

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
 Data File : BG021661.D
 Acq On : 14 Apr 2016 20:34
 Operator : UM/SJ
 Sample : PB89775BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB89775BL

Quant Time: Apr 15 00:54:55 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	28321	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	124876	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	85629	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	216919	20.00	ng	0.00
75) Chrysene-d12	21.83	240	252470	20.00	ng	0.00
86) Perylene-d12	25.15	264	238893	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	236909	139.30	ng	0.00
7) Phenol-d6	7.36	99	343296	135.14	ng	0.00
23) Nitrobenzene-d5	9.38	82	198848	81.85	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	136543	147.96	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	482829	82.62	ng	0.00
78) Terphenyl-d14	20.14	244	823263	81.36	ng	0.00

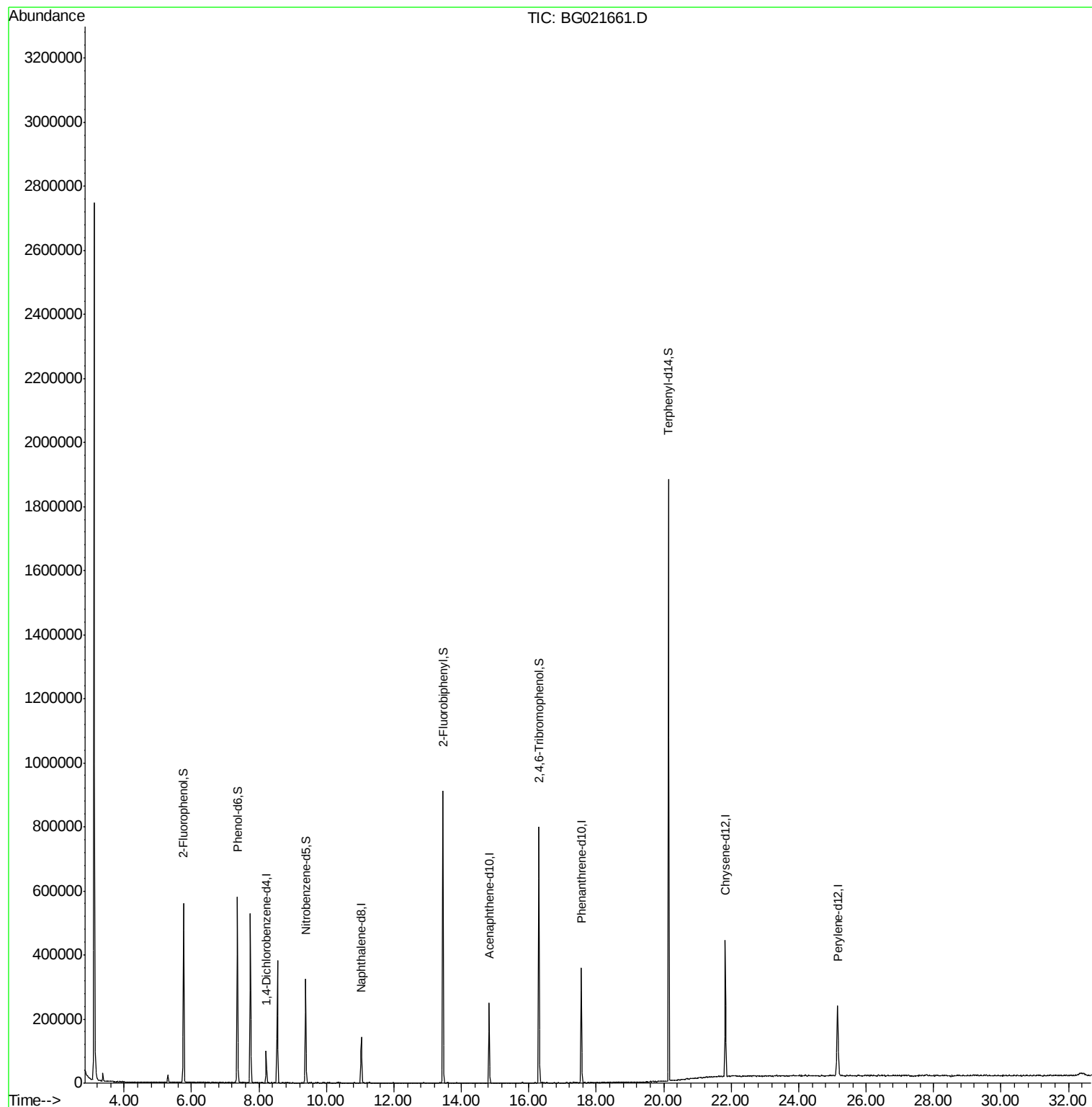
Target Compounds	Qvalue
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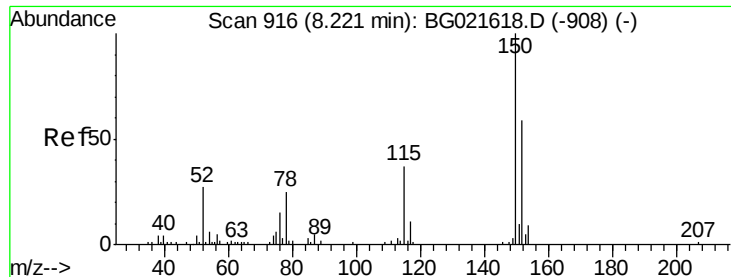
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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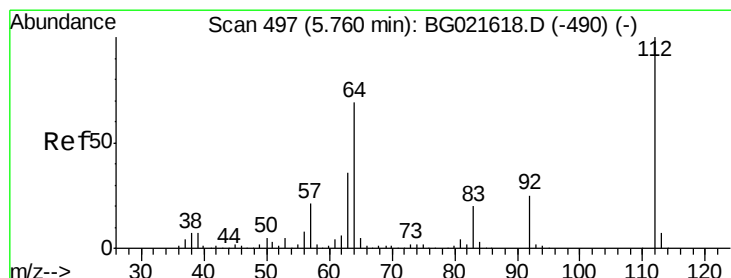
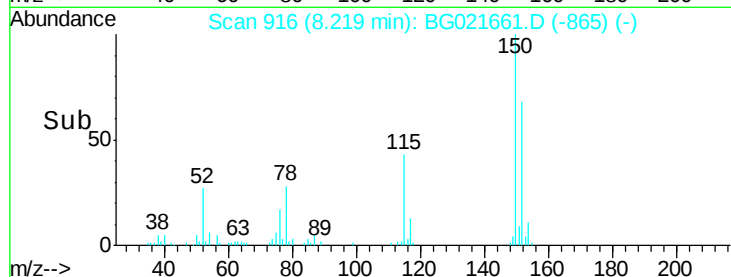
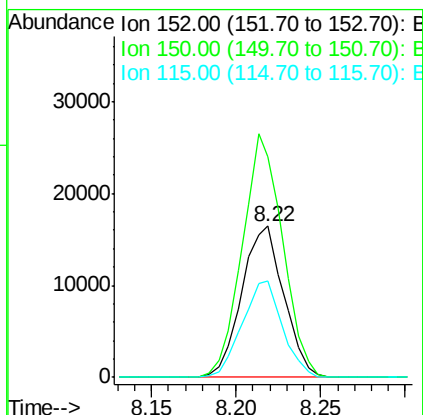
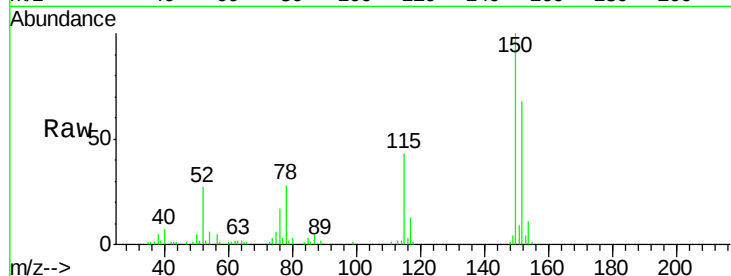


