

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041615\
 Data File : BG016480.D
 Acq On : 17 Apr 2015 7:24
 Operator : TP/IZ
 Sample : G1891-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-71D

Quant Time: Apr 17 08:21:01 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 03:57:14 2015
 Response via : Initial Calibration

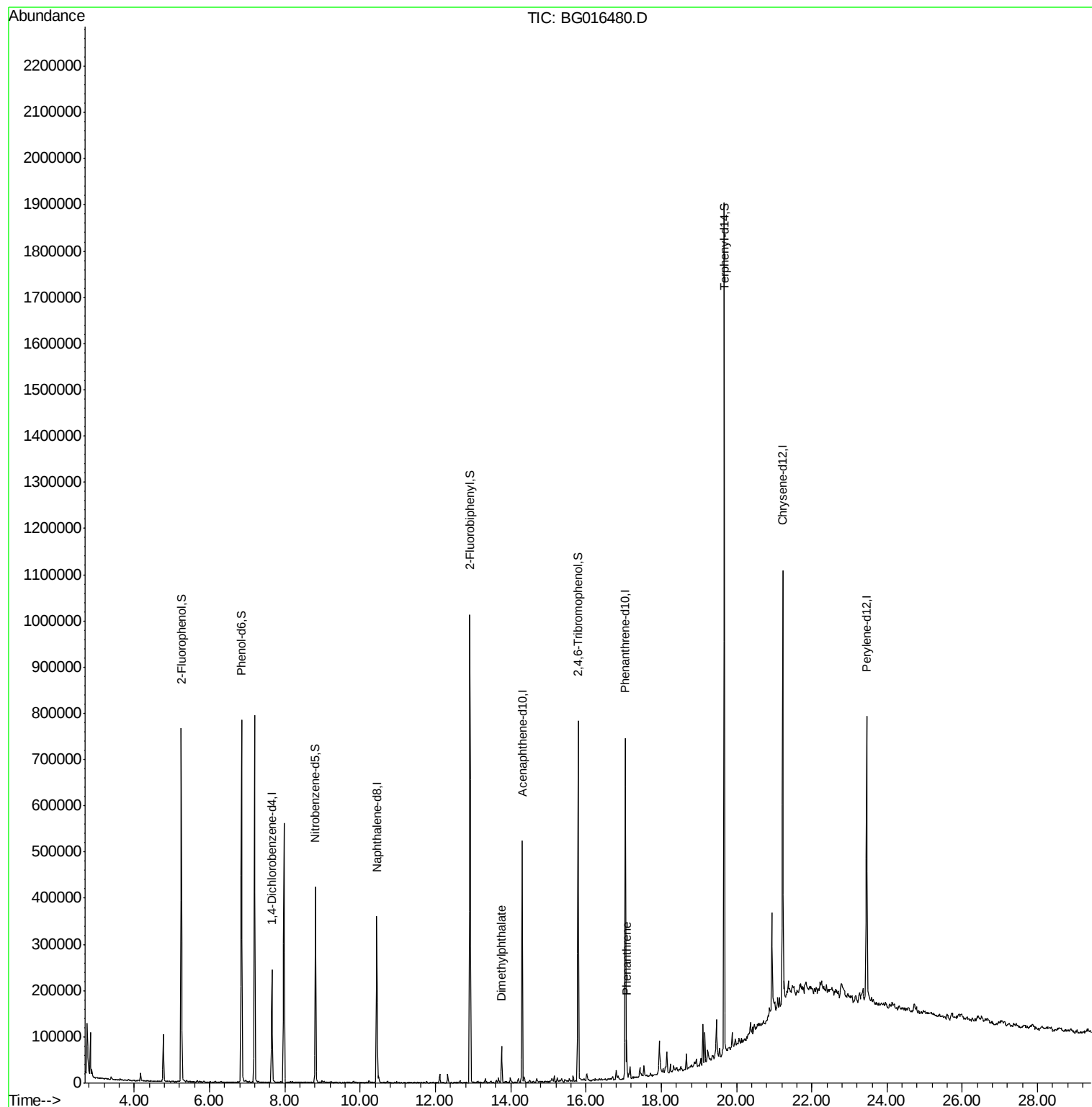
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	68408	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	301187	20.00	ng	0.00
38) Acenaphthene-d10	14.31	164	175736	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	384729	20.00	ng	0.00
75) Chrysene-d12	21.23	240	364292	20.00	ng	0.00
86) Perylene-d12	23.46	264	345983	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	365557	84.34	ng	0.00
7) Phenol-d6	6.85	99	502207	77.18	ng	0.00
23) Nitrobenzene-d5	8.82	82	250298	48.14	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	109725	92.32	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	531466	51.49	ng	0.00
78) Terphenyl-d14	19.68	244	697136	44.79	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.76	163	54705	4.25	ng	98
70) Phenanthrene	17.08	178	45964	2.12	ng	96

