

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
 Data File : BG021673.D
 Acq On : 15 Apr 2016 4:29
 Operator : UM/SJ
 Sample : PB89725BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB89725BL

Quant Time: Apr 15 05:39:44 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	8.21	152	27762	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	130839	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	92766	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	218022	20.00	ng	0.00
75) Chrysene-d12	21.83	240	240115	20.00	ng	0.00
86) Perylene-d12	25.16	264	232034	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	238135	142.84	ng	0.01
7) Phenol-d6	7.37	99	355325	142.69	ng	0.01
23) Nitrobenzene-d5	9.38	82	205268	80.64	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	141214	141.24	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	514029	81.19	ng	0.00
78) Terphenyl-d14	20.14	244	781874	81.25	ng	0.00

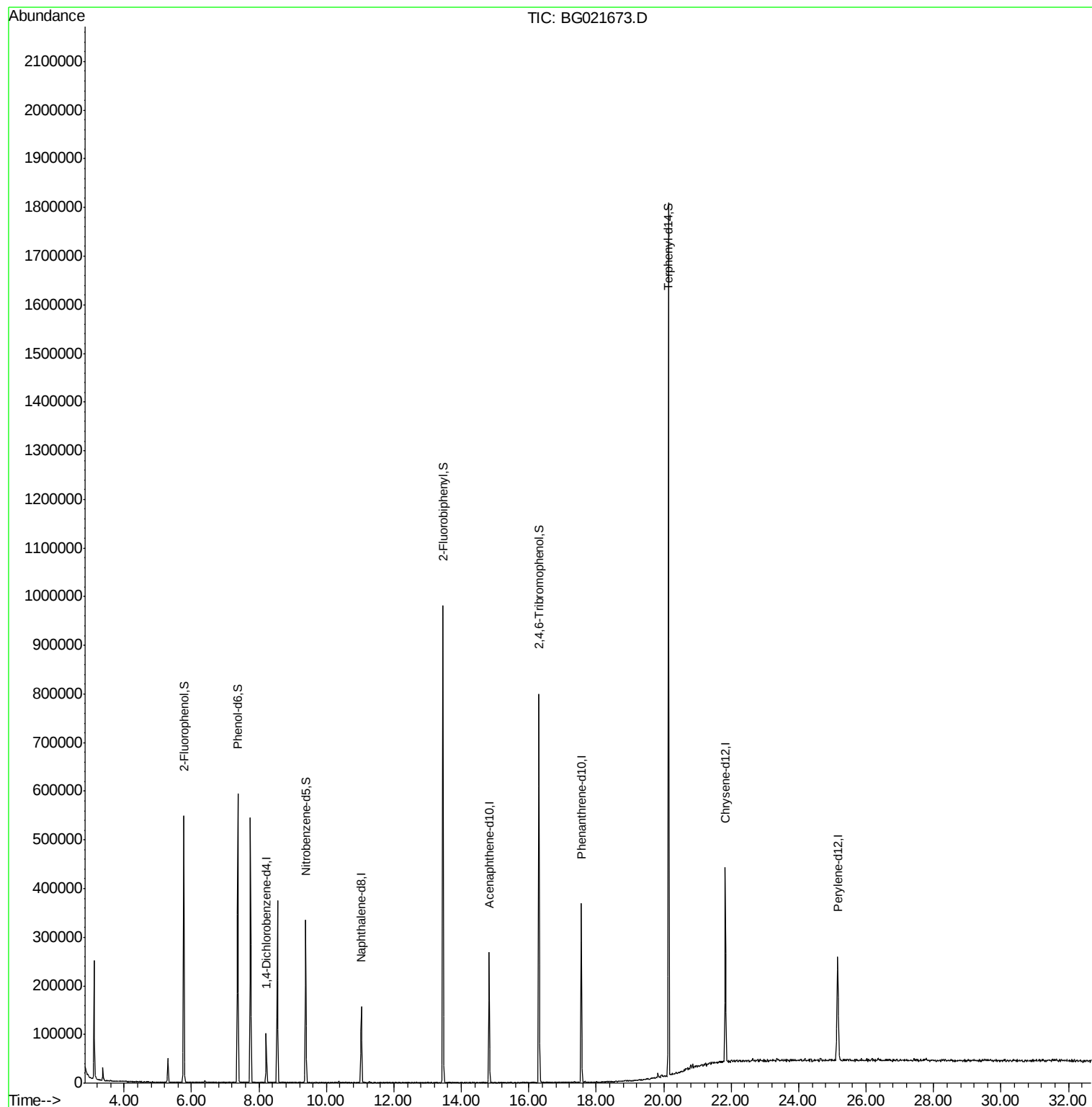
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG021673.D

