

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042415\
 Data File : BG016725.D
 Acq On : 25 Apr 2015 22:03
 Operator : TP/IZ
 Sample : G1991-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-75D

Quant Time: Apr 27 01:56:09 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 01:43:02 2015
 Response via : Initial Calibration

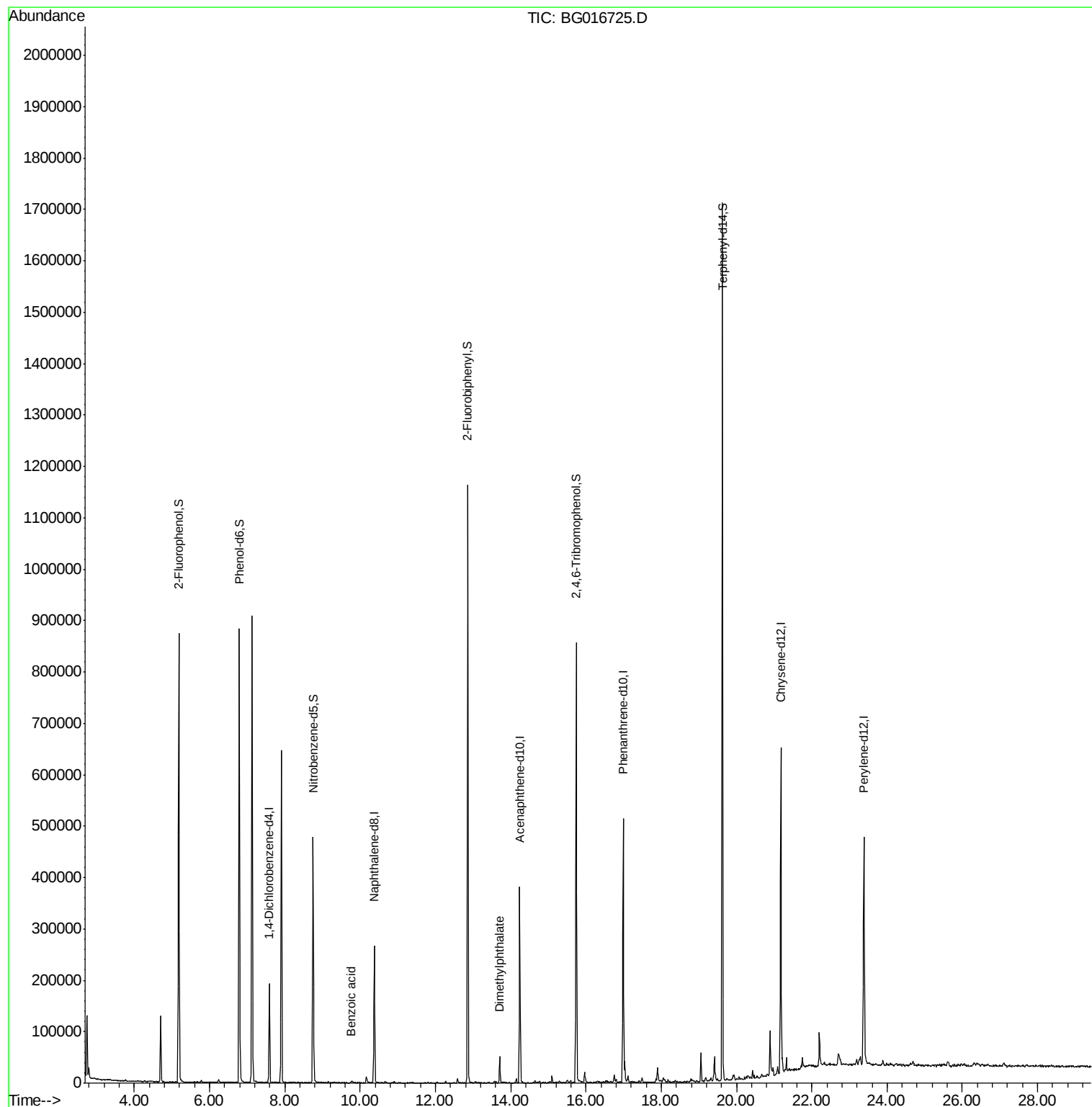
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	53560	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	227682	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	130627	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	280072	20.00	ng	0.00
75) Chrysene-d12	21.18	240	269869	20.00	ng	0.00
86) Perylene-d12	23.38	264	254519	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	424254	128.54	ng	0.00
7) Phenol-d6	6.79	99	579277	125.10	ng	0.00
23) Nitrobenzene-d5	8.75	82	282446	78.39	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	119548	123.36	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	556624	68.46	ng	0.00
78) Terphenyl-d14	19.62	244	616856	52.65	ng	0.00
Target Compounds						
32) Benzoic acid	9.76	122	82	8.89	ng	89
49) Dimethylphthalate	13.71	163	35449	3.63	ng	97