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

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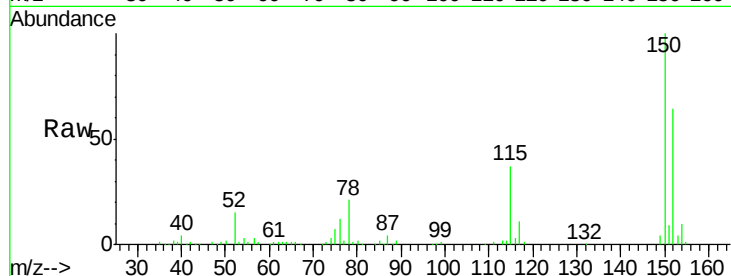


#1

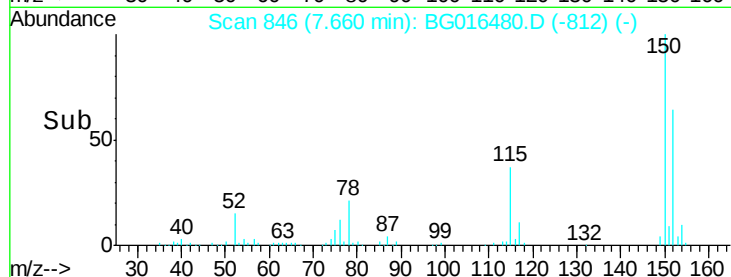
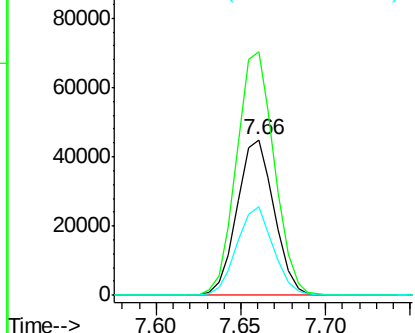
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.66 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BG016480.D
 Acq: 17 Apr 2015 7:24

Instrument :
 BNA_G
 ClientSampleId :
 SB-71D

Tgt Ion:152 Resp: 68408
 Ion Ratio Lower Upper
 152 100
 150 156.7 130.1 195.1
 115 57.5 50.5 75.7



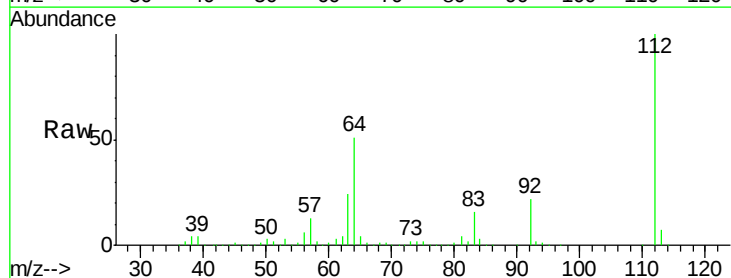
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



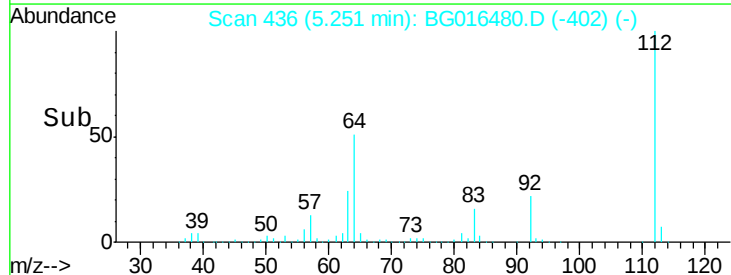
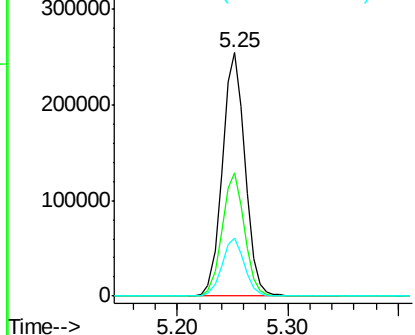
#5

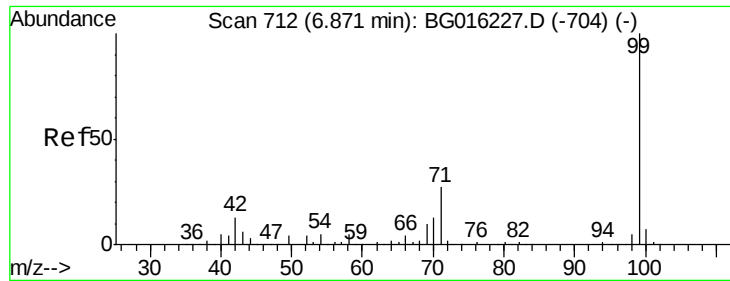
2-Fluorophenol
 Concen: 84.34 ng
 RT: 5.25 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BG016480.D
 Acq: 17 Apr 2015 7:24