Acq: 15 Apr 2016 4:29

Instrument :

BNA_G

ClientSampleId :

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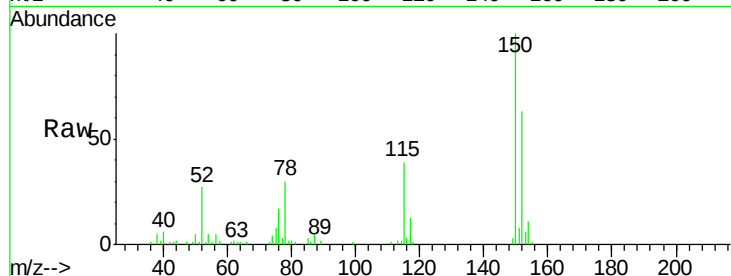
Tgt Ion:152 Resp: 27762

Ion Ratio Lower Upper

152 100

150 158.0 130.1 195.1

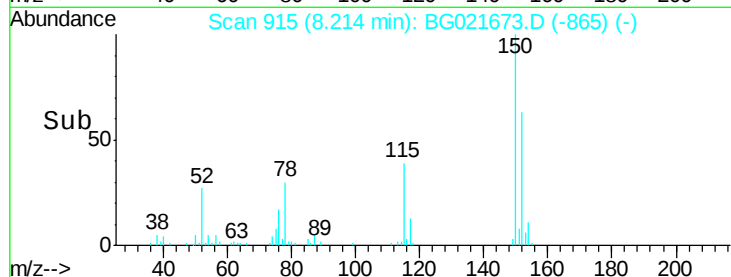
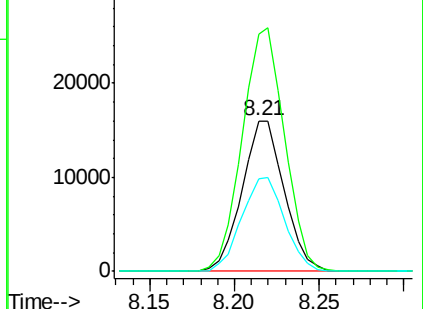
115 61.2 62.2 93.2#



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: 142.84 ng

RT: 5.77 min Scan# 499

Delta R.T. 0.01 min

Lab File: BG021673.D

Acq: 15 Apr 2016 4:29

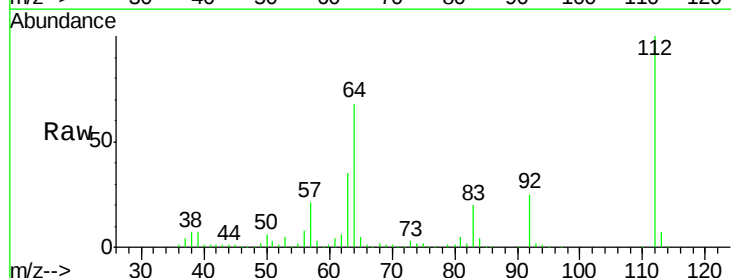
Tgt Ion:112 Resp: 238135

Ion Ratio Lower Upper

112 100

64 68.3 51.1 76.7

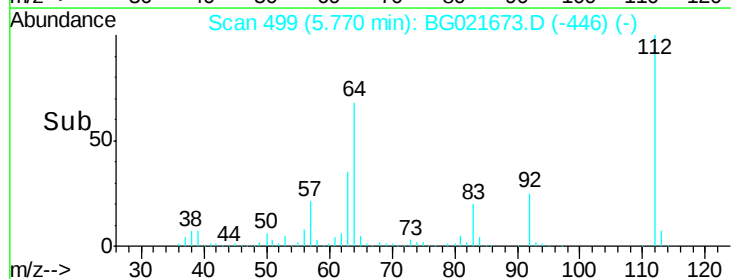
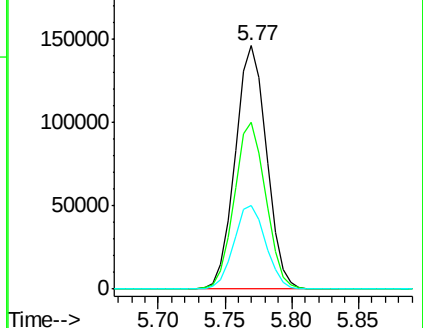
63 34.5 24.6 37.0