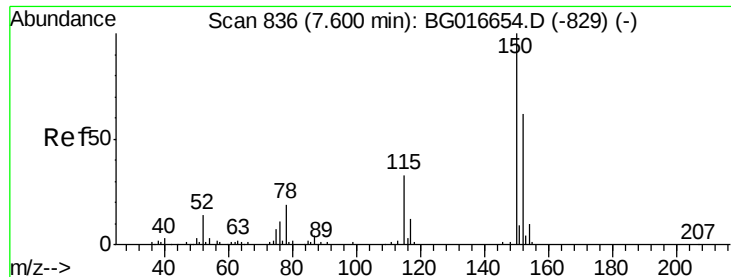
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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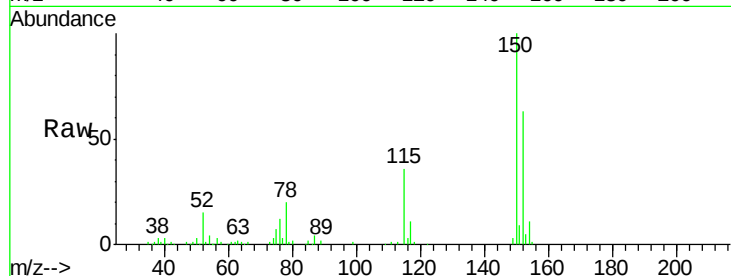


#1

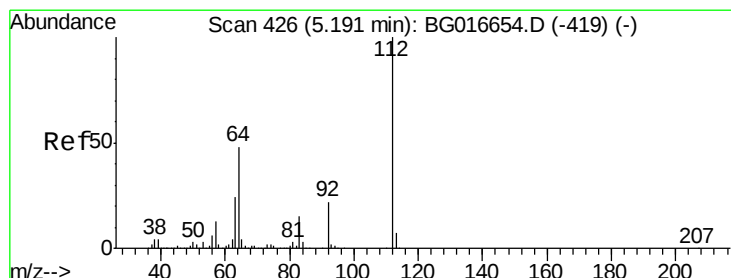
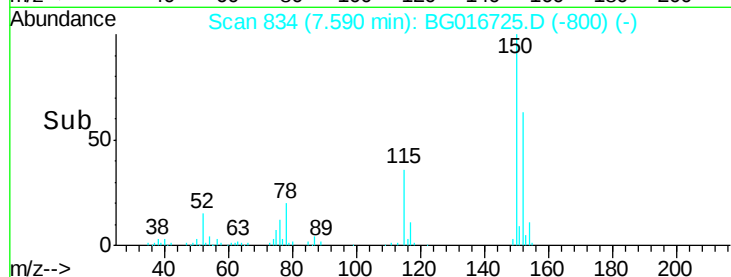
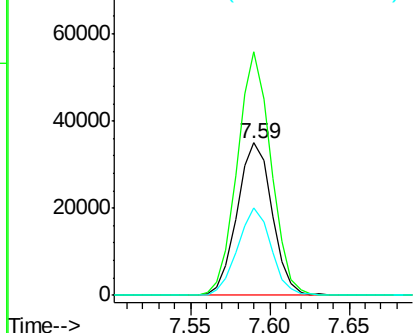
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.59 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG016725.D
Acq: 25 Apr 2015 22:03

Instrument :
BNA_G
ClientSampleId :
SB-75D

Tgt Ion:152 Resp: 53560
Ion Ratio Lower Upper
152 100
150 159.8 129.6 194.4
115 57.1 43.0 64.6



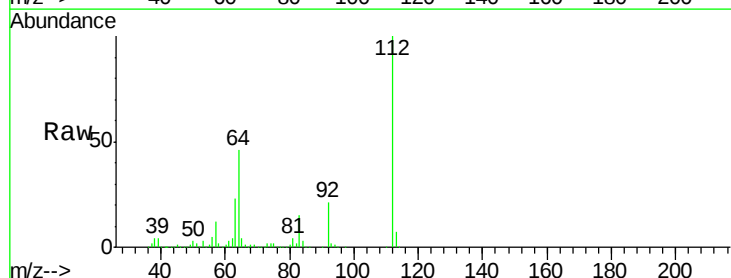
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



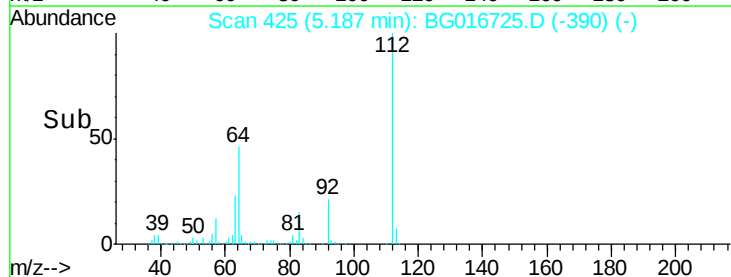
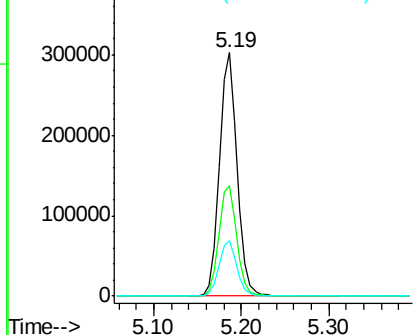
#5

2-Fluorophenol
Concen: 128.54 ng
RT: 5.19 min Scan# 425
Delta R.T. 0.00 min
Lab File: BG016725.D
Acq: 25 Apr 2015 22:03

Tgt Ion:112 Resp: 424254
Ion Ratio Lower Upper
112 100
64 45.6 38.3 57.5
63 22.6 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: 125.10 ng

