

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
 Data File : BG021671.D
 Acq On : 15 Apr 2016 3:10
 Operator : UM/SJ
 Sample : H2517-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0571

Quant Time: Apr 15 04:04:21 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

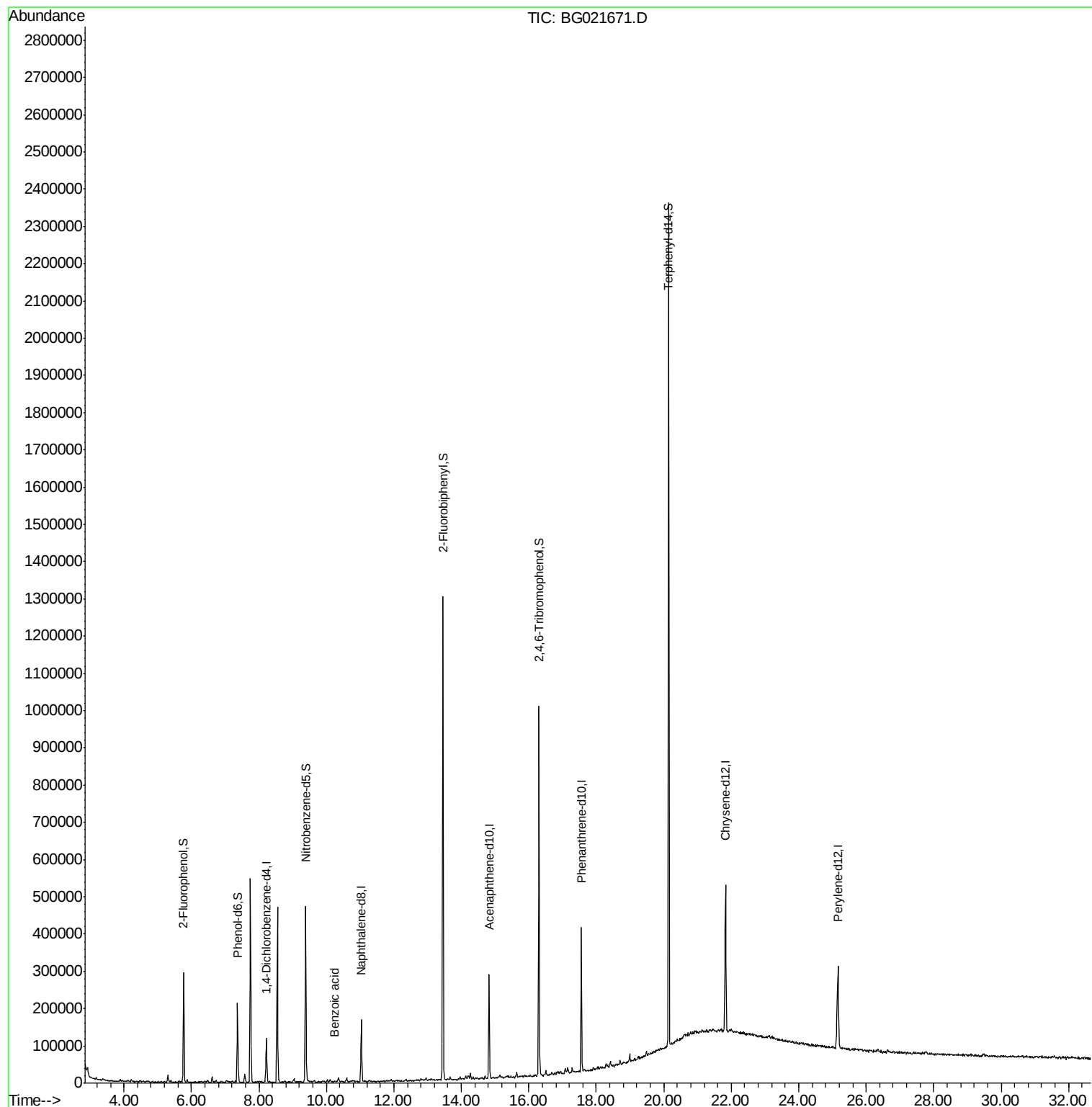
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	29842	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	145050	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	99511	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	223827	20.00	ng	0.00
75) Chrysene-d12	21.83	240	242964	20.00	ng	0.00
86) Perylene-d12	25.16	264	230885	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	124973	69.74	ng	0.00
7) Phenol-d6	7.36	99	128791	48.11	ng	0.00
23) Nitrobenzene-d5	9.39	82	288476	102.22	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	171778	160.17	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	684990	100.86	ng	0.00
78) Terphenyl-d14	20.14	244	921021	94.59	ng	0.00
Target Compounds						
32) Benzoic acid	10.23	122	73	4.32	ng	Qvalue # 68