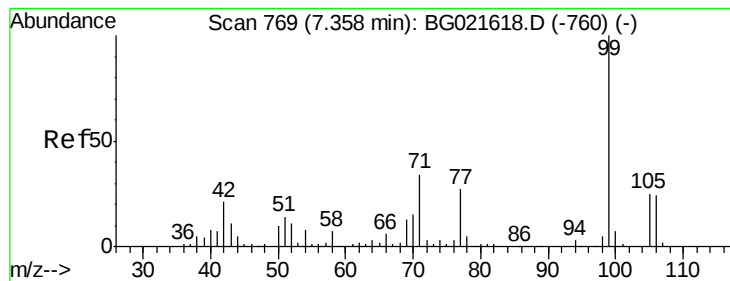


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 142.69 ng

RT: 7.37 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG021673.D

Acq: 15 Apr 2016 4:29

Instrument :

BNA_G

ClientSampleId :

PB89725BL

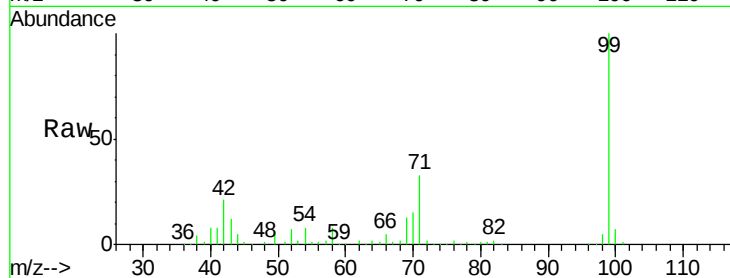
Tgt Ion: 99 Resp: 355325

Ion Ratio Lower Upper

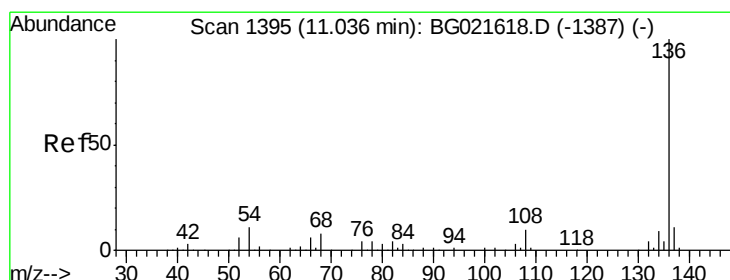
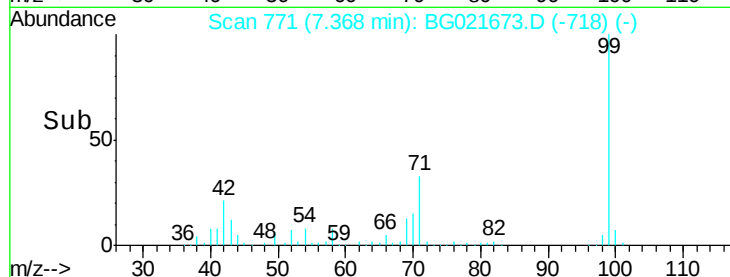
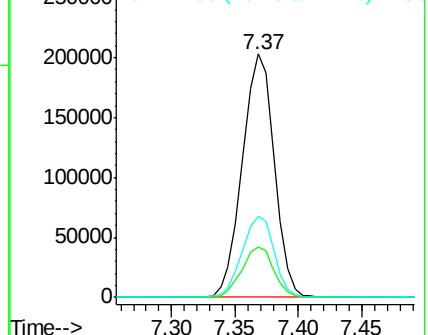
99 100