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.22 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG021661.D
Acq: 14 Apr 2016 20:34

Instrument :
BNA_G
ClientSampleId :
PB89775BL

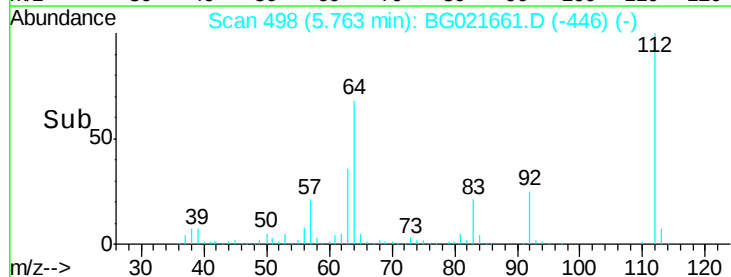
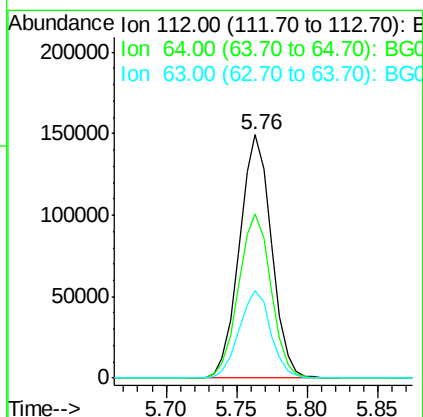
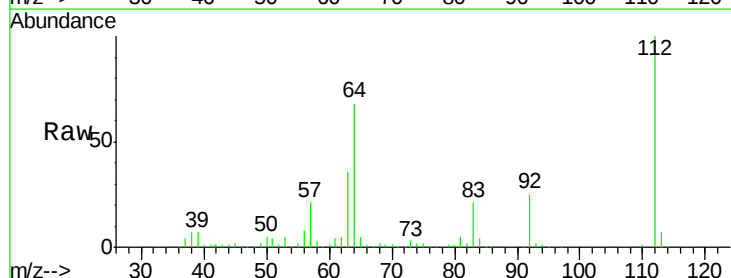
Tgt Ion:152 Resp: 28321
Ion Ratio Lower Upper
152 100
150 146.5 130.1 195.1
115 63.5 62.2 93.2

