

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
 Data File : BG021678.D
 Acq On : 15 Apr 2016 8:45
 Operator : UM/SJ
 Sample : PB89734BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB89734BL

Quant Time: Apr 15 14:39:35 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	29561	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	134961	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	96857	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	224830	20.00	ng	0.00
75) Chrysene-d12	21.83	240	248227	20.00	ng	0.00
86) Perylene-d12	25.15	264	237762	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	213217	120.11	ng	0.00
7) Phenol-d6	7.37	99	314942	118.77	ng	0.00
23) Nitrobenzene-d5	9.38	82	184745	70.36	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	119689	114.66	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	463927	70.18	ng	0.00
78) Terphenyl-d14	20.14	244	708187	71.19	ng	0.00

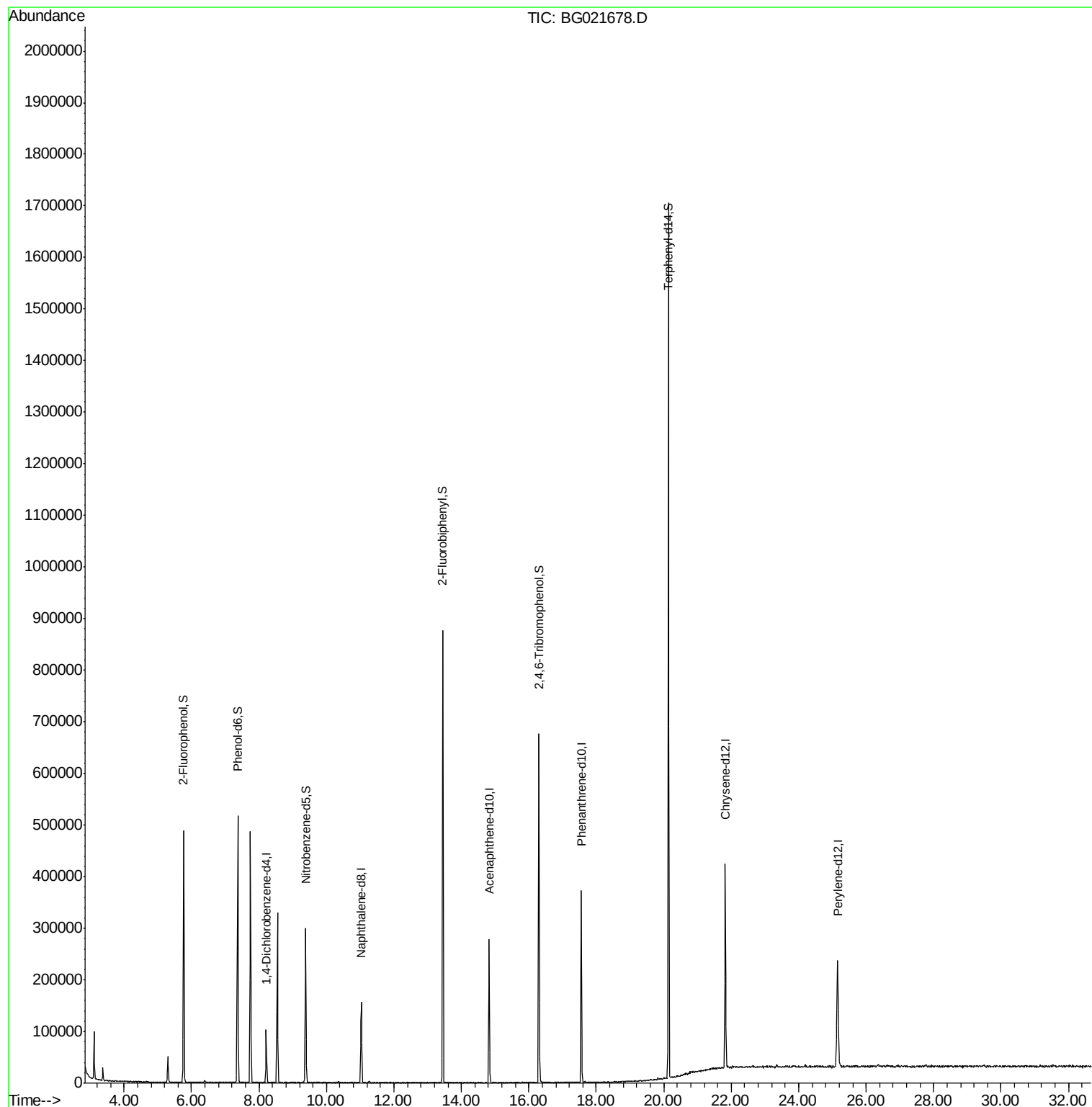
Target Compounds	Qvalue
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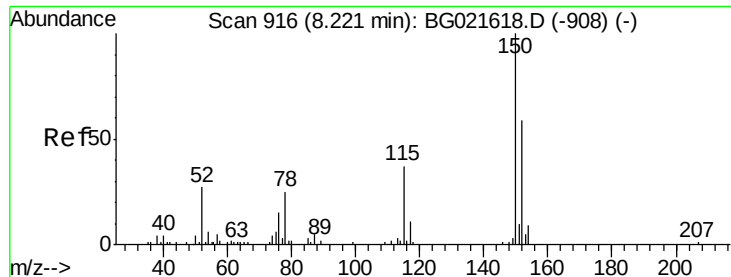
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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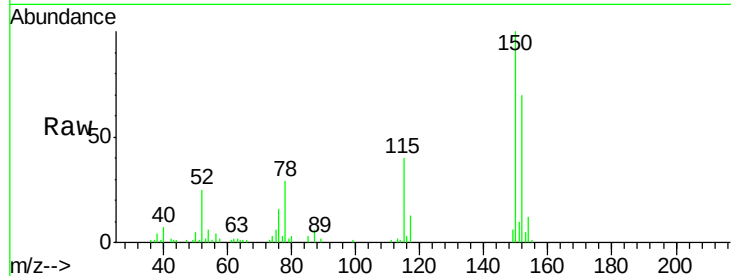


