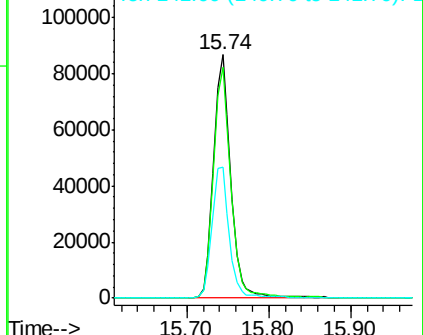
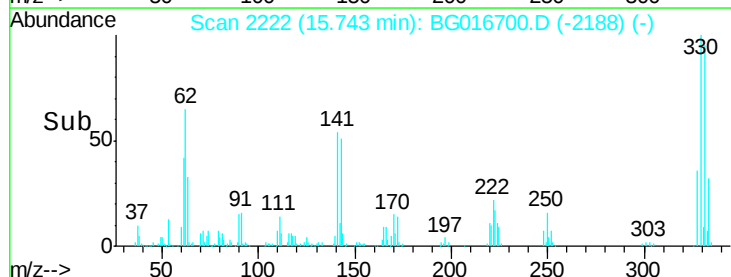
141 53.9 43.0 64.6

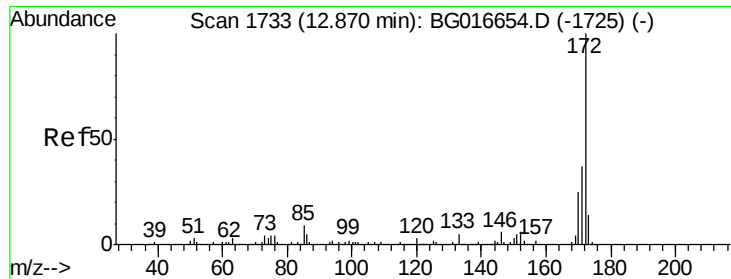


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

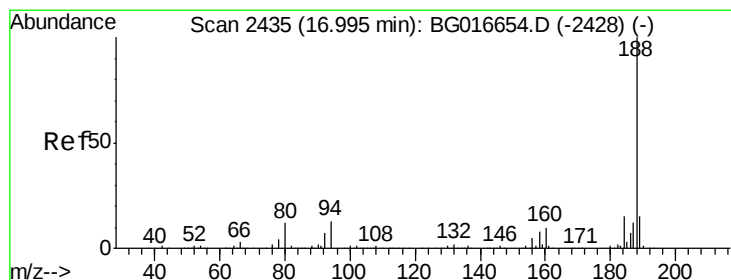
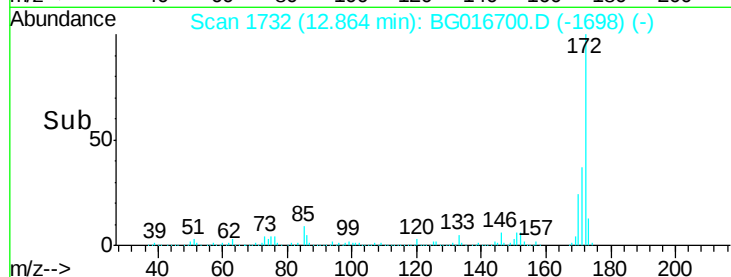
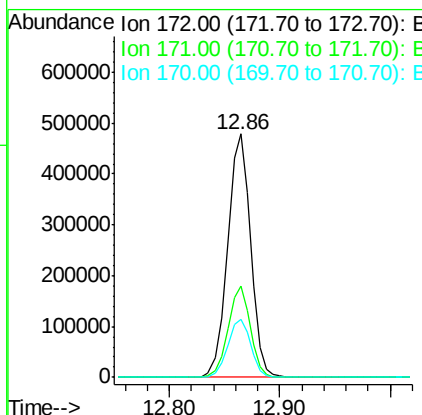
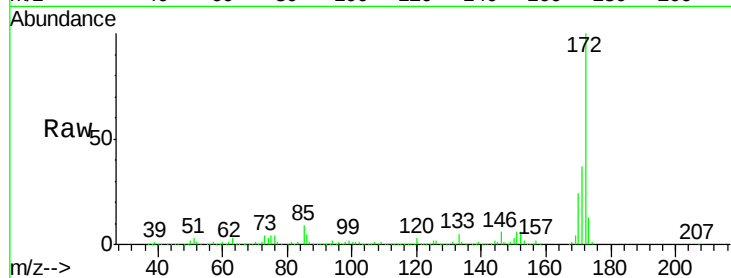




#44
 2-Fluorobiphenyl
 Concen: 107.62 ng
 RT: 12.86 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: BG016700.D
 Acq: 25 Apr 2015 2:22