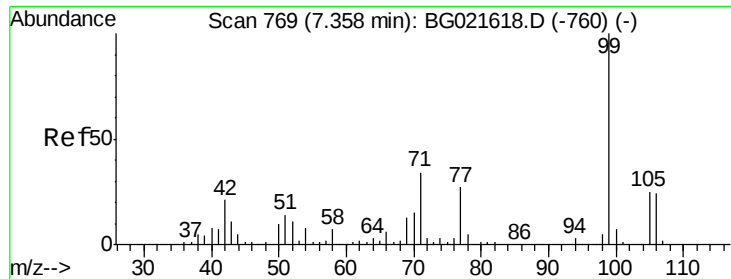


#5

2-Fluorophenol
Concen: 139.30 ng
RT: 5.76 min Scan# 498
Delta R.T. 0.00 min
Lab File: BG021661.D
Acq: 14 Apr 2016 20:34

Tgt Ion:112 Resp: 236909
Ion Ratio Lower Upper
112 100
64 67.5 51.1 76.7
63 35.9 24.6 37.0





#7

Phenol-d6

Concen: 135.14 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG021661.D

Acq: 14 Apr 2016 20:34

Instrument :

BNA_G

ClientSampleId :

PB89775BL

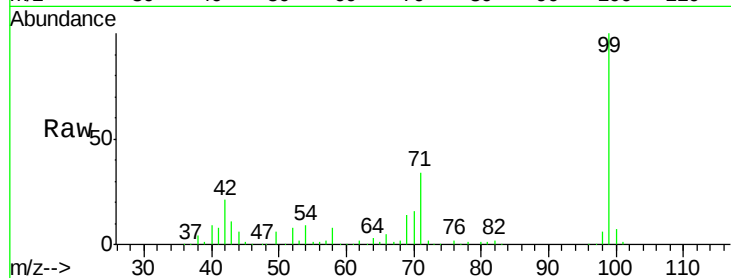
Tgt Ion: 99 Resp: 343296

Ion Ratio Lower Upper

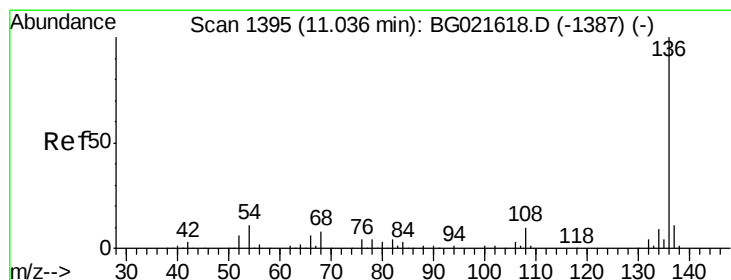
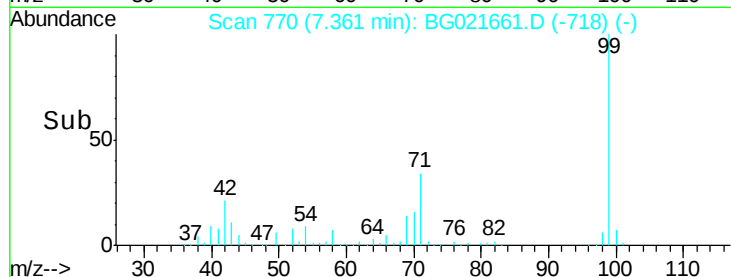
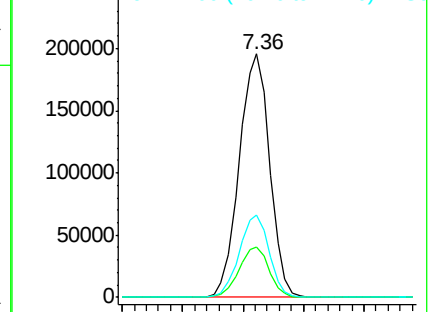
99 100