42 20.6 16.4 24.6

71 33.2 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: BG021673.D

Acq: 15 Apr 2016 4:29

Tgt Ion: 136 Resp: 130839

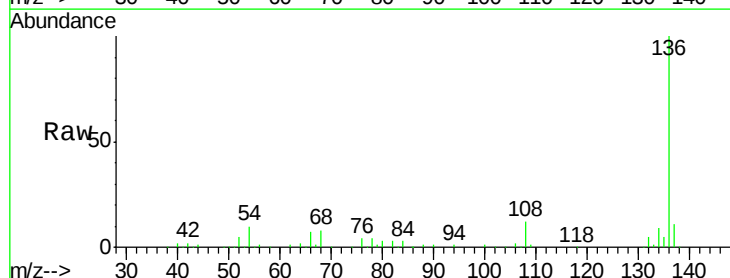
Ion Ratio Lower Upper

136 100

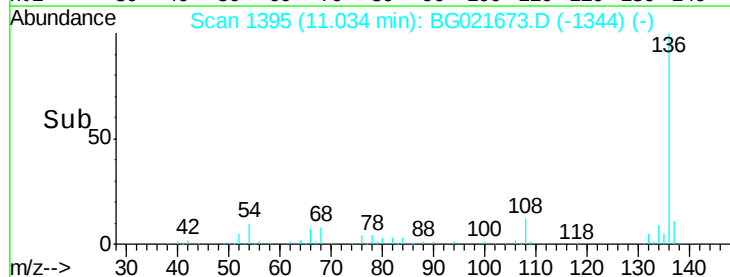
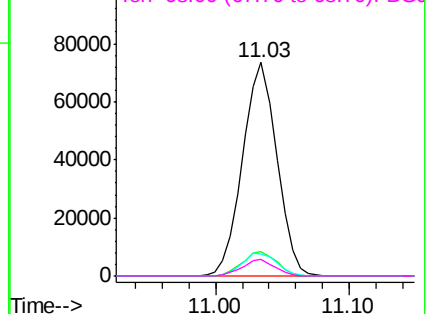
137 11.3 9.0 13.4

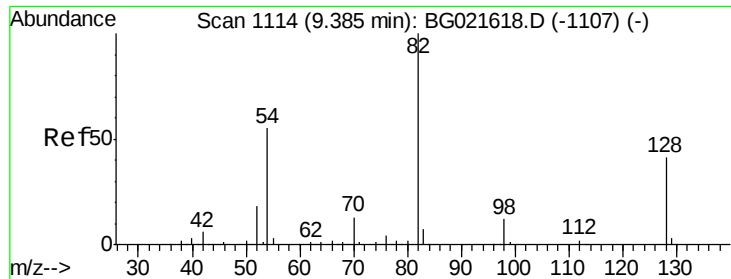
54 10.5 9.6 14.4

68 7.6 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

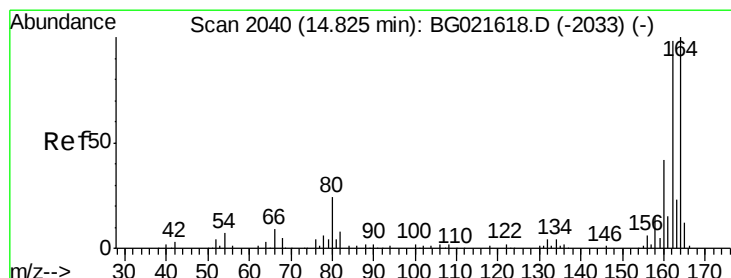
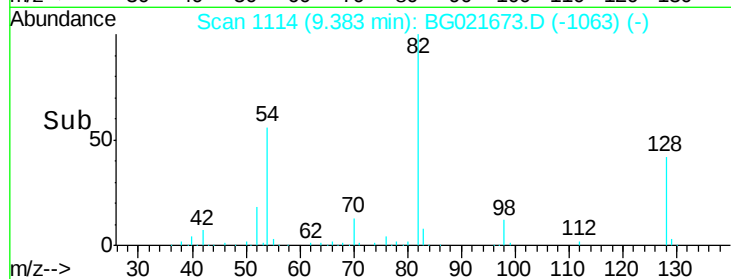
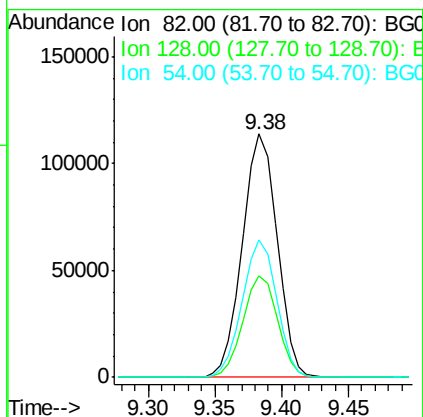
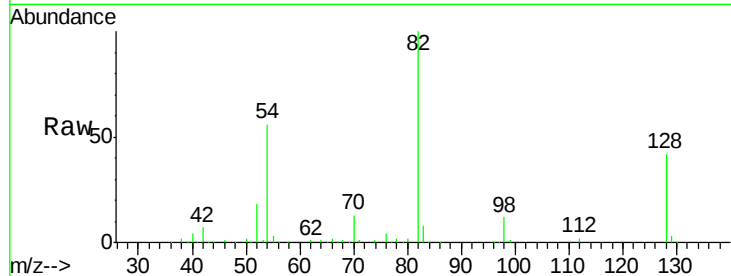