#1

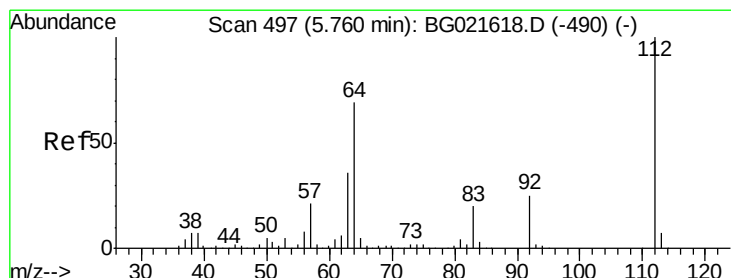
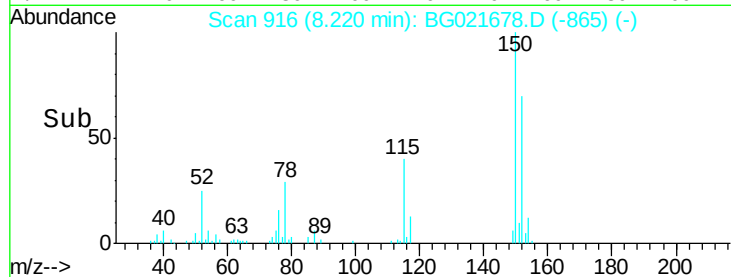
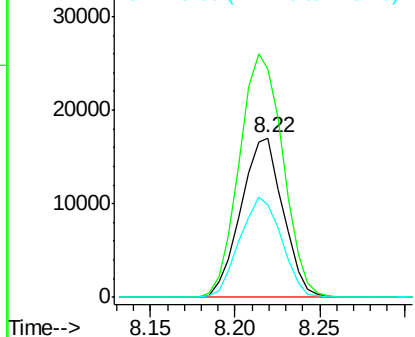
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.22 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG021678.D
Acq: 15 Apr 2016 8:45

Instrument :
BNA_G
ClientSampleId :
PB89734BL

Tgt Ion:152 Resp: 29561
Ion Ratio Lower Upper
152 100
150 142.9 130.1 195.1
115 57.8 62.2 93.2#



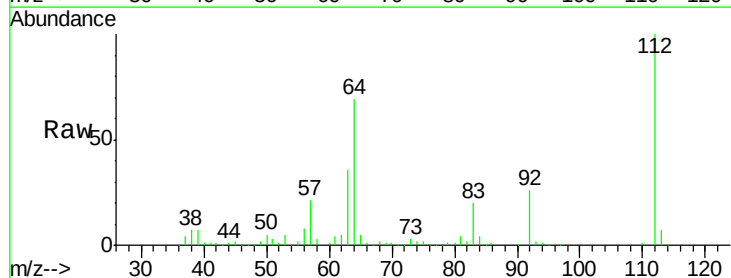
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