42 20.7 16.4 24.6

71 34.1 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: BG021661.D

Acq: 14 Apr 2016 20:34

Tgt Ion: 136 Resp: 124876

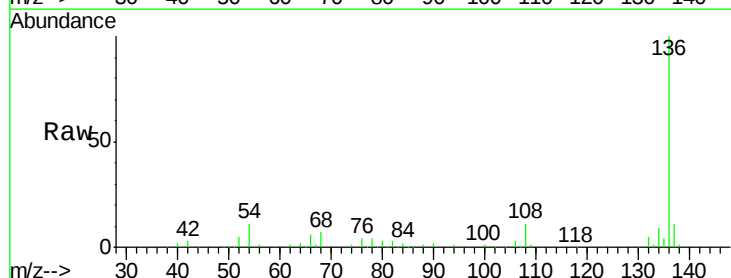
Ion Ratio Lower Upper

136 100

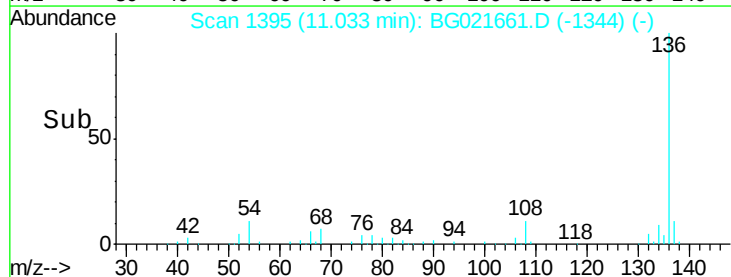
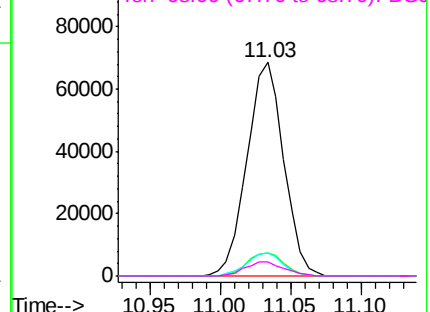
137 10.6 9.0 13.4

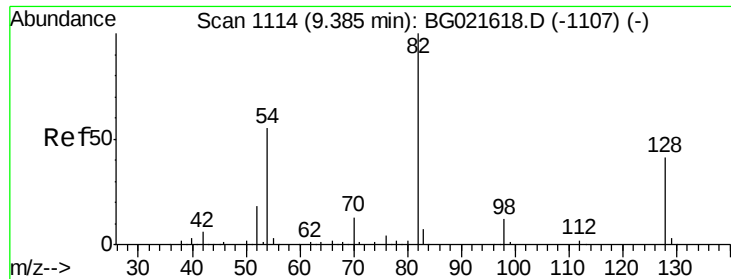
54 10.6 9.6 14.4

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

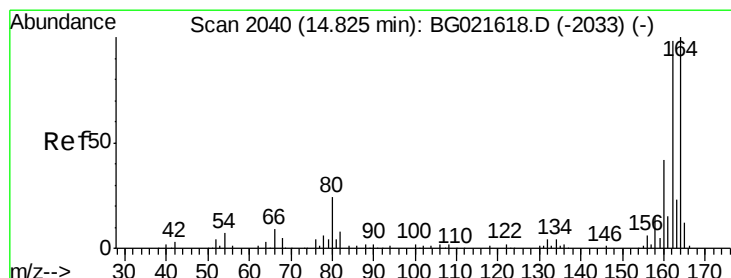
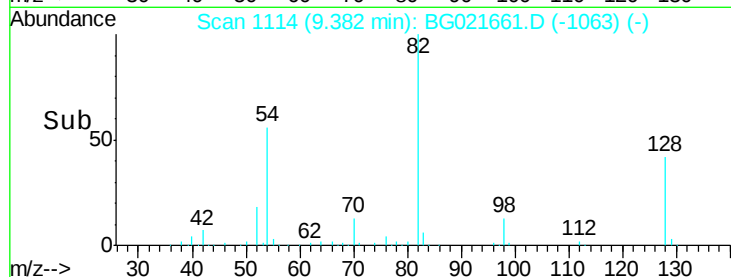
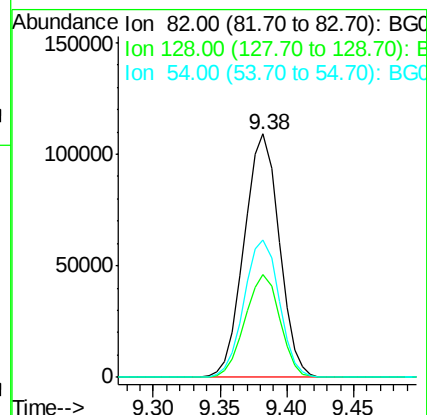
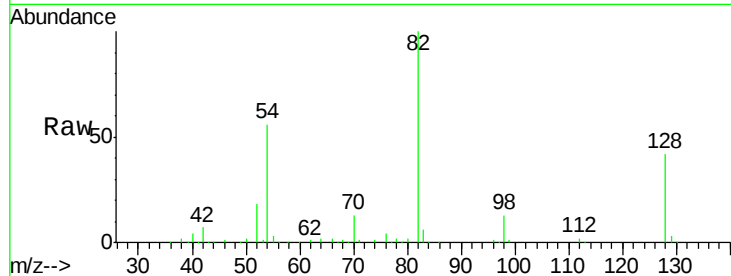