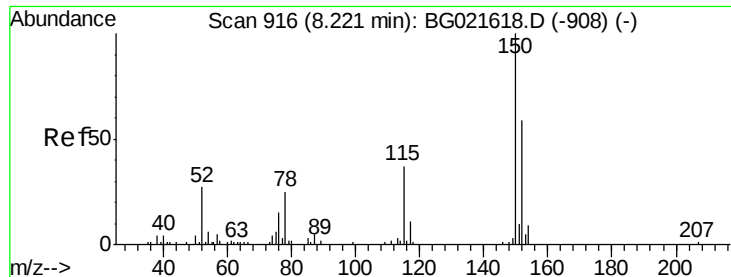
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.22 min Scan# 915

Delta R.T. -0.00 min

Lab File: BG021671.D

Acq: 15 Apr 2016 3:10

Instrument :

BNA_G

ClientSampleId :

S8-0571

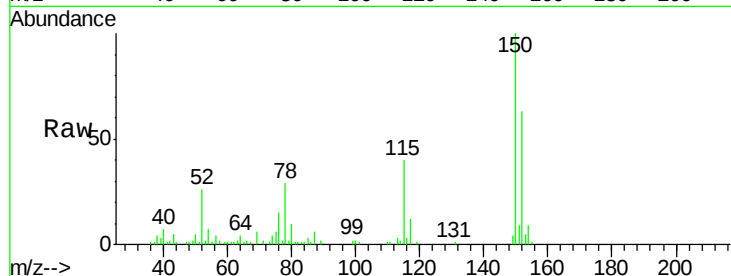
Tgt Ion:152 Resp: 29842

Ion Ratio Lower Upper

152 100

150 158.0 130.1 195.1

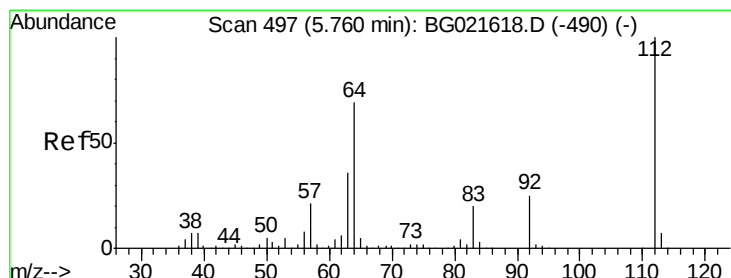
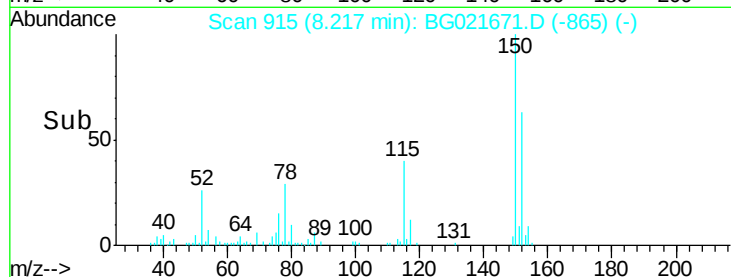
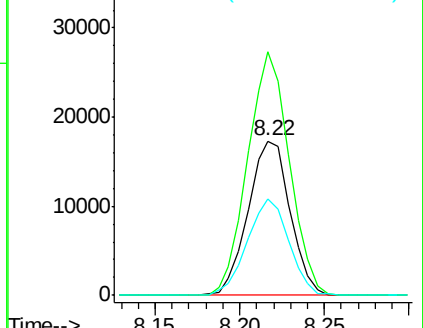
115 62.9 62.2 93.2