RT: 6.79 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG016725.D

Acq: 25 Apr 2015 22:03

Instrument :

BNA_G

ClientSampled :

SB-75D

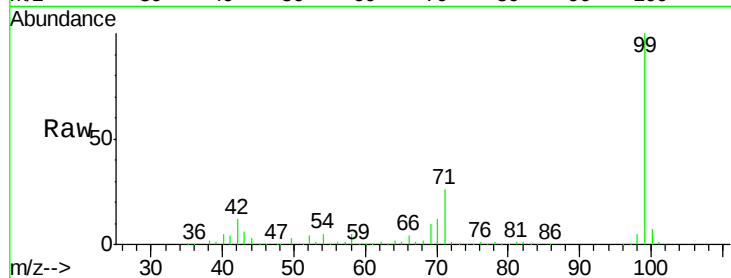
Tgt Ion: 99 Resp: 579277

Ion Ratio Lower Upper

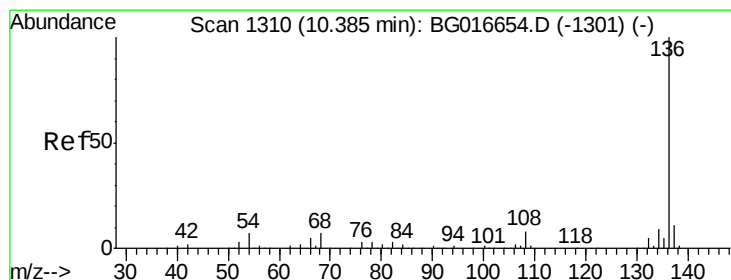
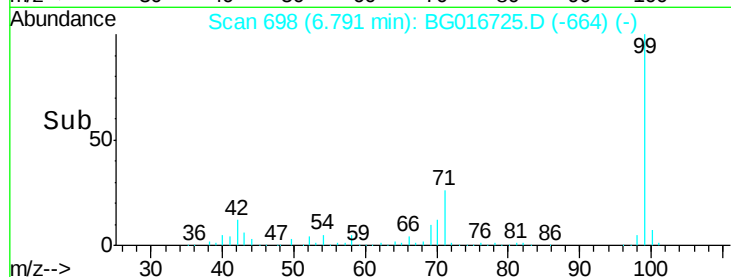
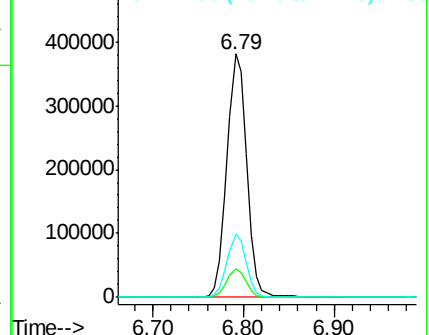
99 100

42 11.8 8.8 13.2

71 25.9 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# 1308

Delta R.T. -0.00 min

Lab File: BG016725.D

Acq: 25 Apr 2015 22:03

Tgt Ion: 136 Resp: 227682

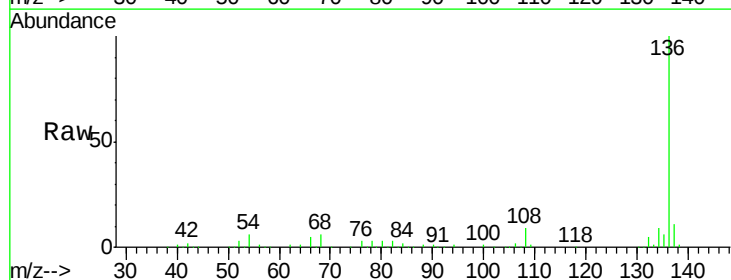
Ion Ratio Lower Upper

136 100

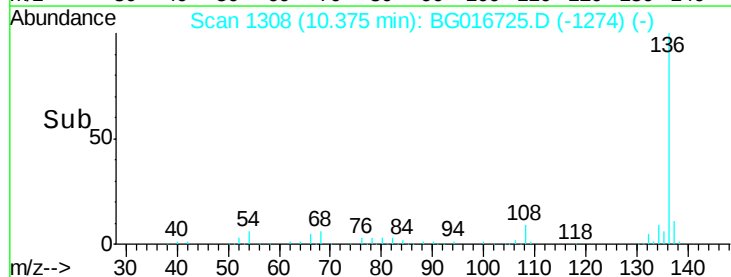
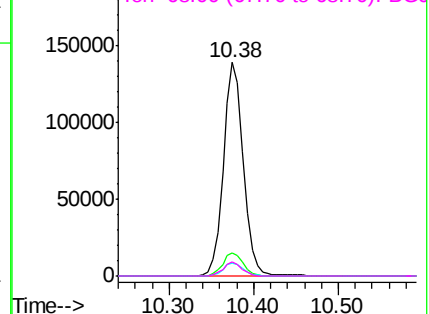
137 10.8 8.5 12.7