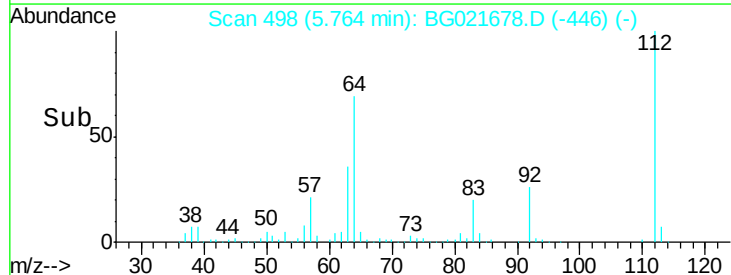
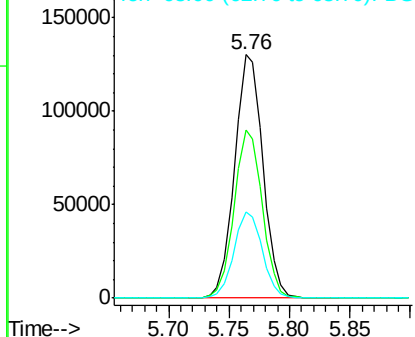
#5

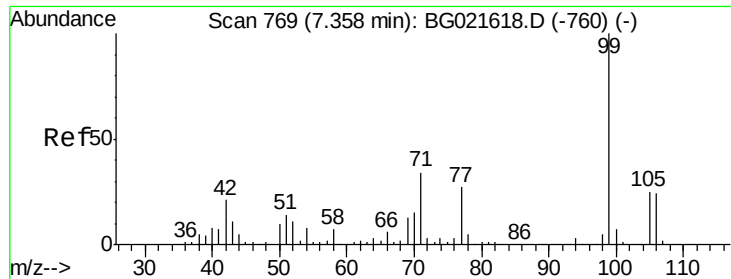
2-Fluorophenol
Concen: 120.11 ng
RT: 5.76 min Scan# 498
Delta R.T. 0.00 min
Lab File: BG021678.D
Acq: 15 Apr 2016 8:45

Tgt Ion:112 Resp: 213217
Ion Ratio Lower Upper
112 100
64 69.1 51.1 76.7
63 35.5 24.6 37.0



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: 118.77 ng

RT: 7.37 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG021678.D

Acq: 15 Apr 2016 8:45

Instrument :

BNA_G

ClientSampleId :

PB89734BL

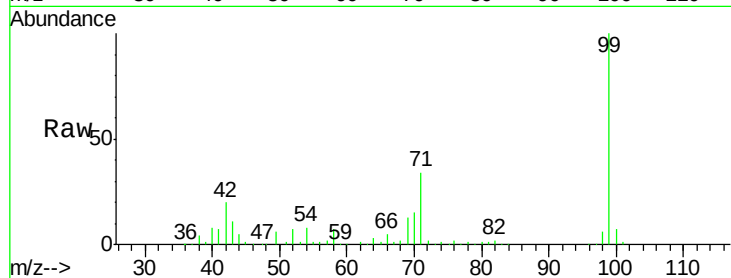
Tgt Ion: 99 Resp: 314942

Ion Ratio Lower Upper

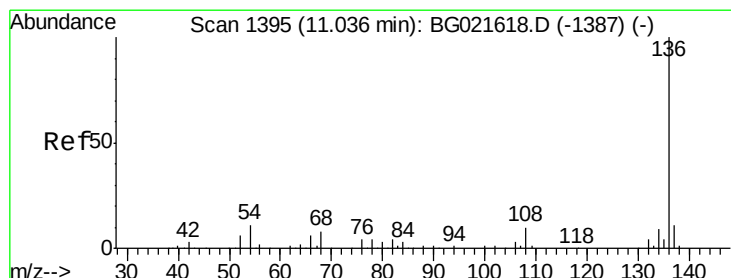
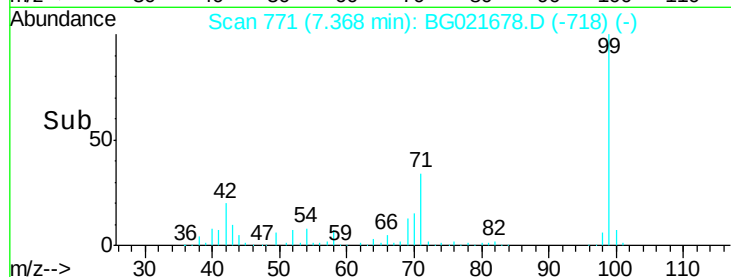
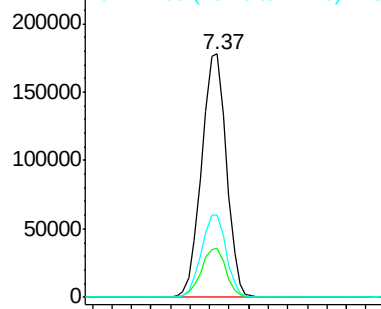
99 100

42 20.1 16.4 24.6

71 33.8 25.0 37.4



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: 11.03 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BG021678.D