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: 69.74 ng

RT: 5.77 min Scan# 498

Delta R.T. 0.01 min

Lab File: BG021671.D

Acq: 15 Apr 2016 3:10

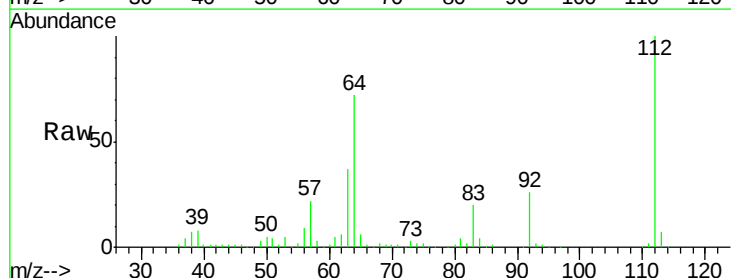
Tgt Ion:112 Resp: 124973

Ion Ratio Lower Upper

112 100

64 71.6 51.1 76.7

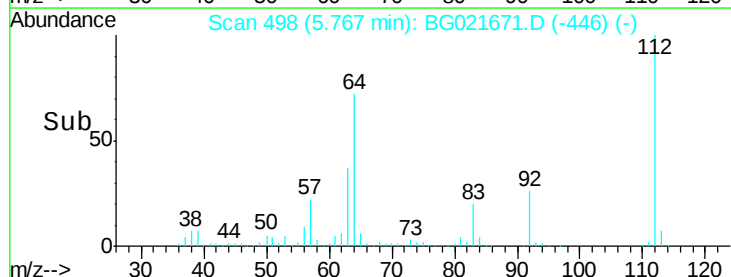
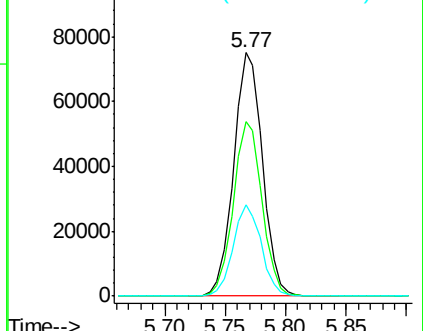
63 37.5 24.6 37.0#

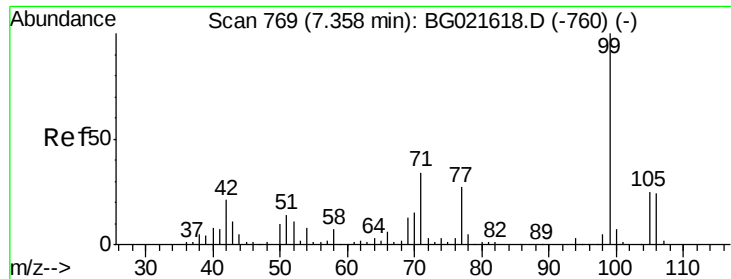


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 48.11 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.01 min

Lab File: BG021671.D

Acq: 15 Apr 2016 3:10

Instrument :

BNA_G

ClientSampleId :