54 6.2 5.4 8.2

68 6.3 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

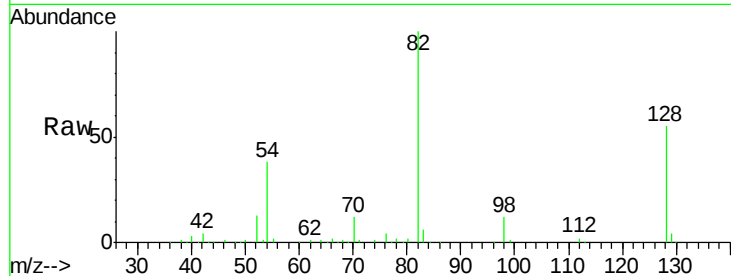




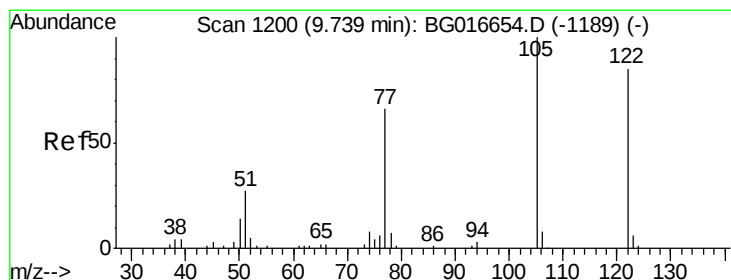
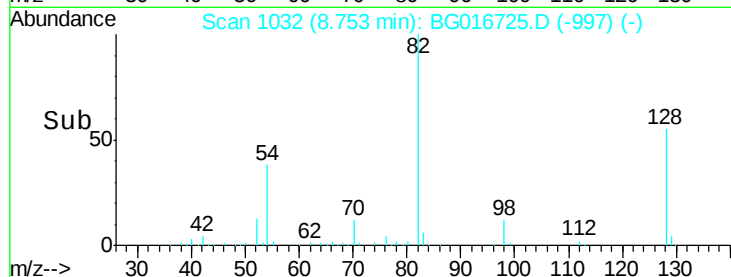
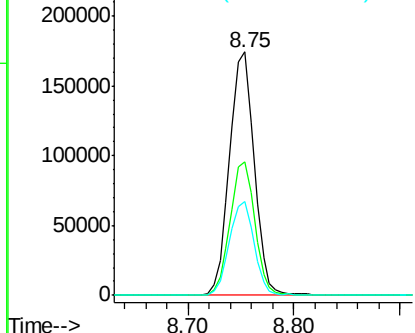
#23
 Nitrobenzene-d5
 Concen: 78.39 ng
 RT: 8.75 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BG016725.D
 Acq: 25 Apr 2015 22:03

Instrument :
 BNA_G
 ClientSampleId :
 SB-75D

Tgt Ion: 82 Resp: 282446
 Ion Ratio Lower Upper
 82 100
 128 54.9 44.7 67.1
 54 38.4 30.9 46.3

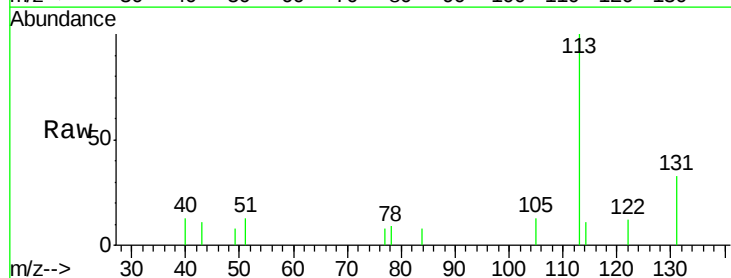


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

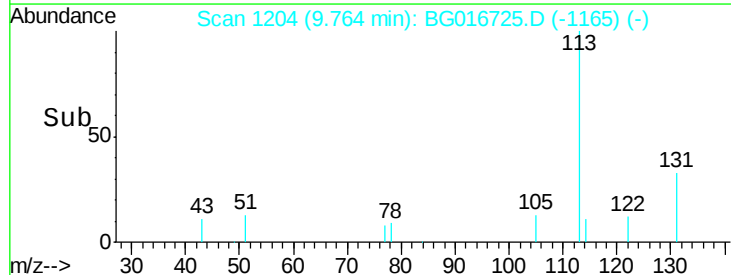
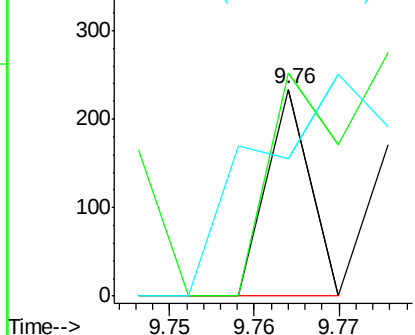


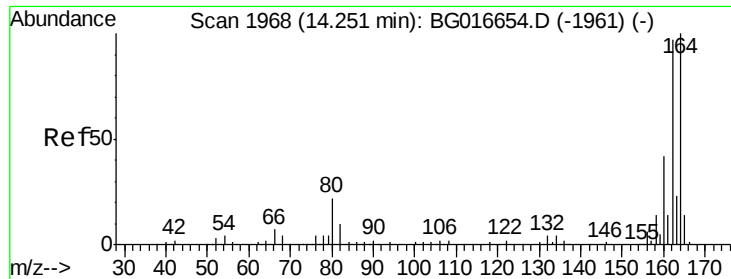
#32
 Benzoic acid
 Concen: 8.89 ng
 RT: 9.76 min Scan# 1204
 Delta R.T. 0.03 min
 Lab File: BG016725.D
 Acq: 25 Apr 2015 22:03