Tgt Ion:112 Resp: 365557
 Ion Ratio Lower Upper
 112 100
 64 50.5 44.5 66.7
 63 24.0 21.4 32.0



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: 77.18 ng

RT: 6.85 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG016480.D

Acq: 17 Apr 2015 7:24

Instrument :

BNA_G

ClientSampleId :

SB-71D

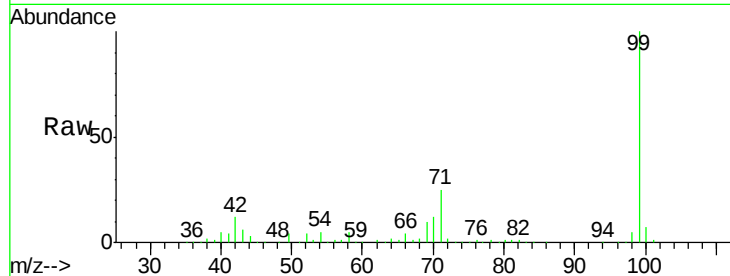
Tgt Ion: 99 Resp: 502207

Ion Ratio Lower Upper

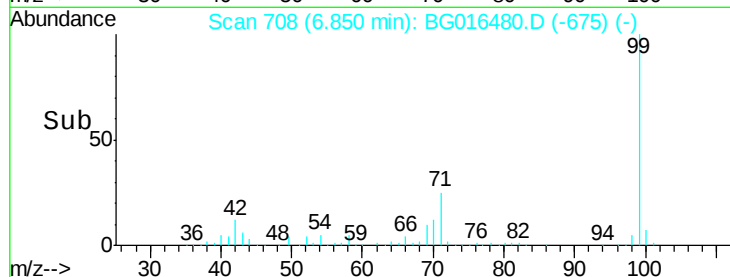
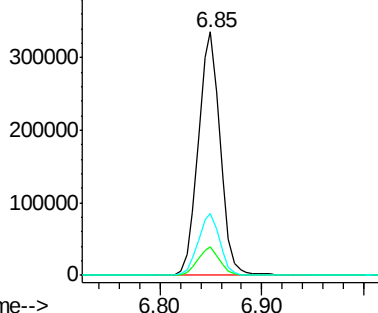
99 100

42 12.0 10.0 15.0

71 25.4 21.5 32.3



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: 10.45 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BG016480.D

Acq: 17 Apr 2015 7:24

Tgt Ion: 136 Resp: 301187

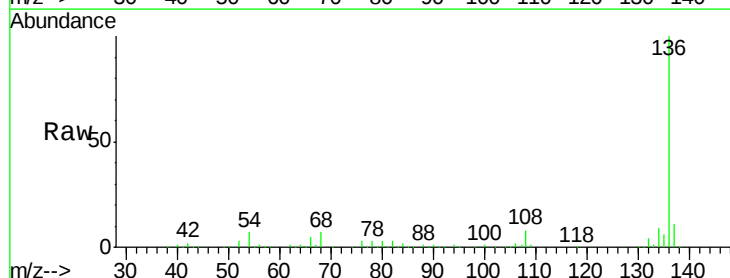
Ion Ratio Lower Upper

136 100

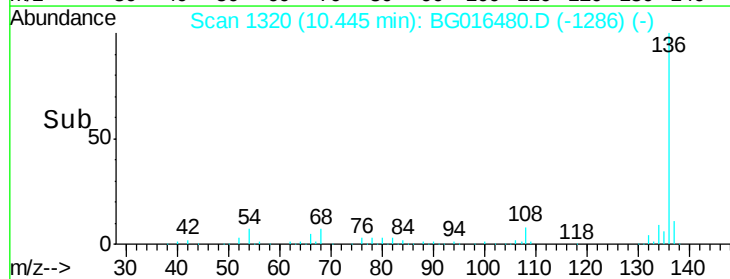
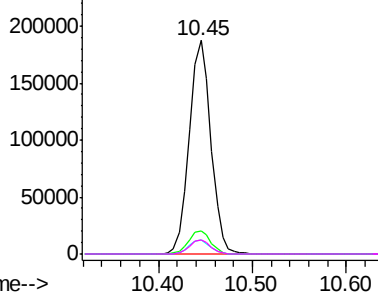
137 10.8 8.7 13.1