#23
 Nitrobenzene-d5
 Concen: 80.64 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG021673.D
 Acq: 15 Apr 2016 4:29

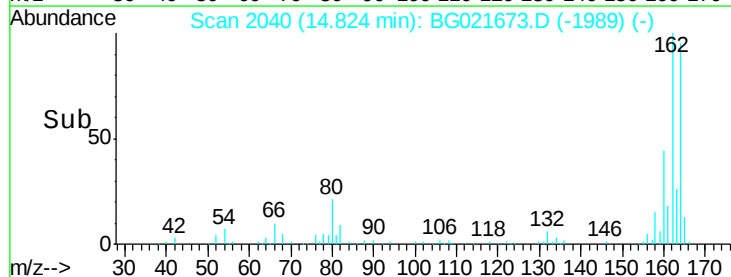
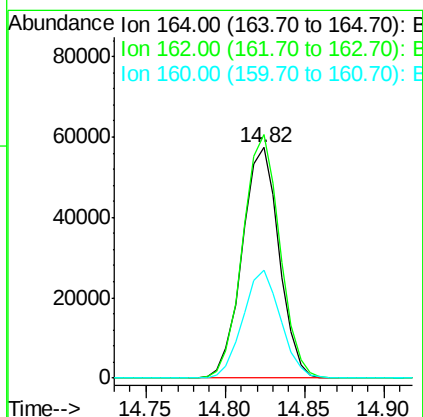
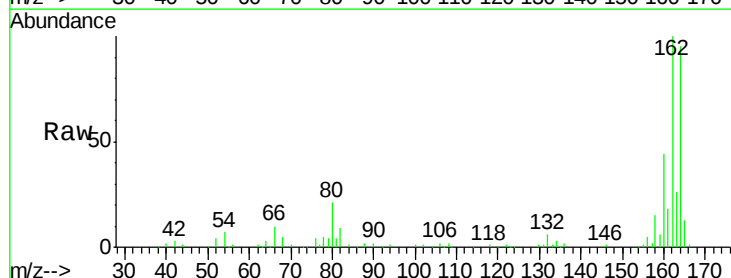
Instrument :
 BNA_G
 ClientSampleId :
 PB89725BL

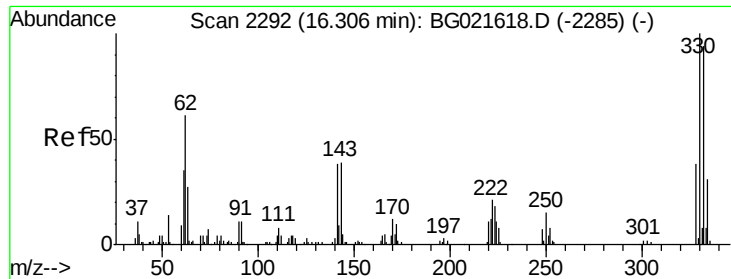
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.4	50.0
54	56.2	46.1	69.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG021673.D
 Acq: 15 Apr 2016 4:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	78.0	117.0
160	46.9	32.9	49.3