Tgt Ion: 122 Resp: 82
 Ion Ratio Lower Upper
 122 100
 105 107.7 97.2 137.2
 77 66.2 58.4 98.4



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 105.00 (104.70 to 105.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.24 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG016725.D

Acq: 25 Apr 2015 22:03

Instrument :

BNA_G

ClientSampleId :

SB-75D

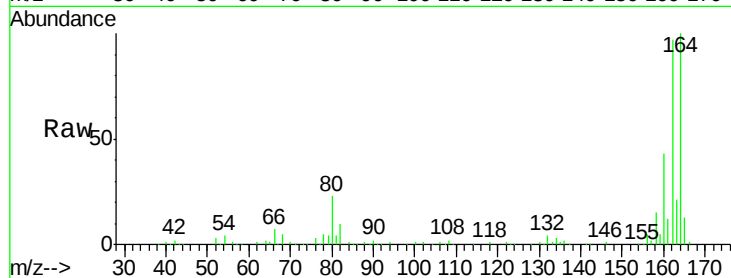
Tgt Ion:164 Resp: 130627

Ion Ratio Lower Upper

164 100

162 96.8 77.3 115.9

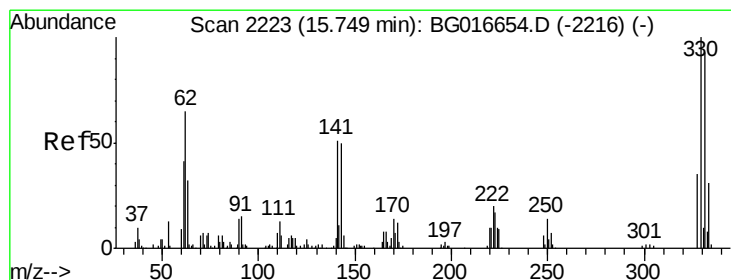
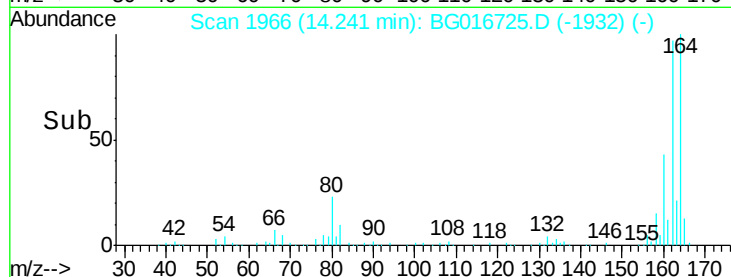
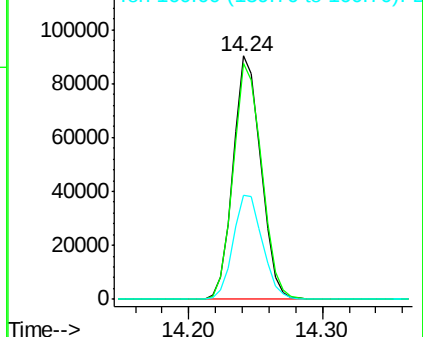
160 42.9 33.7 50.5



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: 123.36 ng

RT: 15.74 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BG016725.D

Acq: 25 Apr 2015 22:03

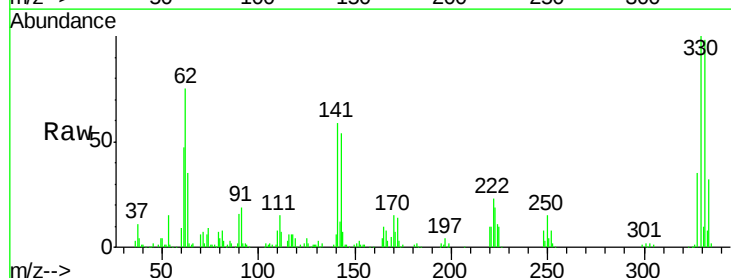
Tgt Ion:330 Resp: 119548

Ion Ratio Lower Upper

330 100

332 95.5 76.2 114.4

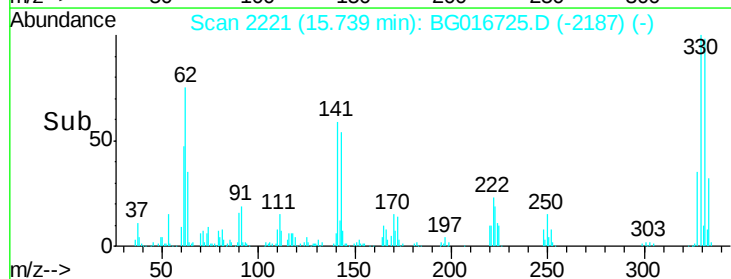
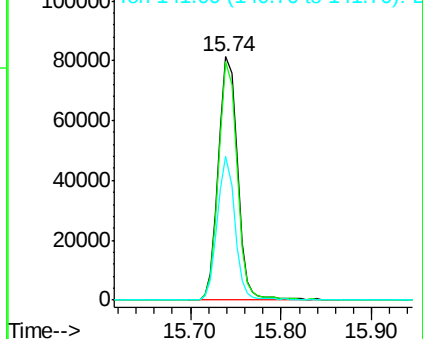
141 54.3 43.0 64.6