54 6.6 6.3 9.5

68 6.8 6.5 9.7



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

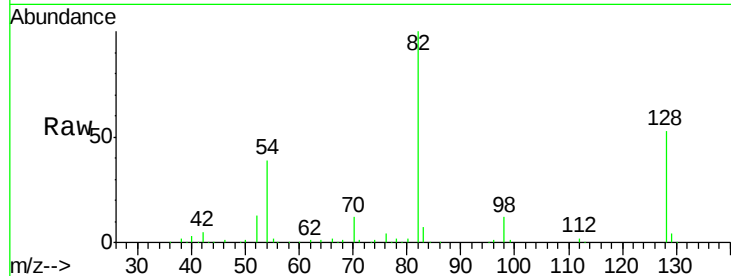




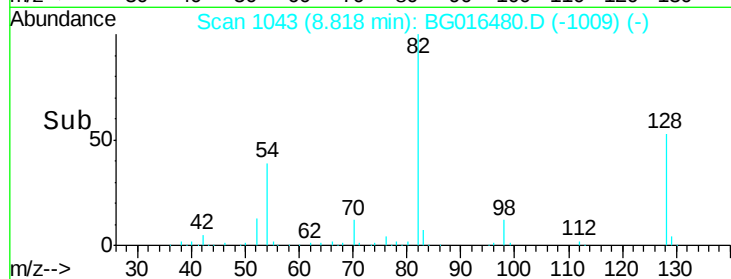
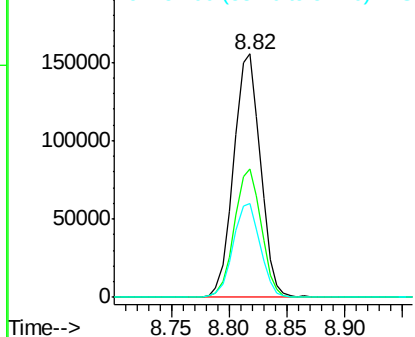
#23
 Nitrobenzene-d5
 Concen: 48.14 ng
 RT: 8.82 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG016480.D
 Acq: 17 Apr 2015 7:24

Instrument :
 BNA_G
 ClientSampleId :
 SB-71D

Tgt Ion	Ratio	Lower	Upper
82	100		
128	53.0	37.8	56.8
54	38.8	32.6	49.0

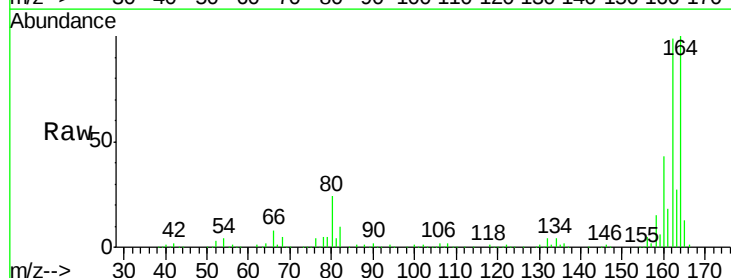


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

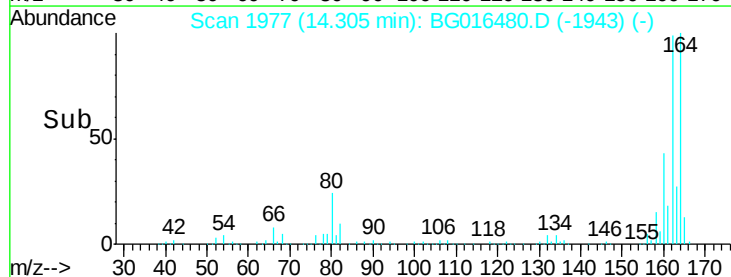
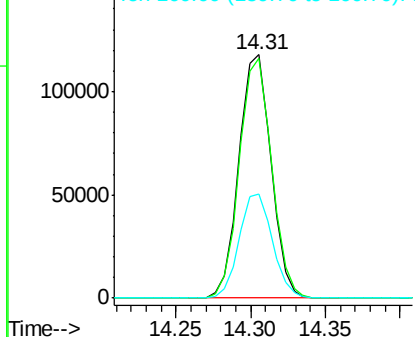


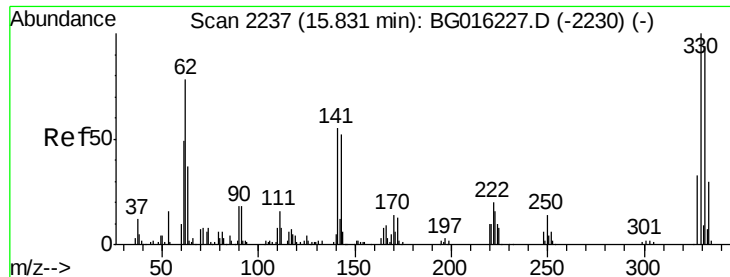
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.31 min Scan# 1977
 Delta R.T. 0.00 min
 Lab File: BG016480.D
 Acq: 17 Apr 2015 7:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.7	77.3	115.9
160	42.9	36.7	55.1