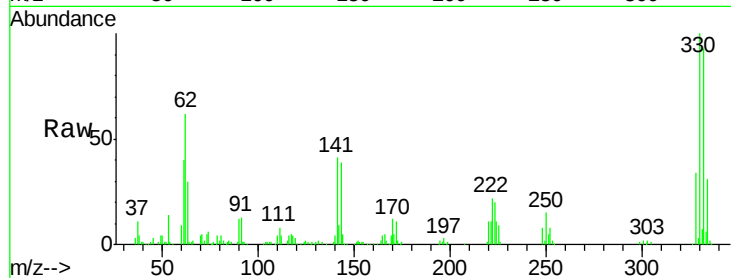




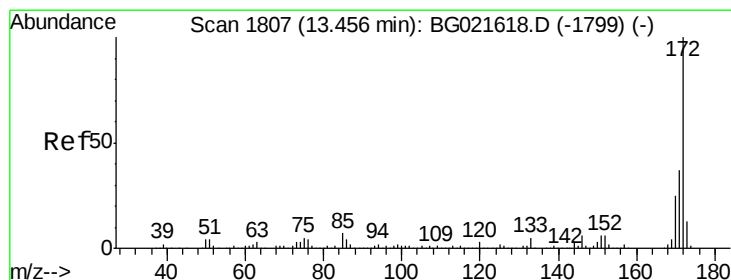
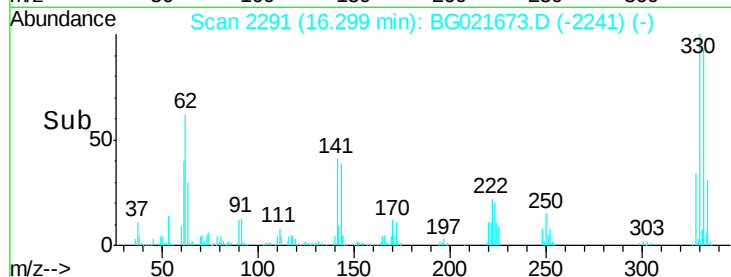
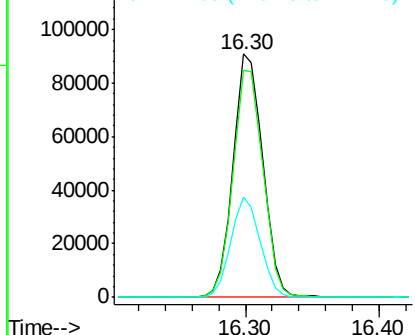
#41
 2,4,6-Tribromophenol
 Concen: 141.24 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG021673.D
 Acq: 15 Apr 2016 4:29

Instrument :
 BNA_G
 ClientSampleId :
 PB89725BL

Tgt Ion: 330 Resp: 141214
 Ion Ratio Lower Upper
 330 100
 332 94.7 78.0 117.0
 141 40.9 33.8 50.8

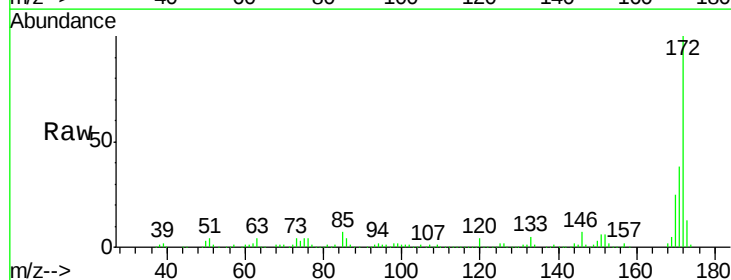


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

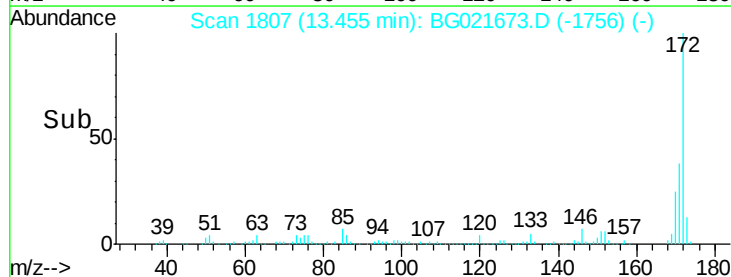
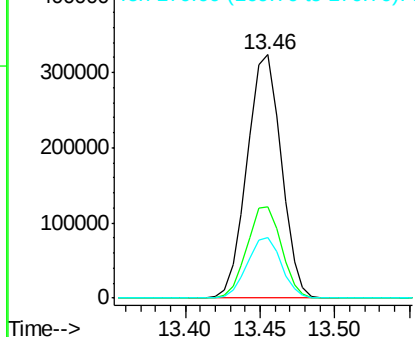


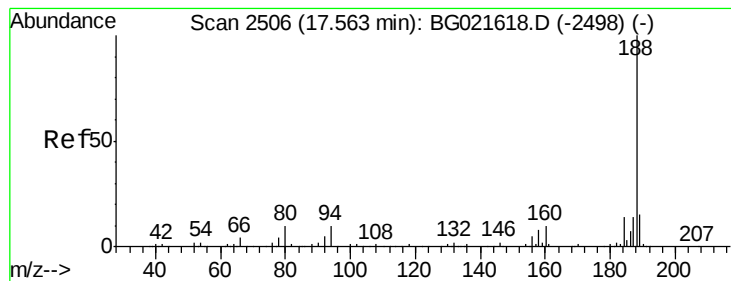
#44
 2-Fluorobiphenyl
 Concen: 81.19 ng
 RT: 13.46 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: BG021673.D
 Acq: 15 Apr 2016 4:29

Tgt Ion: 172 Resp: 514029
 Ion Ratio Lower Upper
 172 100
 171 37.5 27.8 41.6
 170 25.1 19.6 29.4



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BG021673.D

Acq: 15 Apr 2016 4:29

Instrument :

BNA_G

ClientSampleId :