#23
 Nitrobenzene-d5
 Concen: 81.85 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG021661.D
 Acq: 14 Apr 2016 20:34

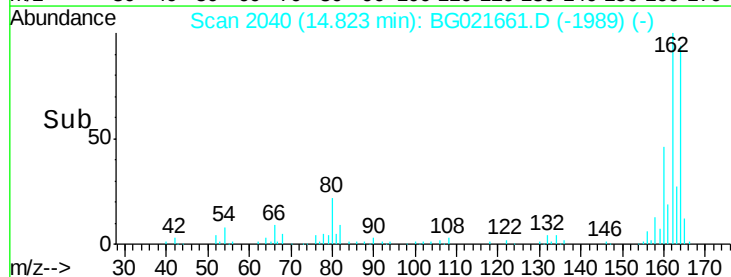
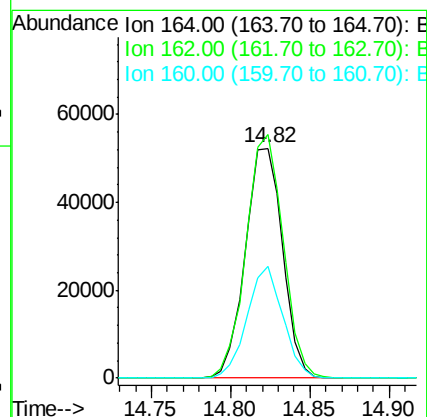
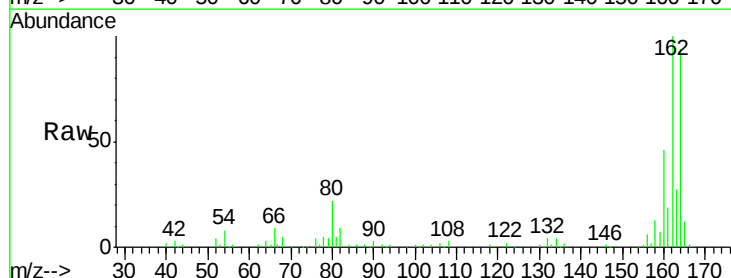
Instrument :
 BNA_G
 ClientSampleId :
 PB89775BL

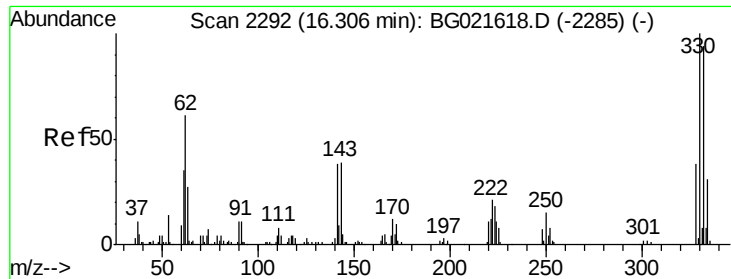
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.4	50.0
54	56.2	46.1	69.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG021661.D
 Acq: 14 Apr 2016 20:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	78.0	117.0
160	49.0	32.9	49.3