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

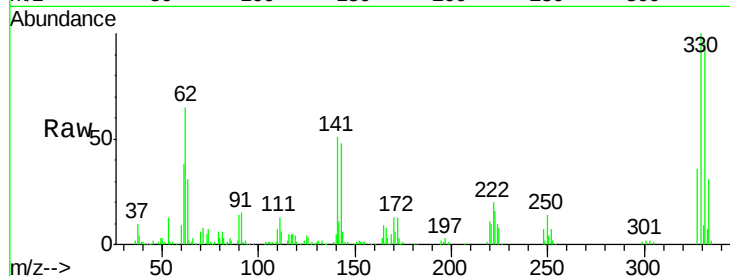




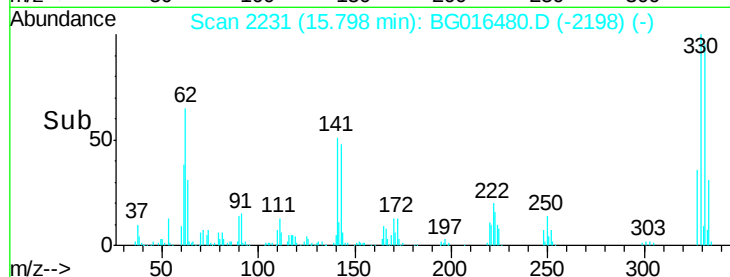
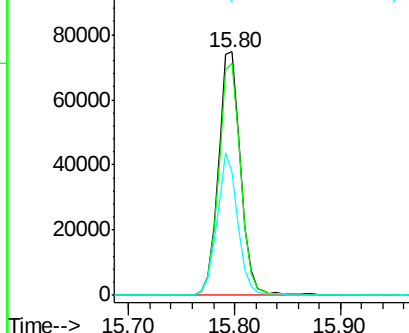
#41
 2,4,6-Tribromophenol
 Concen: 92.32 ng
 RT: 15.80 min Scan# 2231
 Delta R.T. -0.00 min
 Lab File: BG016480.D
 Acq: 17 Apr 2015 7:24

Instrument :
 BNA_G
 ClientSampled :
 SB-71D

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.8	113.6
141	55.2	46.6	69.8

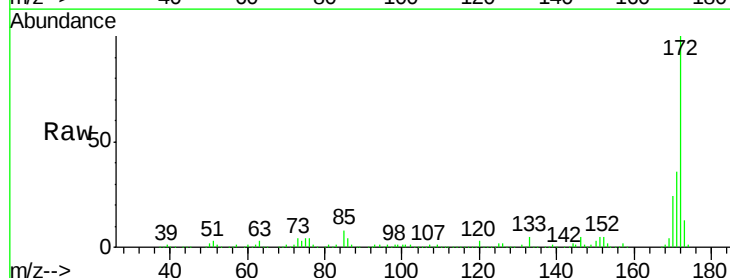


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

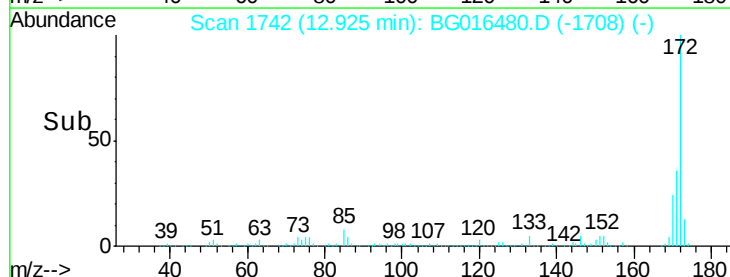
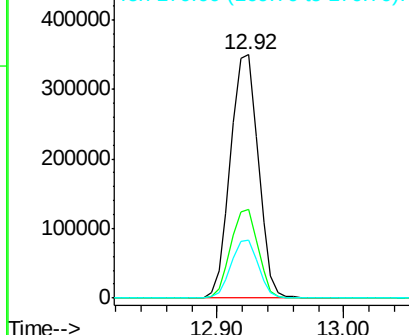


#44
 2-Fluorobiphenyl
 Concen: 51.49 ng
 RT: 12.92 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: BG016480.D
 Acq: 17 Apr 2015 7:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.6	19.4	29.2



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





#49

Dimethylphthalate

Concen: 4.25 ng

RT: 13.76 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BG016480.D

Acq: 17 Apr 2015 7:24

Instrument :

BNA_G

ClientSampleId :