Acq: 15 Apr 2016 8:45

Tgt Ion: 136 Resp: 134961

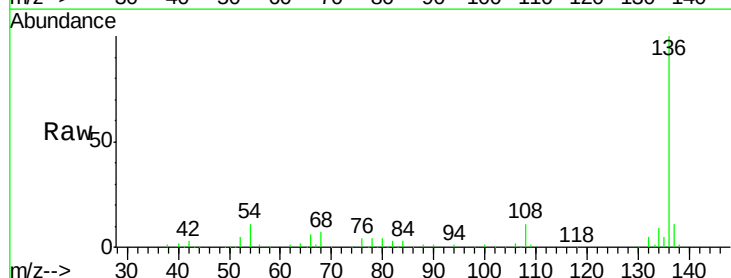
Ion Ratio Lower Upper

136 100

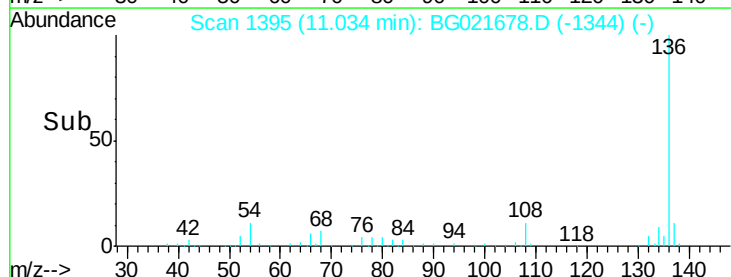
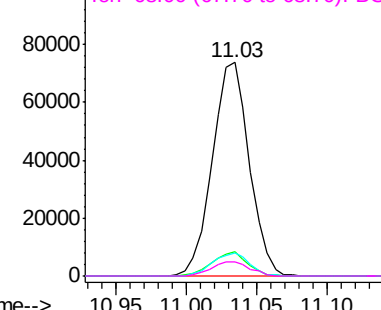
137 11.1 9.0 13.4

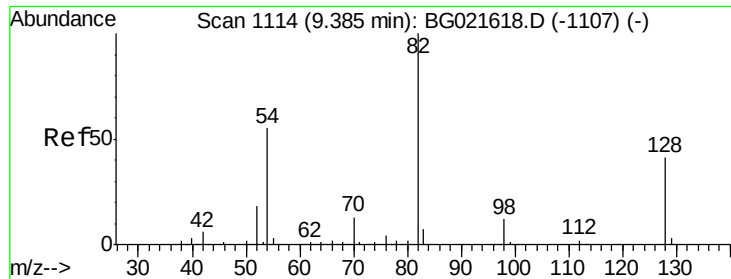
54 10.9 9.6 14.4

68 6.6 6.4 9.6



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

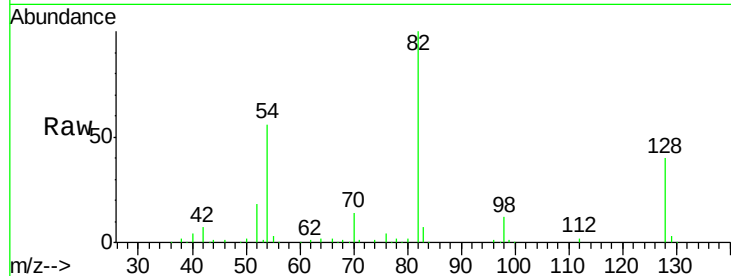




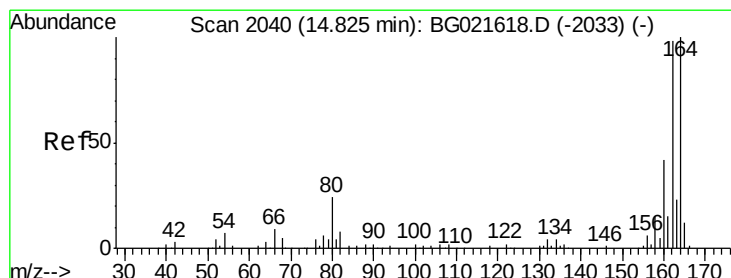
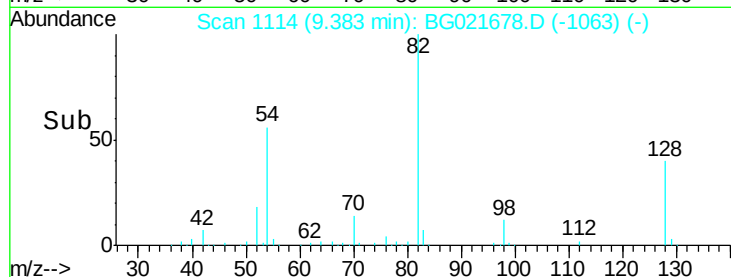
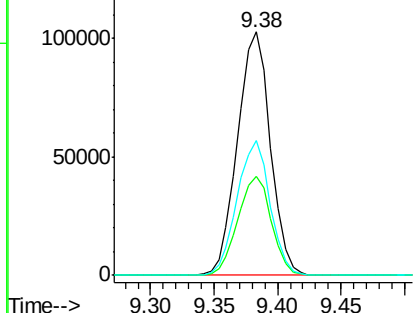
#23
 Nitrobenzene-d5
 Concen: 70.36 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG021678.D
 Acq: 15 Apr 2016 8:45