PB89725BL

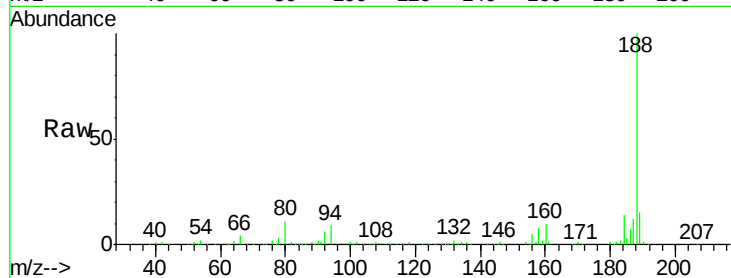
Tgt Ion:188 Resp: 218022

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

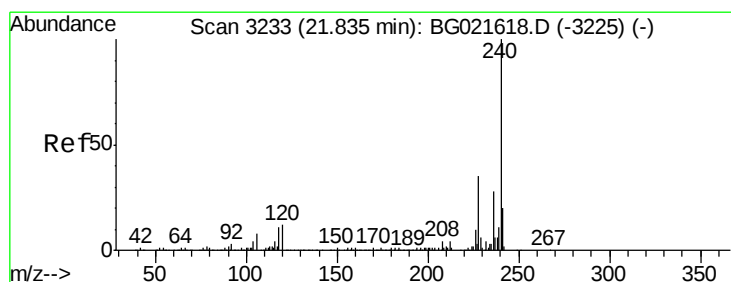
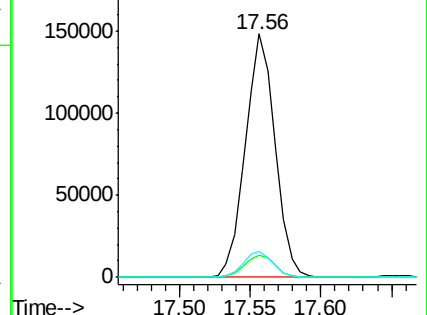
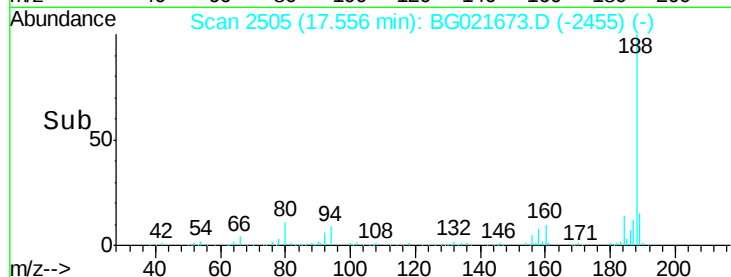
80 10.8 8.6 13.0



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: BG021673.D

Acq: 15 Apr 2016 4:29

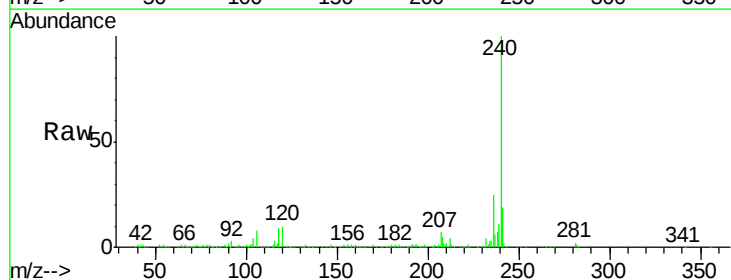
Tgt Ion:240 Resp: 240115

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

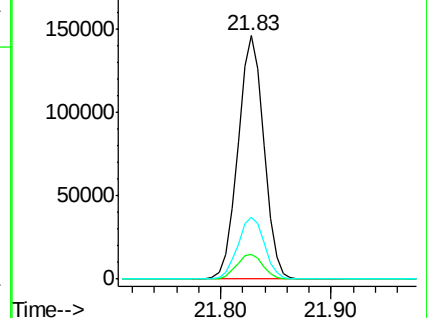
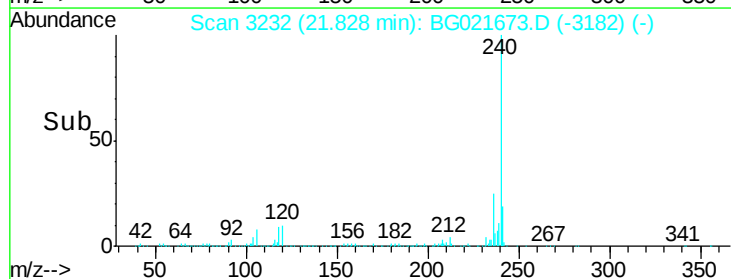
236 25.4 19.6 29.4