S8-0571

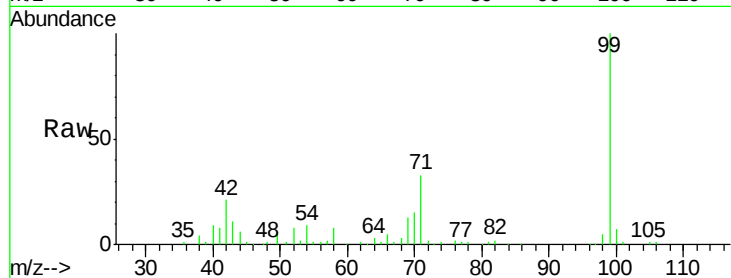
Tgt Ion: 99 Resp: 128791

Ion Ratio Lower Upper

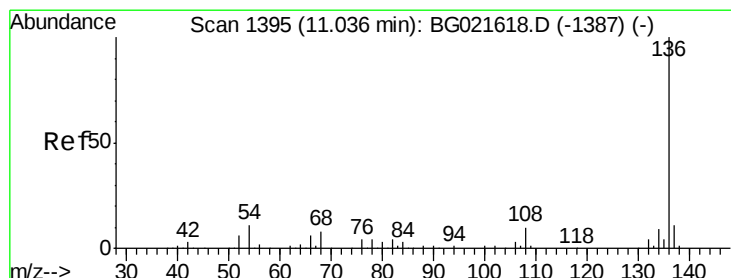
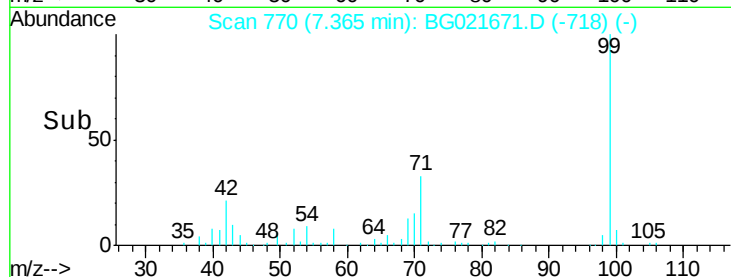
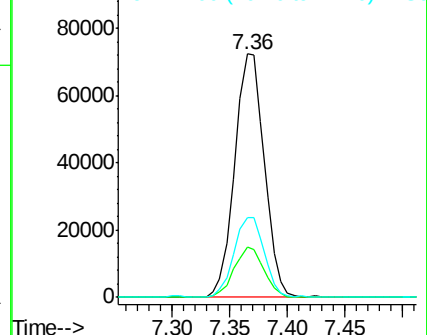
99 100

42 20.6 16.4 24.6

71 33.0 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: 11.04 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BG021671.D

Acq: 15 Apr 2016 3:10

Tgt Ion: 136 Resp: 145050

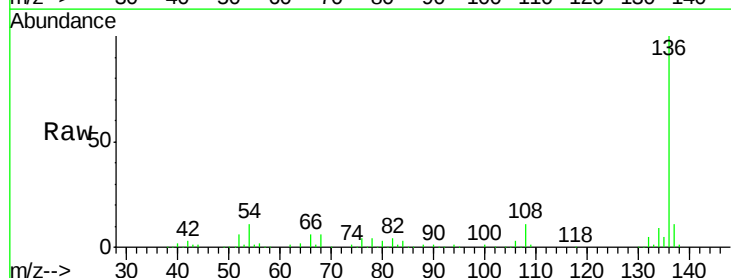
Ion Ratio Lower Upper

136 100

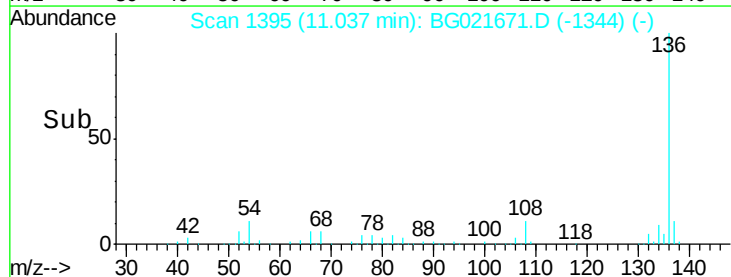
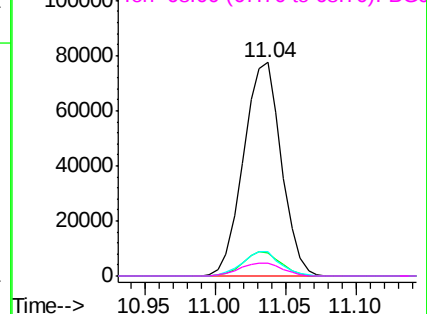
137 10.6 9.0 13.4