Instrument :
 BNA_G
 ClientSampleId :
 PB89734BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.4	50.0
54	55.6	46.1	69.1

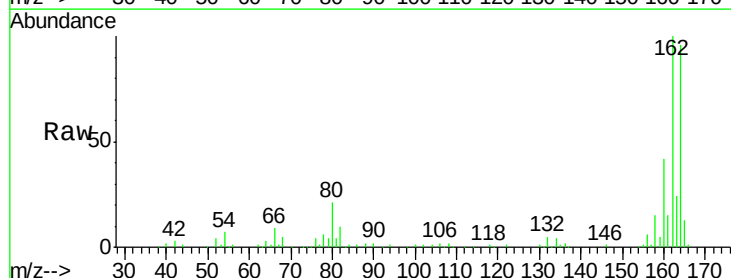


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

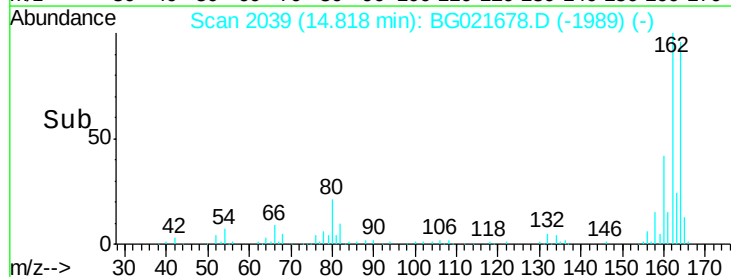
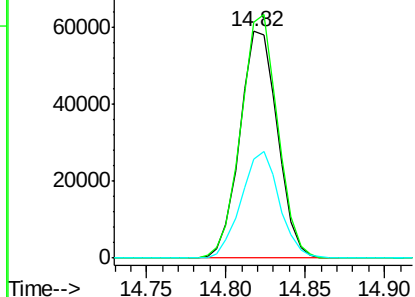


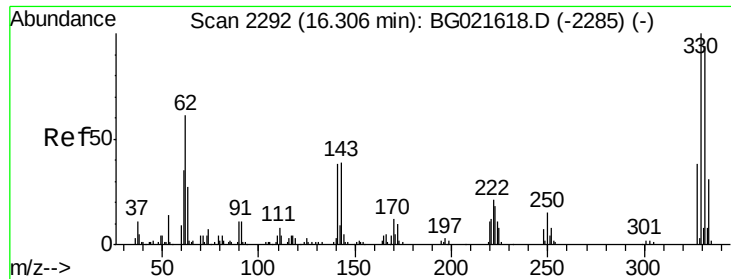
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BG021678.D
 Acq: 15 Apr 2016 8:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	78.0	117.0
160	43.7	32.9	49.3