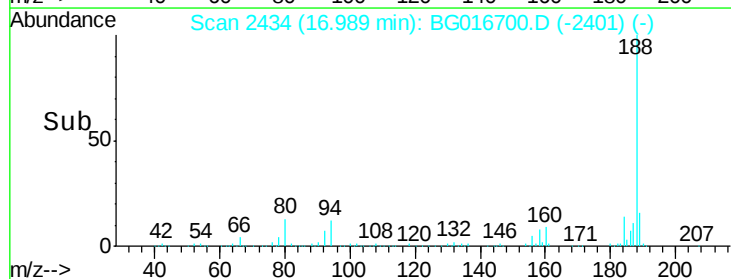
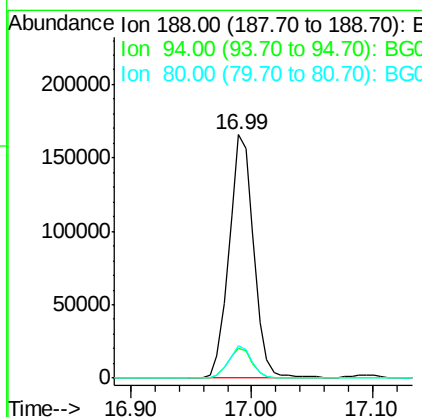
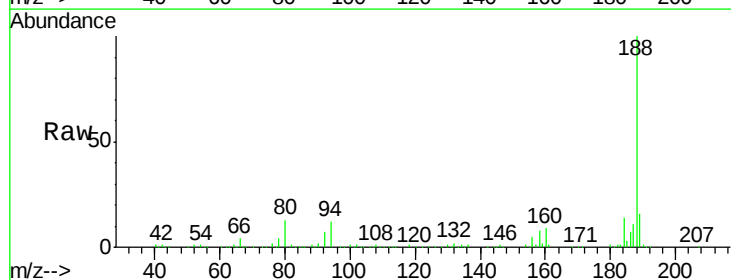
Instrument :
 BNA_G
 ClientSampleId :
 TEC05

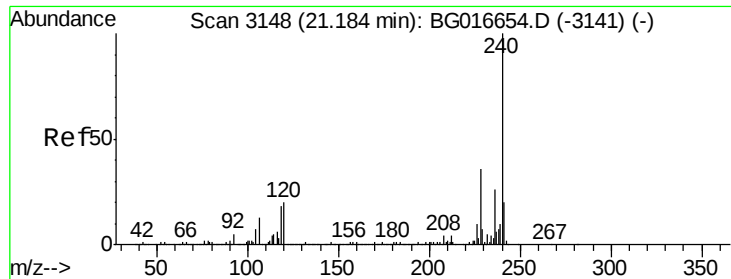
Tot Ion:172 Resp: 697870
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.9 44.9
 170 24.0 19.8 29.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 16.99 min Scan# 2434
 Delta R.T. -0.00 min
 Lab File: BG016700.D
 Acq: 25 Apr 2015 2:22

Tgt Ion:188 Resp: 234422
 Ion Ratio Lower Upper
 188 100
 94 12.5 10.7 16.1
 80 13.1 9.9 14.9

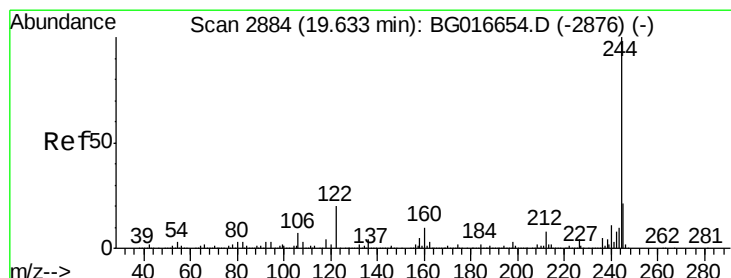
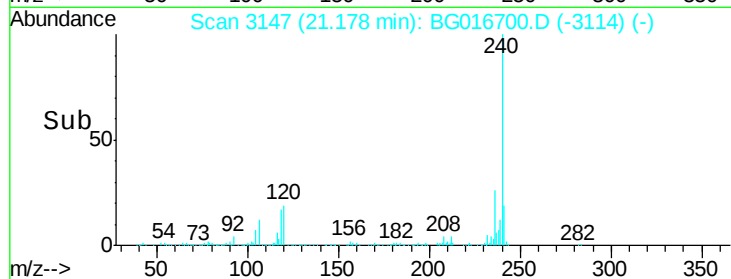
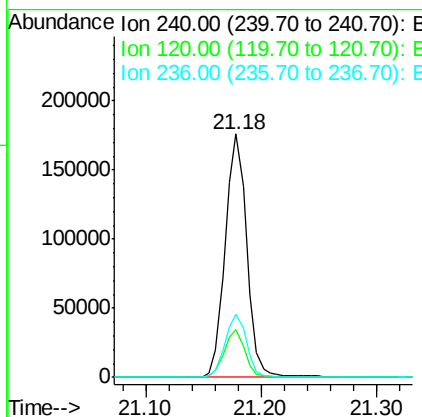
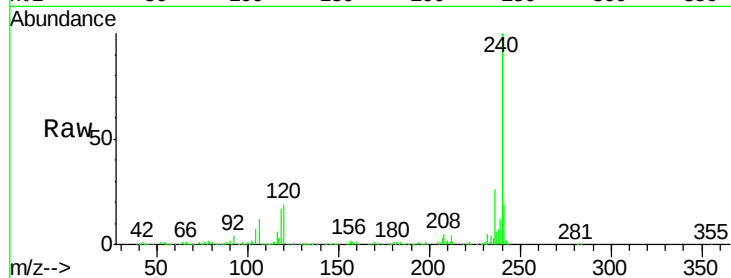