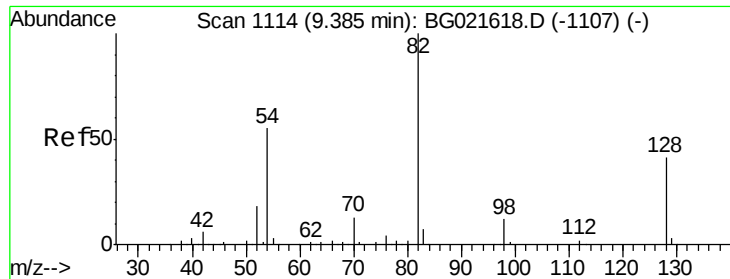
54 11.3 9.6 14.4

68 6.0 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

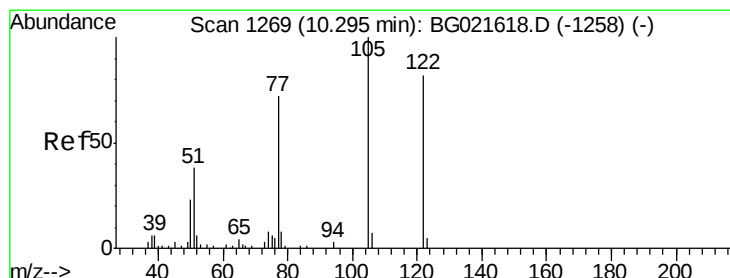
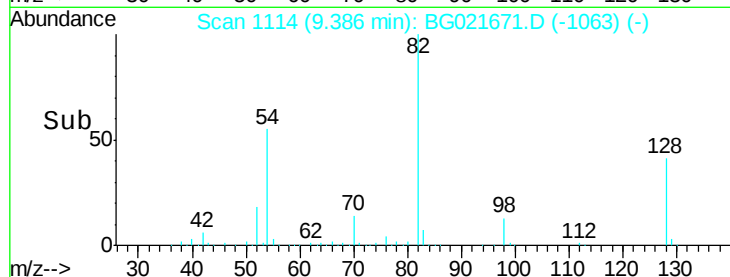
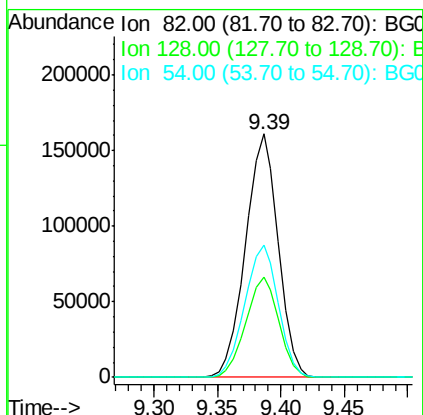
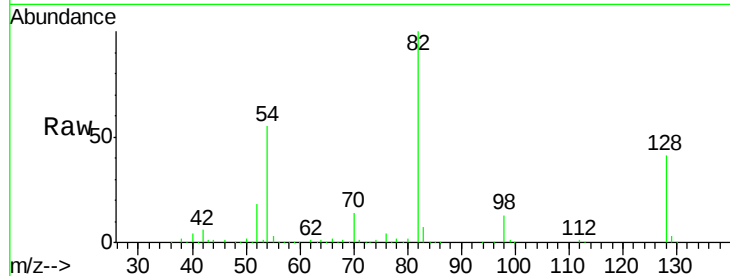




#23
 Nitrobenzene-d5
 Concen: 102.22 ng
 RT: 9.39 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BG021671.D
 Acq: 15 Apr 2016 3:10