SB-71D

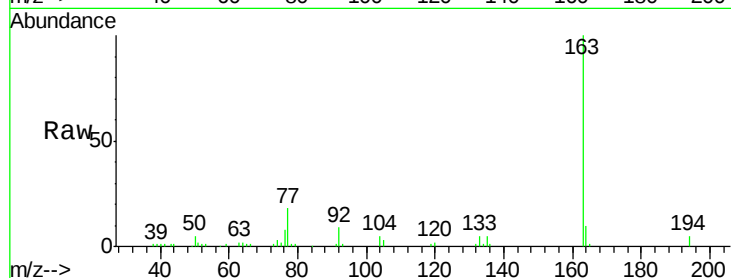
Tgt Ion:163 Resp: 54705

Ion Ratio Lower Upper

163 100

194 5.0 5.0 7.4

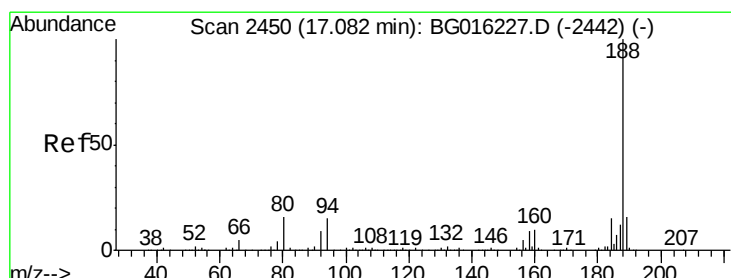
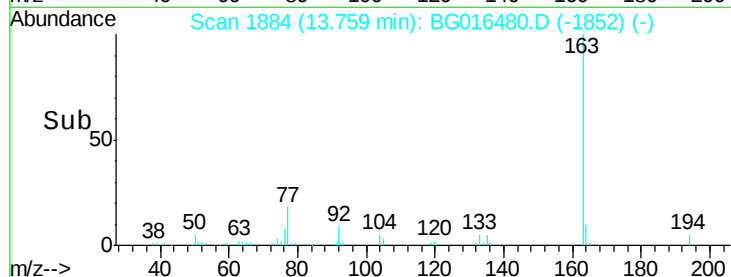
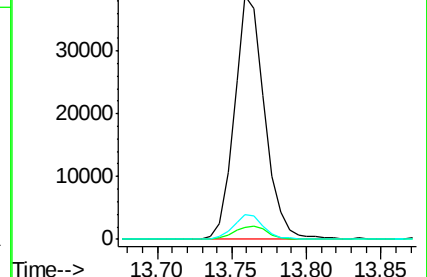
164 10.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.04 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG016480.D

Acq: 17 Apr 2015 7:24

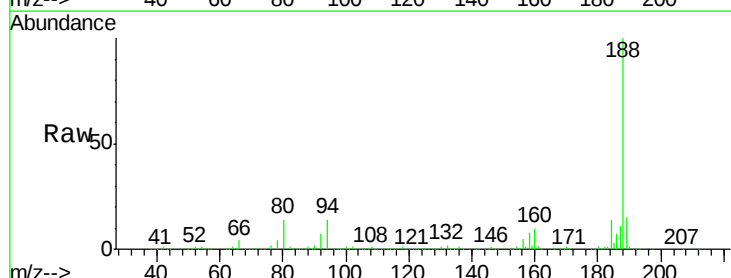
Tgt Ion:188 Resp: 384729

Ion Ratio Lower Upper

188 100

94 13.6 12.2 18.4

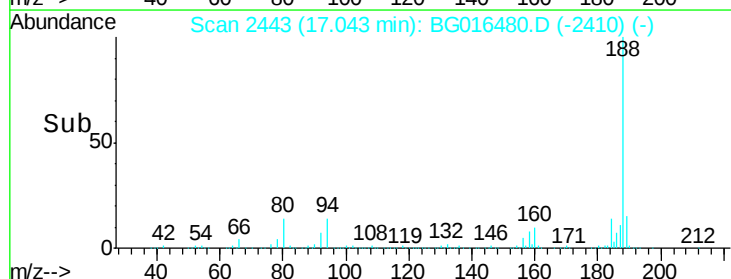
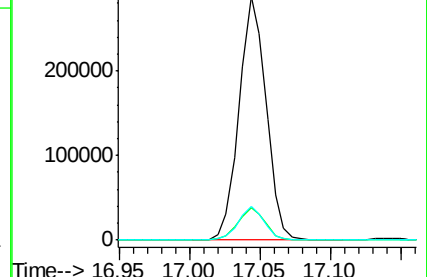
80 13.8 12.8 19.2

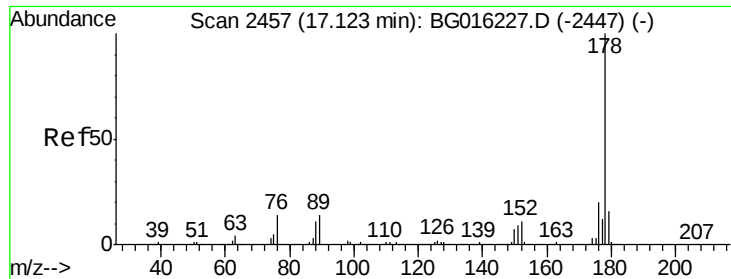


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#70

Phenanthrene

Concen: 2.12 ng

RT: 17.08 min Scan# 2450

Delta R.T. -0.01 min

Lab File: BG016480.D

Acq: 17 Apr 2015 7:24

Instrument :