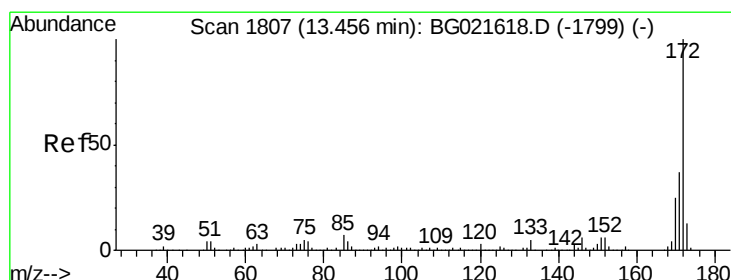
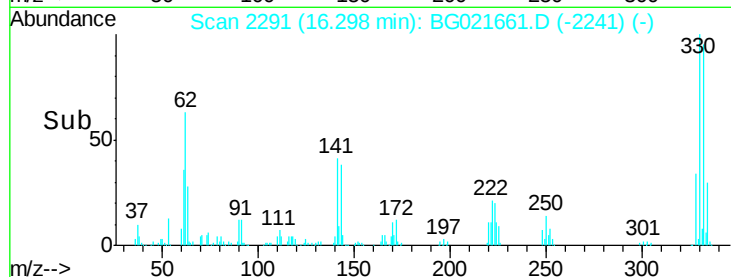
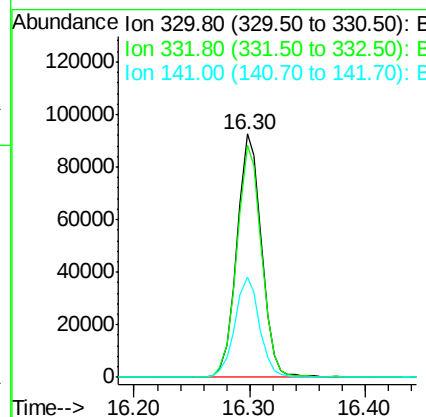
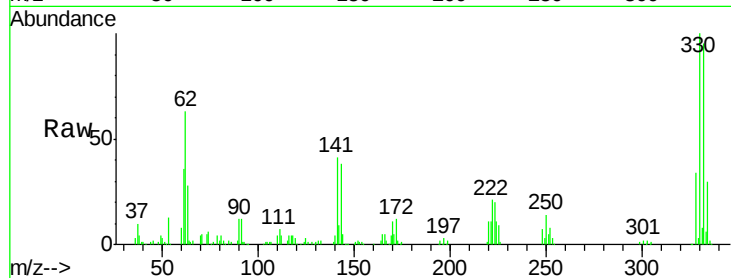




#41
 2,4,6-Tribromophenol
 Concen: 147.96 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG021661.D
 Acq: 14 Apr 2016 20:34

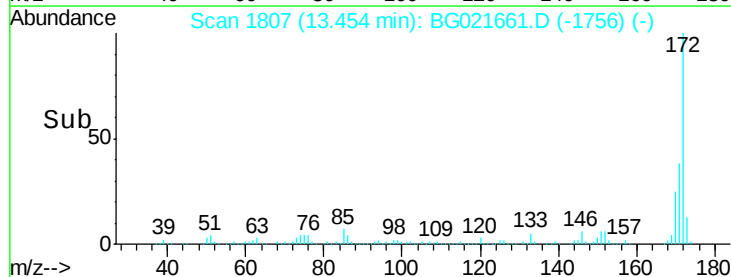
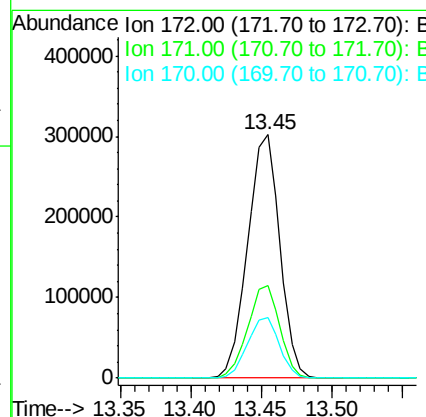
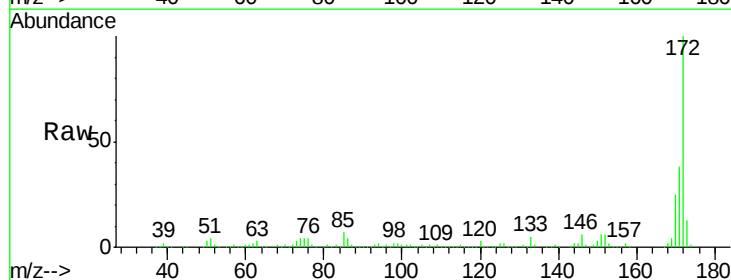
Instrument :
 BNA_G
 ClientSampleId :
 PB89775BL

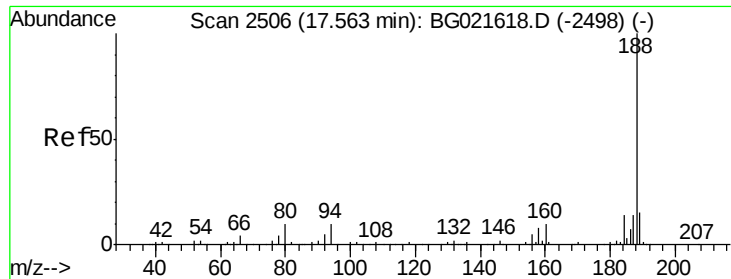
Tgt Ion:330 Resp: 136543
 Ion Ratio Lower Upper
 330 100
 332 95.6 78.0 117.0
 141 41.3 33.8 50.8