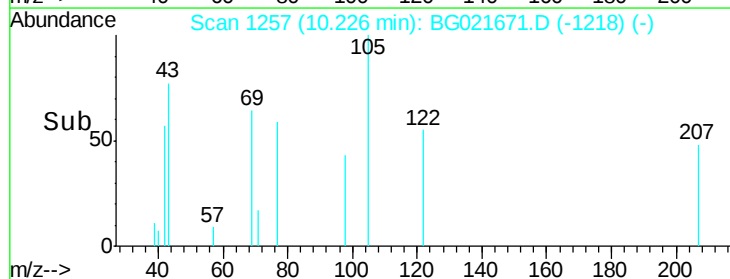
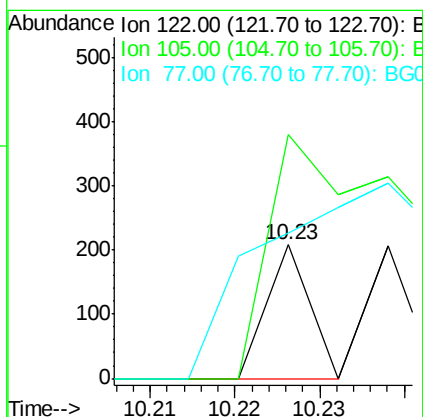
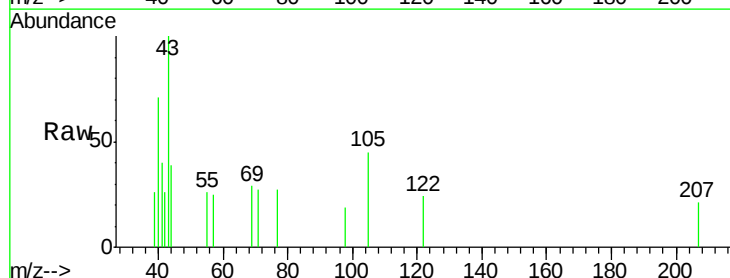
Instrument :
 BNA_G
 ClientSampleId :
 S8-0571

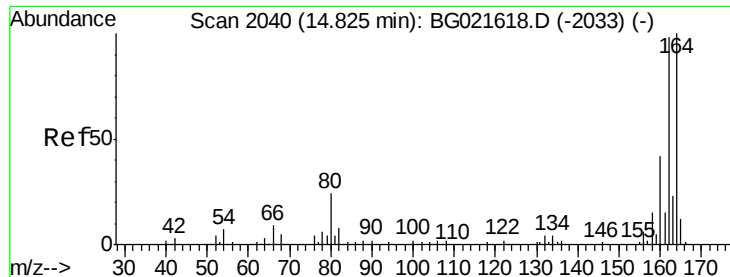
Tgt Ion: 82 Resp: 288476
 Ion Ratio Lower Upper
 82 100
 128 41.1 33.4 50.0
 54 54.5 46.1 69.1



#32
 Benzoic acid
 Concen: 4.32 ng
 RT: 10.23 min Scan# 1257
 Delta R.T. -0.07 min
 Lab File: BG021671.D
 Acq: 15 Apr 2016 3:10

Tgt Ion: 122 Resp: 73
 Ion Ratio Lower Upper
 122 100
 105 182.7 104.5 144.5#
 77 108.7 79.9 119.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.82 min Scan# 2039

Delta R.T. -0.00 min

Lab File: BG021671.D

Acq: 15 Apr 2016 3:10

Instrument :

BNA_G

ClientSampleId :