BNA_G

ClientSampleId :

SB-71D

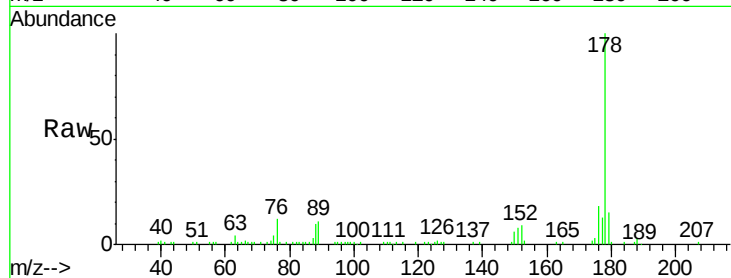
Tgt Ion:178 Resp: 45964

Ion Ratio Lower Upper

178 100

176 18.0 16.2 24.4

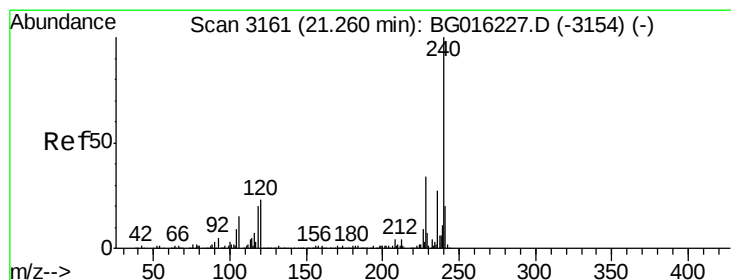
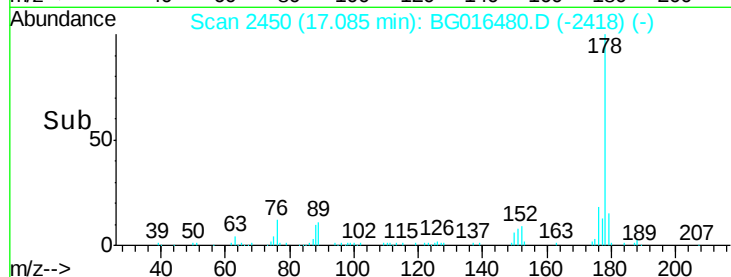
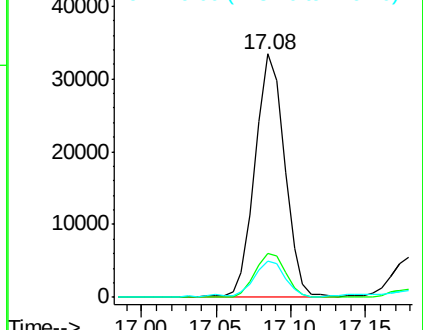
179 14.9 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.23 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG016480.D

Acq: 17 Apr 2015 7:24

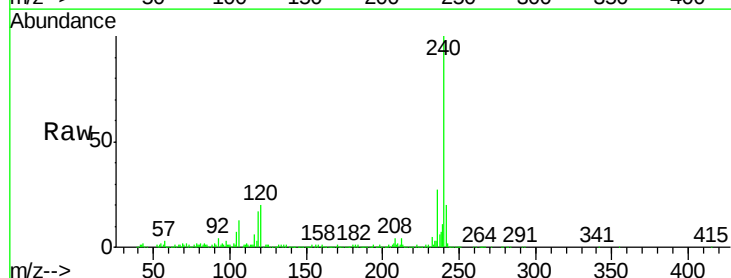
Tgt Ion:240 Resp: 364292

Ion Ratio Lower Upper

240 100

120 20.3 18.6 28.0

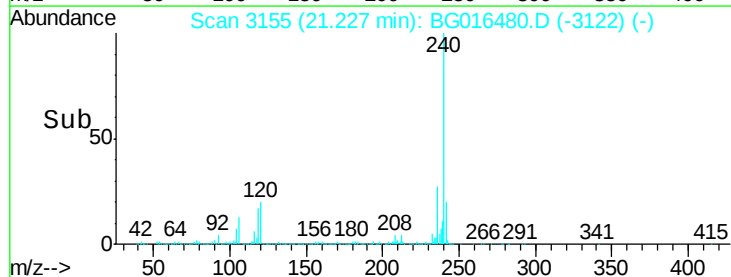
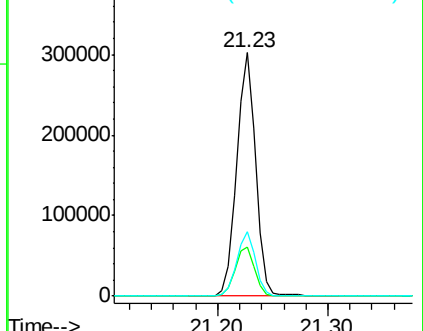
236 26.6 21.7 32.5