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

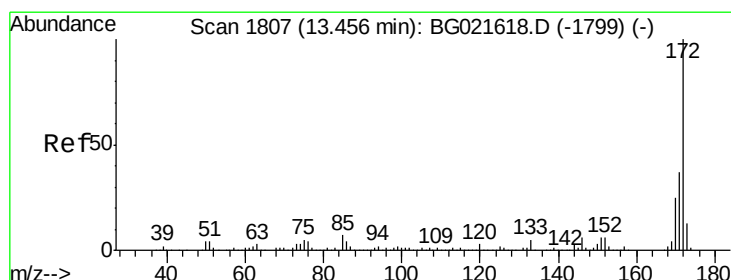
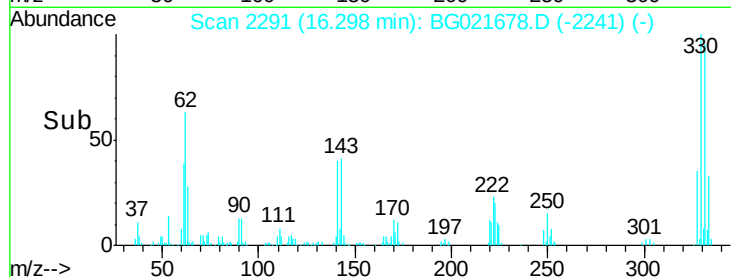
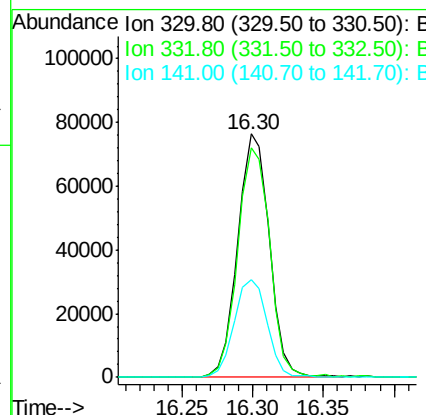
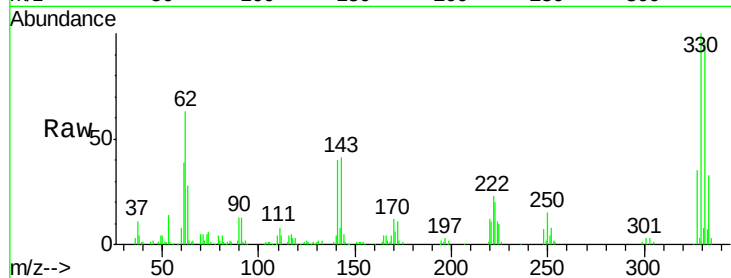




#41
 2,4,6-Tribromophenol
 Concen: 114.66 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG021678.D
 Acq: 15 Apr 2016 8:45

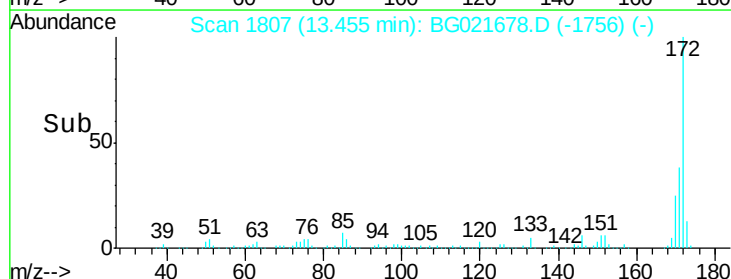
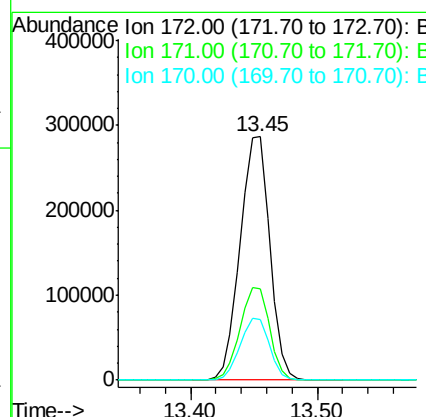
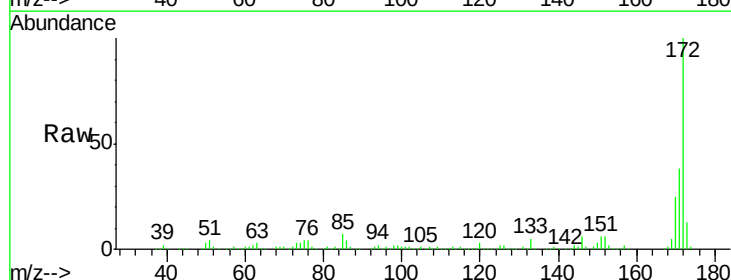
Instrument :
 BNA_G
 ClientSampleId :
 PB89734BL

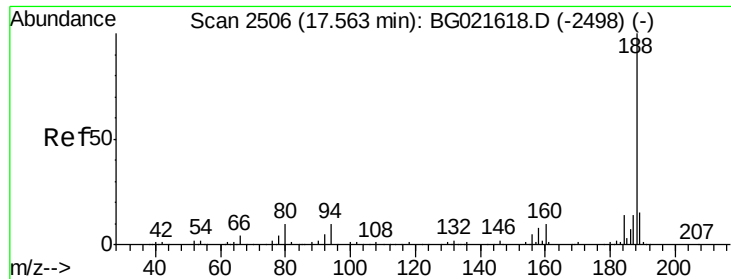
Tgt Ion:330 Resp: 119689
 Ion Ratio Lower Upper
 330 100
 332 95.7 78.0 117.0
 141 41.8 33.8 50.8



#44
 2-Fluorobiphenyl
 Concen: 70.18 ng
 RT: 13.45 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: BG021678.D
 Acq: 15 Apr 2016 8:45

Tgt Ion:172 Resp: 463927
 Ion Ratio Lower Upper
 172 100
 171 37.5 27.8 41.6
 170 24.6 19.6 29.4