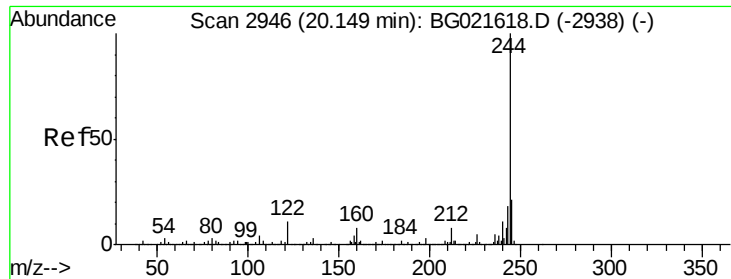


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

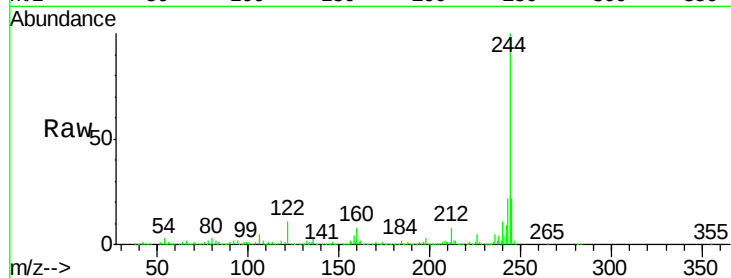




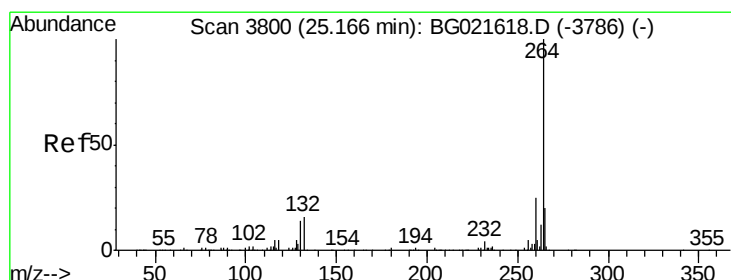
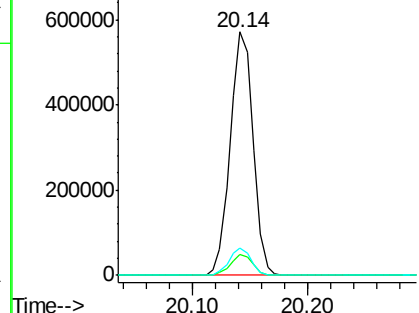
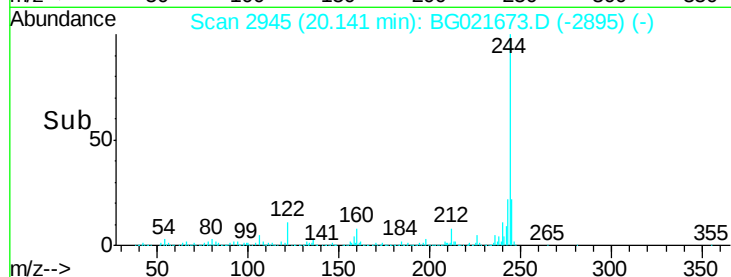
#78
 Terphenyl-d14
 Concen: 81.25 ng
 RT: 20.14 min Scan# 2945
 Delta R.T. -0.01 min
 Lab File: BG021673.D
 Acq: 15 Apr 2016 4:29

Instrument :
 BNA_G
 ClientSampleId :
 PB89725BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	11.2	8.6	12.8

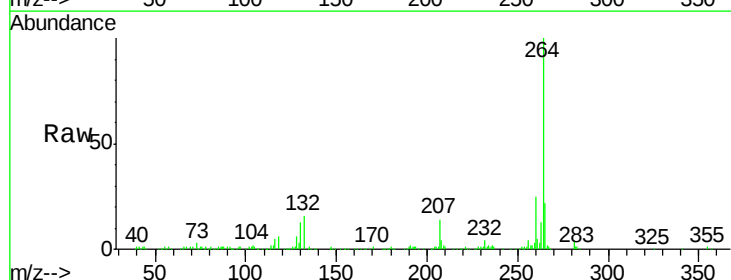


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.16 min Scan# 3799
 Delta R.T. -0.01 min
 Lab File: BG021673.D
 Acq: 15 Apr 2016 4:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.2	30.4
265	21.7	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