#44
 2-Fluorobiphenyl
 Concen: 82.62 ng
 RT: 13.45 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: BG021661.D
 Acq: 14 Apr 2016 20:34

Tgt Ion:172 Resp: 482829
 Ion Ratio Lower Upper
 172 100
 171 37.9 27.8 41.6
 170 25.1 19.6 29.4

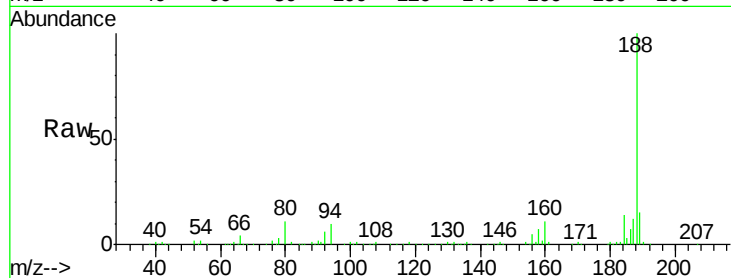




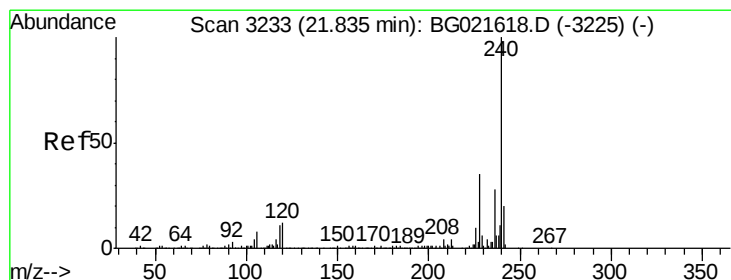
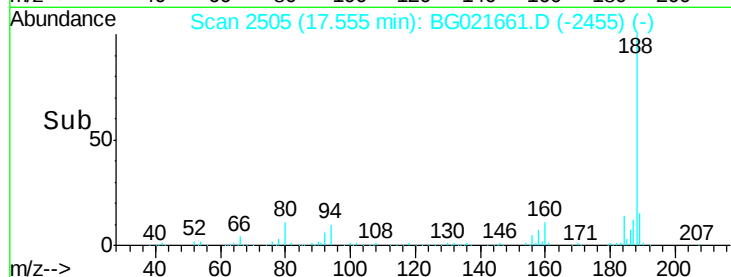
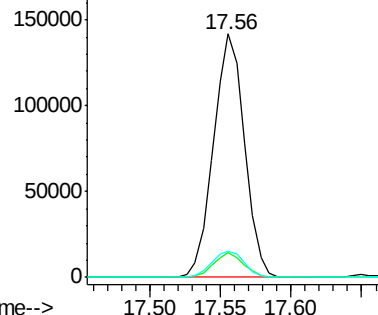
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BG021661.D
Acq: 14 Apr 2016 20:34

Instrument :
BNA_G
ClientSampleId :
PB89775BL

Tgt Ion:188 Resp: 216919
Ion Ratio Lower Upper
188 100
94 10.1 7.5 11.3
80 10.9 8.6 13.0

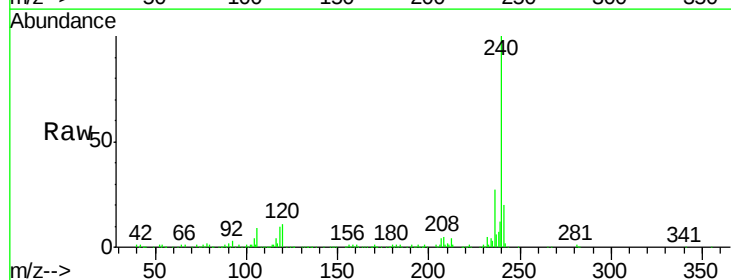


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

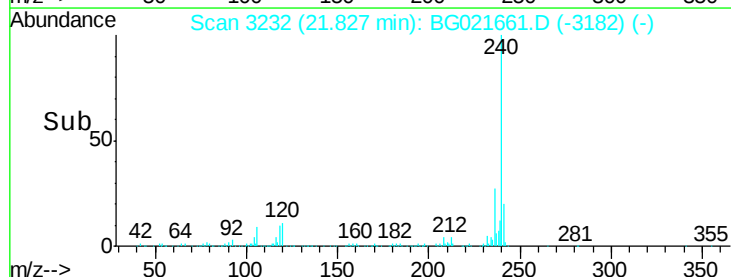
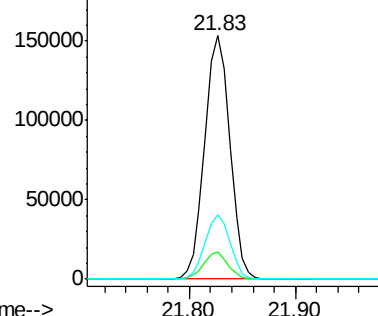