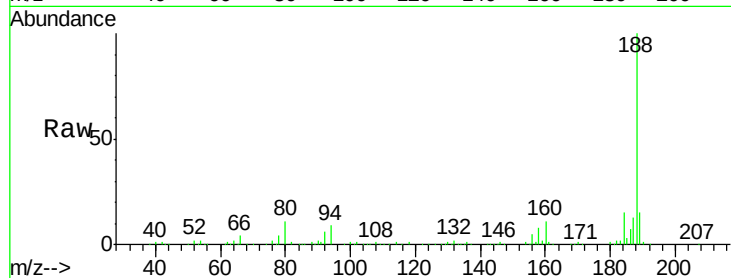




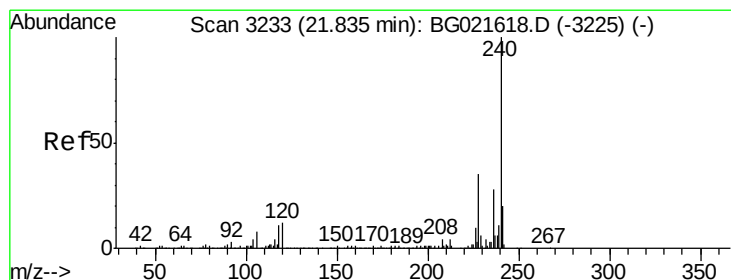
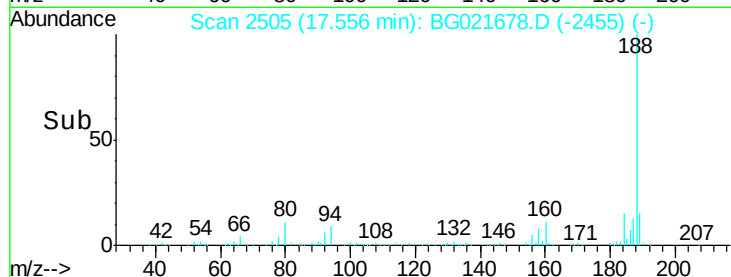
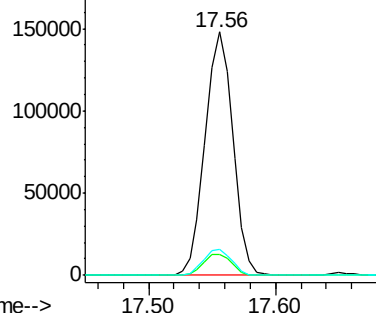
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BG021678.D
Acq: 15 Apr 2016 8:45

Instrument :
BNA_G
ClientSampleId :
PB89734BL

Tgt Ion:188 Resp: 224830
Ion Ratio Lower Upper
188 100
94 8.8 7.5 11.3
80 10.9 8.6 13.0

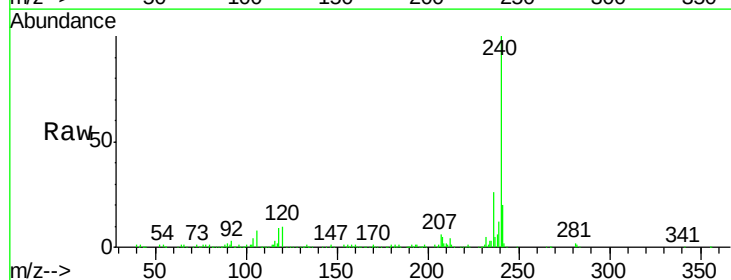


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

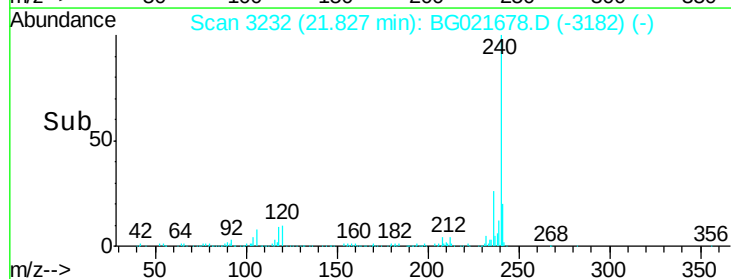
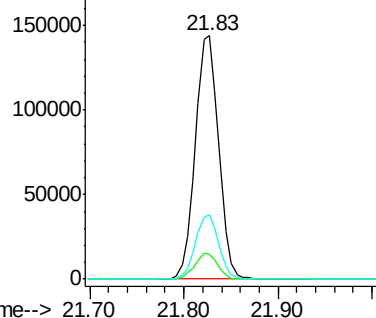