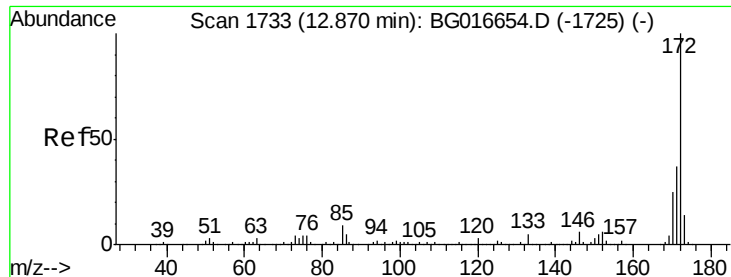


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

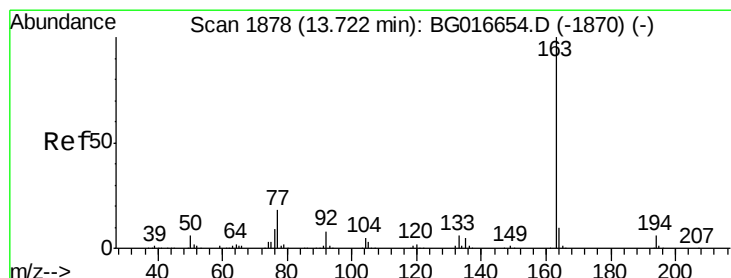
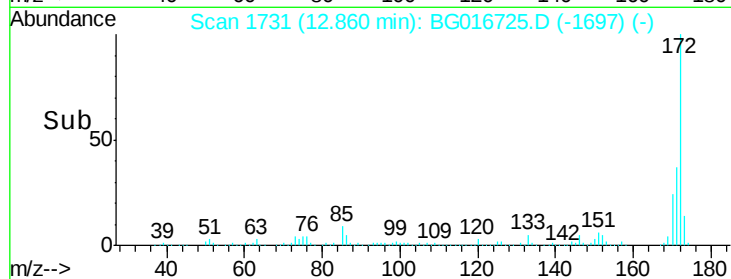
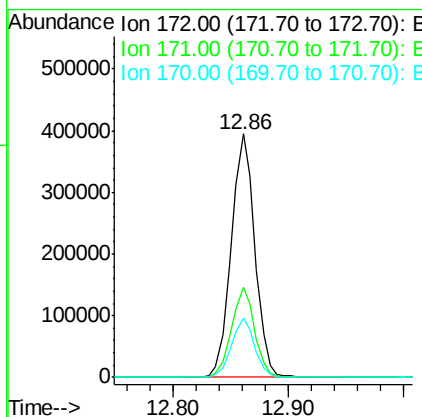
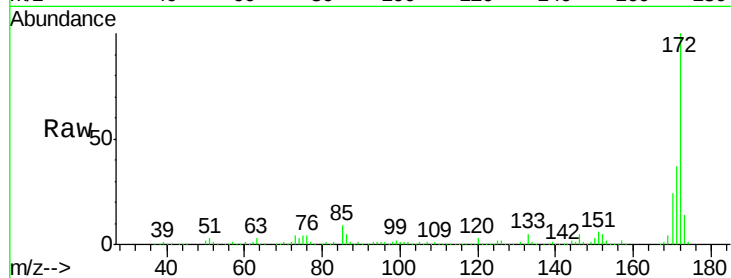




#44
 2-Fluorobiphenyl
 Concen: 68.46 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG016725.D
 Acq: 25 Apr 2015 22:03

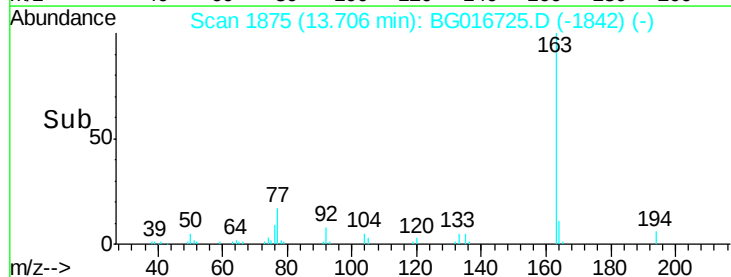
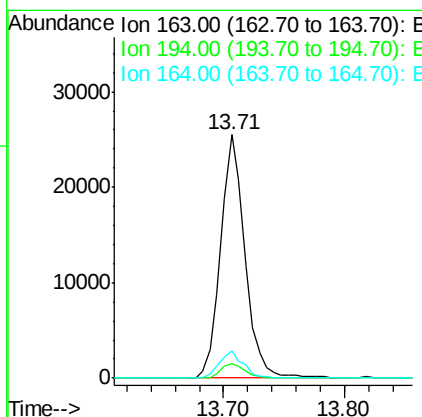
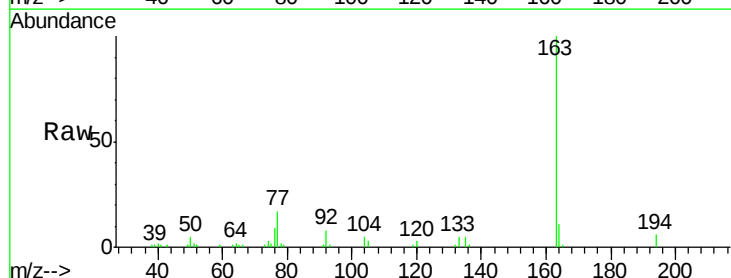
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 SB-75D