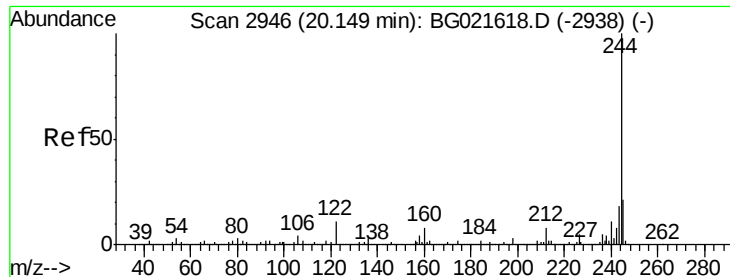
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG021661.D
Acq: 14 Apr 2016 20:34

Tgt Ion:240 Resp: 252470
Ion Ratio Lower Upper
240 100
120 11.1 8.4 12.6
236 26.5 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: 81.36 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG021661.D

Acq: 14 Apr 2016 20:34

Instrument :

BNA_G

ClientSampleId :

PB89775BL

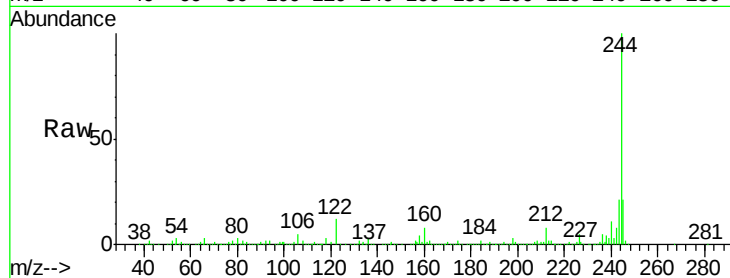
Tgt Ion:244 Resp: 823263

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

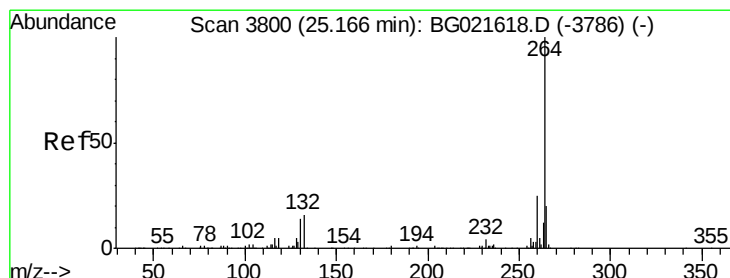
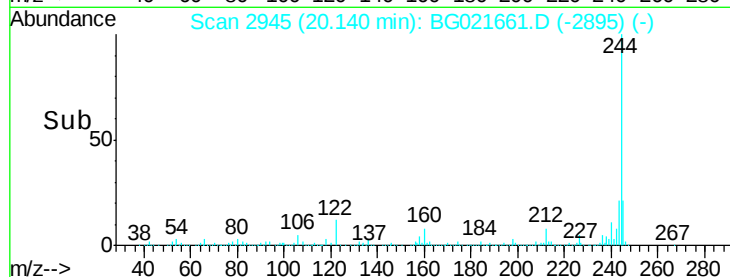
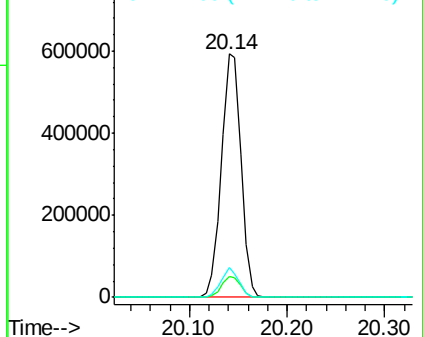
122 12.0 8.6 12.8



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: BG021661.D

Acq: 14 Apr 2016 20:34

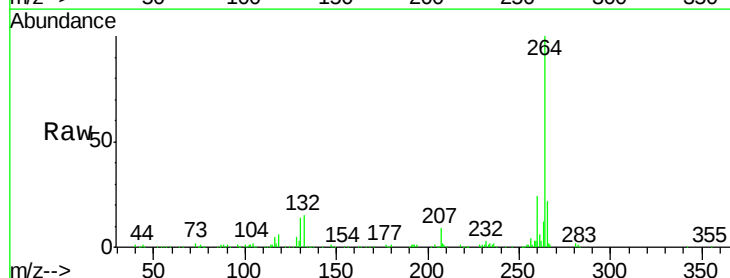
Tgt Ion:264 Resp: 238893

Ion Ratio Lower Upper

264 100

260 23.9 20.2 30.4

265 22.0 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