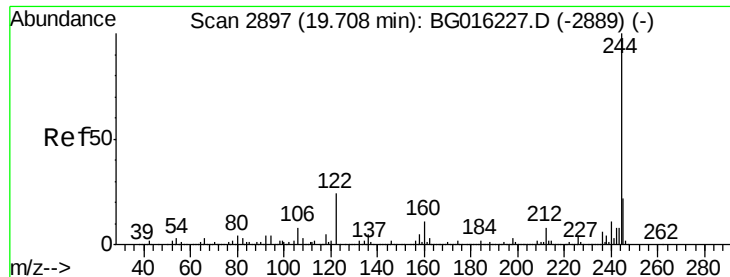


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 44.79 ng

RT: 19.68 min Scan# 2891

Delta R.T. -0.00 min

Lab File: BG016480.D

Acq: 17 Apr 2015 7:24

Instrument :

BNA_G

ClientSampled :

SB-71D

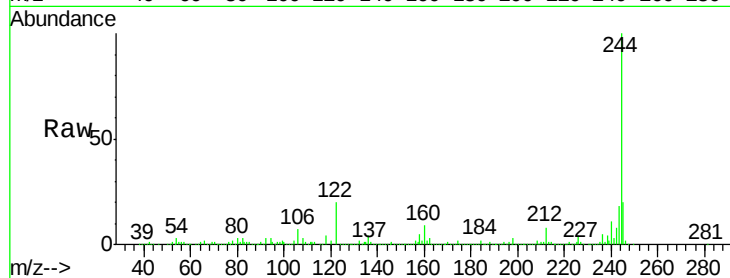
Tgt Ion:244 Resp: 697136

Ion Ratio Lower Upper

244 100

212 7.8 6.6 9.8

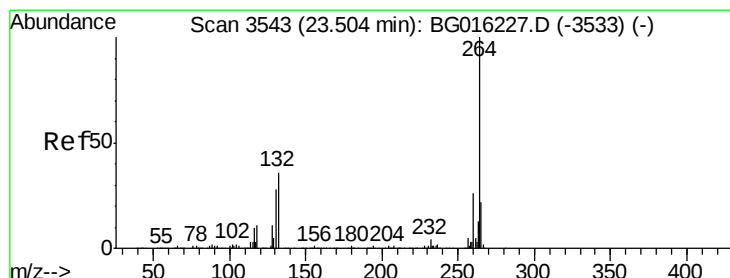
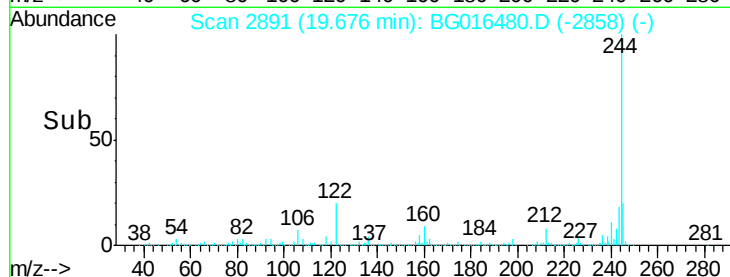
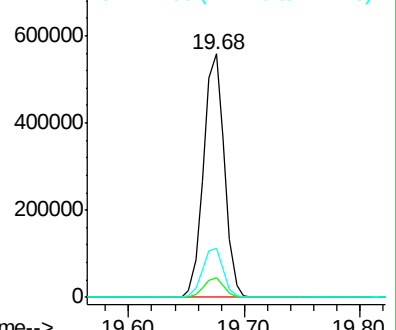
122 20.3 19.1 28.7



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: 23.46 min Scan# 3535

Delta R.T. -0.00 min

Lab File: BG016480.D

Acq: 17 Apr 2015 7:24

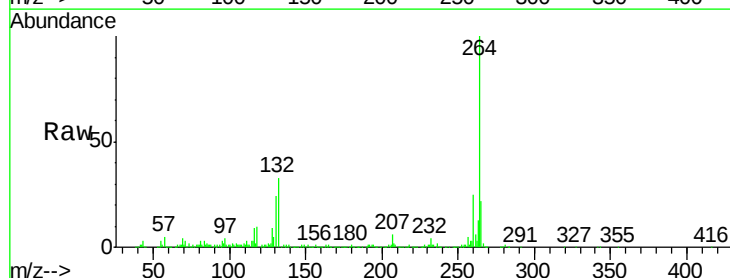
Tgt Ion:264 Resp: 345983

Ion Ratio Lower Upper

264 100

260 25.1 20.4 30.6

265 22.0 17.2 25.8



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