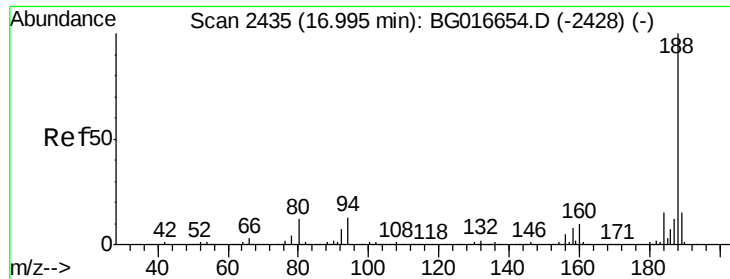
Tgt Ion:172 Resp: 556624
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.9 44.9
 170 24.5 19.8 29.8



#49
 Dimethylphthalate
 Concen: 3.63 ng
 RT: 13.71 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BG016725.D
 Acq: 25 Apr 2015 22:03

Tgt Ion:163 Resp: 35449
 Ion Ratio Lower Upper
 163 100
 194 5.8 5.0 7.4
 164 11.2 7.8 11.8

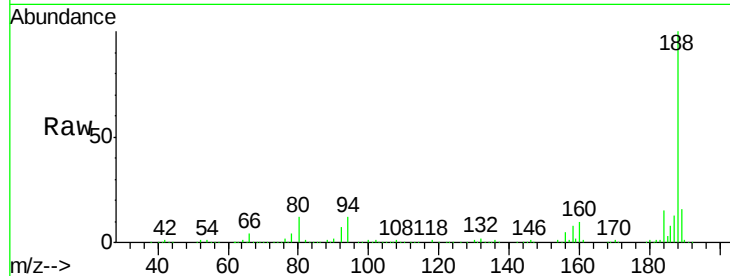




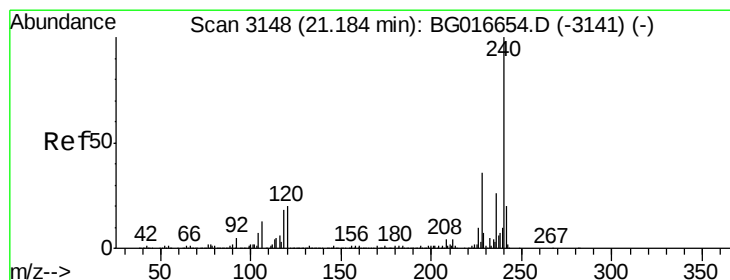
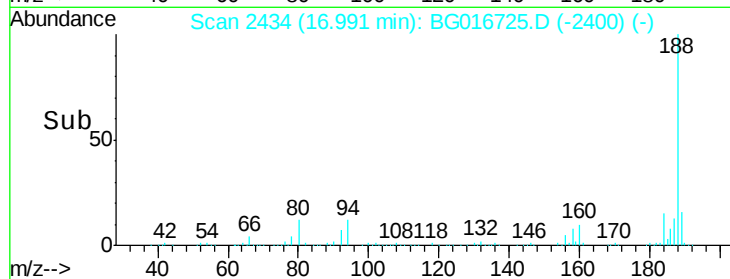
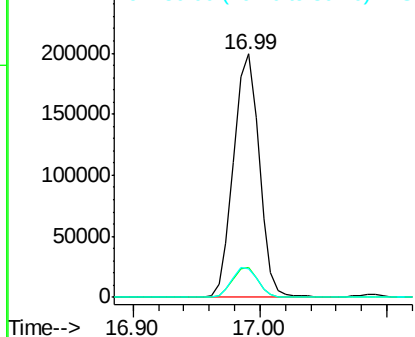
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.99 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG016725.D
Acq: 25 Apr 2015 22:03

Instrument :
BNA_G
ClientSampleId :
SB-75D

Tgt Ion:188 Resp: 280072
Ion Ratio Lower Upper
188 100
94 12.1 10.7 16.1
80 11.8 9.9 14.9

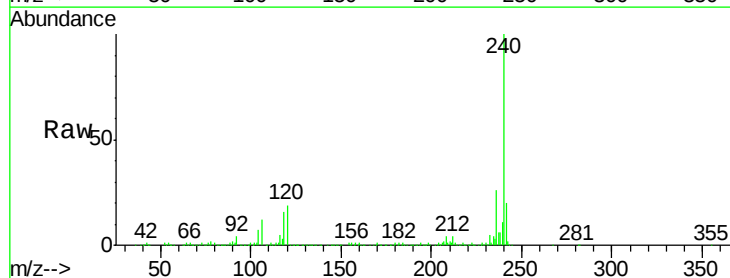


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): B
Ion 80.00 (79.70 to 80.70): B