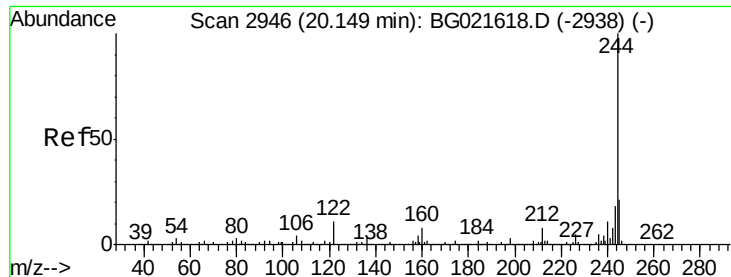
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG021678.D
Acq: 15 Apr 2016 8:45

Tgt Ion:240 Resp: 248227
Ion Ratio Lower Upper
240 100
120 10.3 8.4 12.6
236 26.2 19.6 29.4



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: 71.19 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG021678.D

Acq: 15 Apr 2016 8:45

Instrument :

BNA_G

ClientSampleId :

PB89734BL

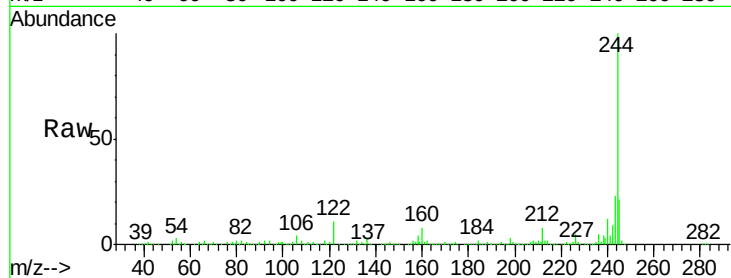
Tgt Ion:244 Resp: 708187

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

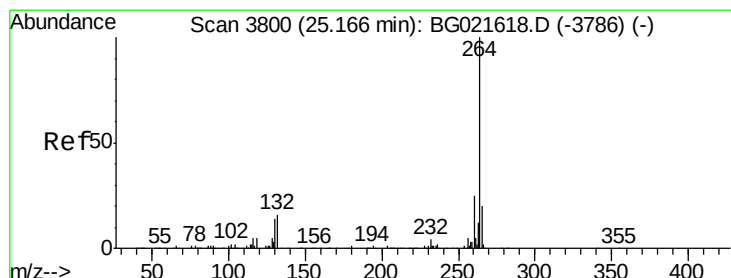
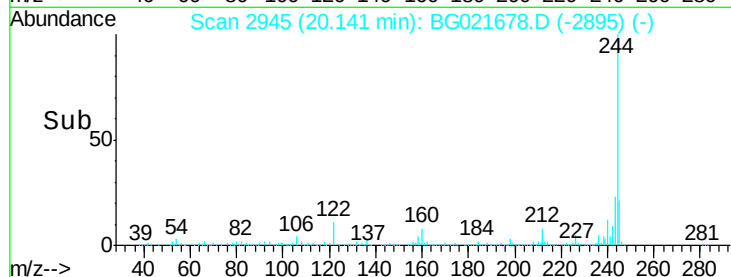
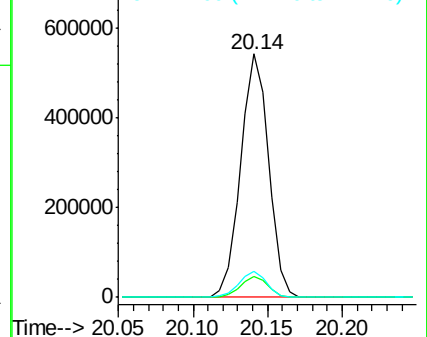
122 10.9 8.6 12.8



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: 25.15 min Scan# 3798

Delta R.T. -0.01 min

Lab File: BG021678.D

Acq: 15 Apr 2016 8:45

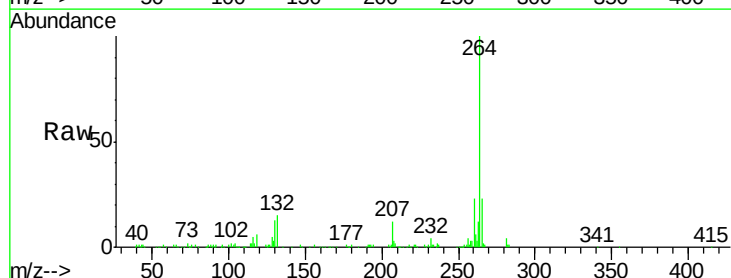
Tgt Ion:264 Resp: 237762

Ion Ratio Lower Upper

264 100

260 23.4 20.2 30.4

265 23.4 17.8 26.8



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