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.18 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG016700.D
Acq: 25 Apr 2015 2:22

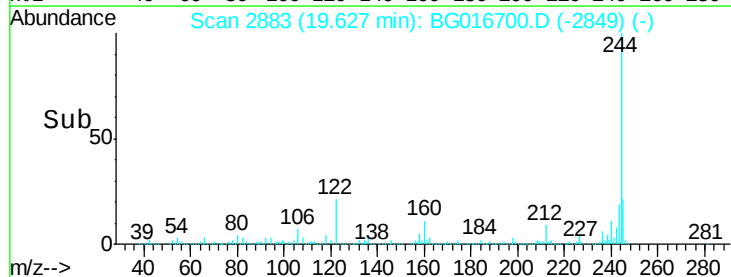
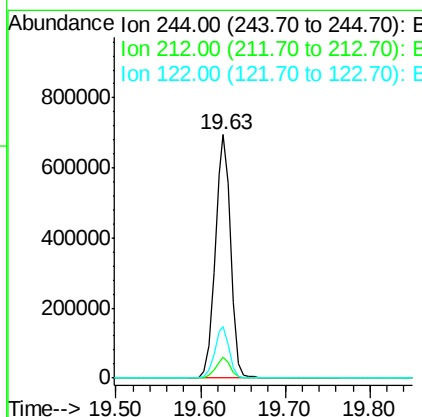
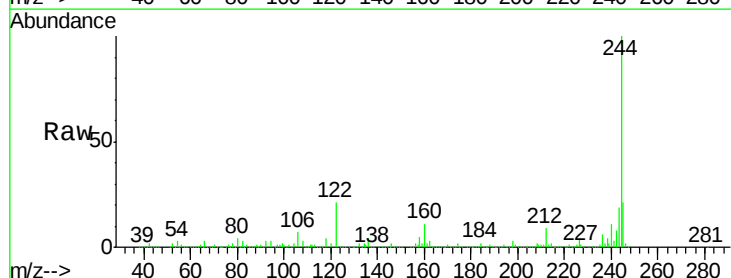
Instrument :
BNA_G
ClientSampleId :
TEC05

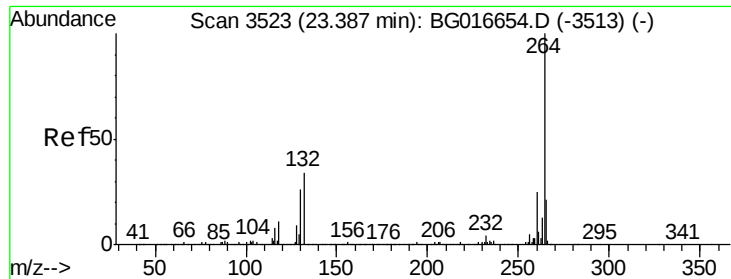
Tot Ion:240 Resp: 228065
Ion Ratio Lower Upper
240 100
120 19.5 16.3 24.5
236 26.1 21.1 31.7



#78
Terphenyl-d14
Concen: 90.51 ng
RT: 19.63 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BG016700.D
Acq: 25 Apr 2015 2:22

Tgt Ion:244 Resp: 896103
Ion Ratio Lower Upper
244 100
212 8.5 6.4 9.6
122 21.2 15.9 23.9

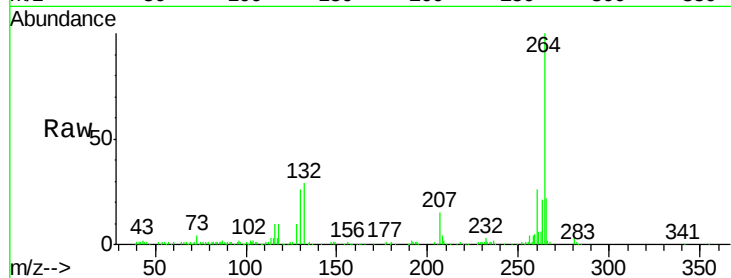




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.38 min Scan# 3522
Delta R.T. -0.00 min
Lab File: BG016700.D
Acq: 25 Apr 2015 2:22

Instrument :
BNA_G
ClientSampleId :
TEC05

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.0	30.0
265	21.6	16.8	25.2



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