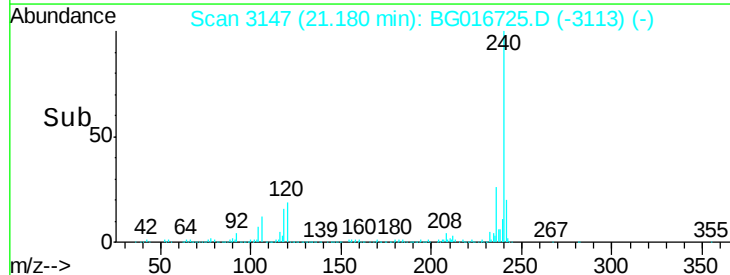
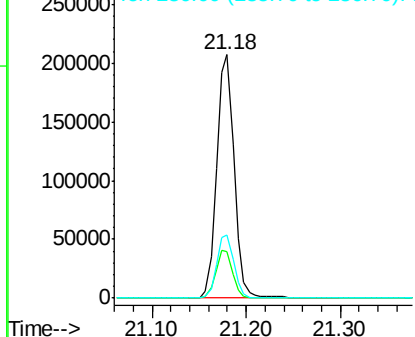


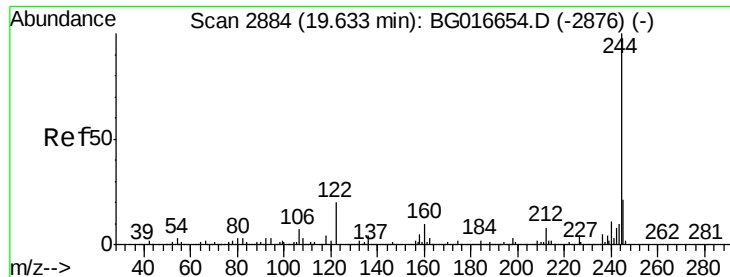
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.18 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG016725.D
Acq: 25 Apr 2015 22:03

Tgt Ion:240 Resp: 269869
Ion Ratio Lower Upper
240 100
120 19.2 16.3 24.5
236 26.0 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: 52.65 ng

RT: 19.62 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG016725.D

Acq: 25 Apr 2015 22:03

Instrument :

BNA_G

ClientSampleId :

SB-75D

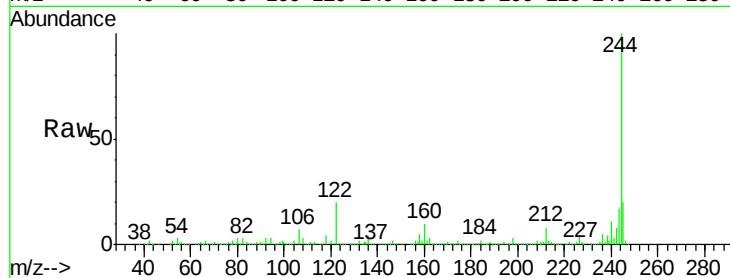
Tgt Ion:244 Resp: 616856

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

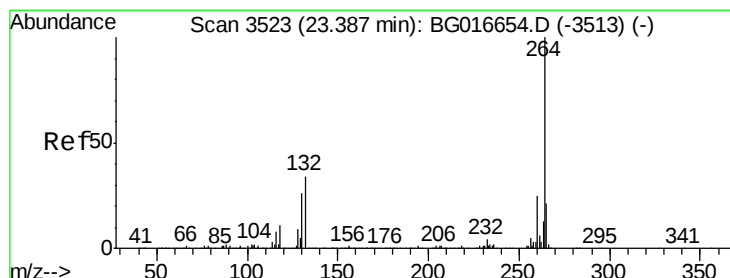
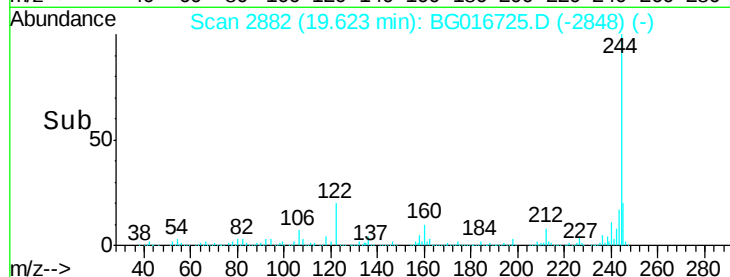
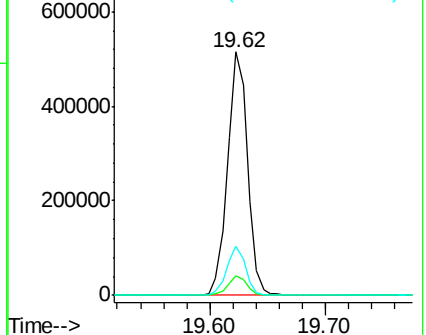
122 20.3 15.9 23.9



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

Perylene-d12

Concen: 20.00 ng

RT: 23.38 min Scan# 3522

Delta R.T. -0.00 min

Lab File: BG016725.D

Acq: 25 Apr 2015 22:03

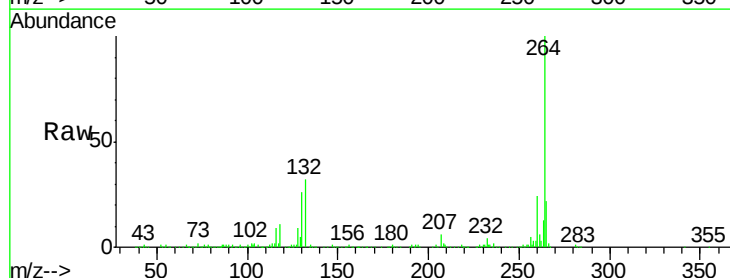
Tgt Ion:264 Resp: 254519

Ion Ratio Lower Upper

264 100

260 24.1 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