S8-0571

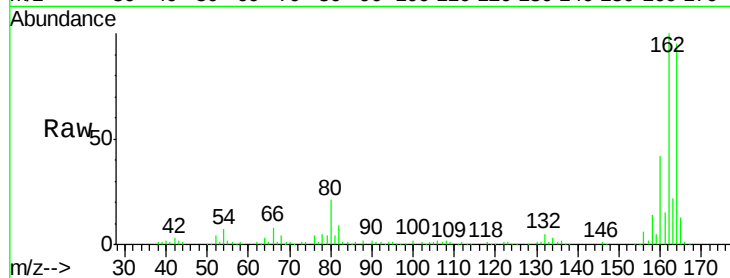
Tgt Ion:164 Resp: 99511

Ion Ratio Lower Upper

164 100

162 105.4 78.0 117.0

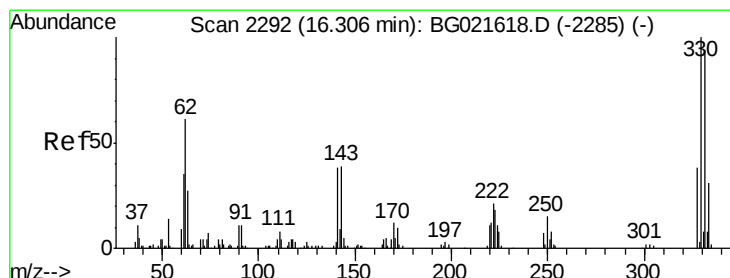
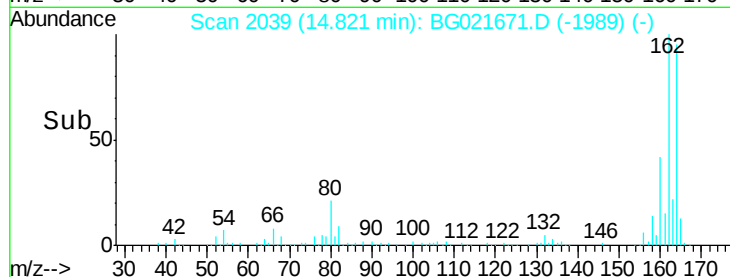
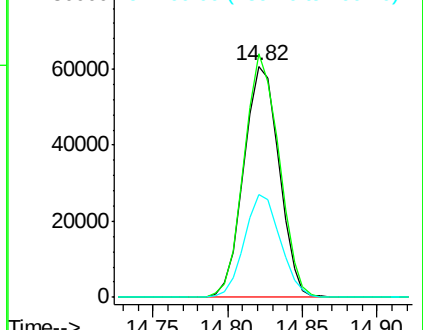
160 44.4 32.9 49.3



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: 160.17 ng

RT: 16.30 min Scan# 2291

Delta R.T. -0.00 min

Lab File: BG021671.D

Acq: 15 Apr 2016 3:10

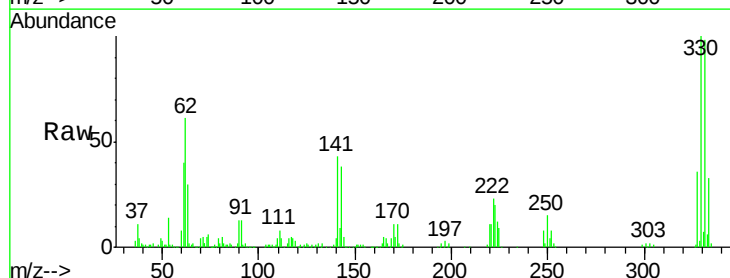
Tgt Ion:330 Resp: 171778

Ion Ratio Lower Upper

330 100

332 95.7 78.0 117.0

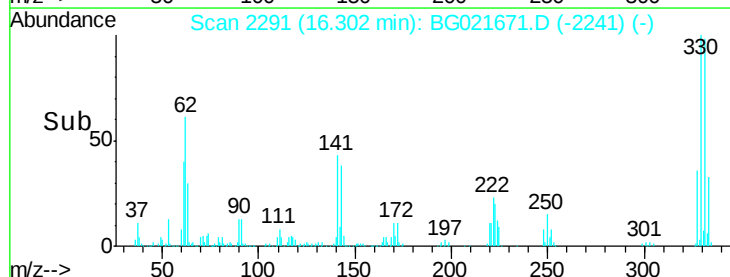
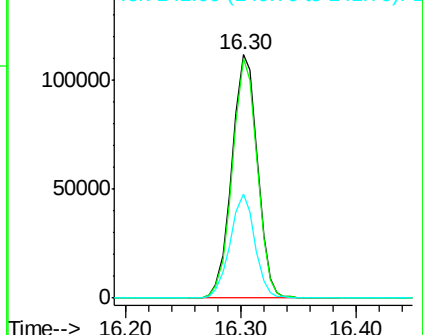
141 41.3 33.8 50.8

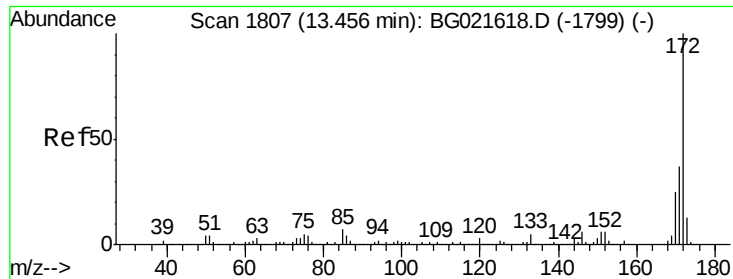


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

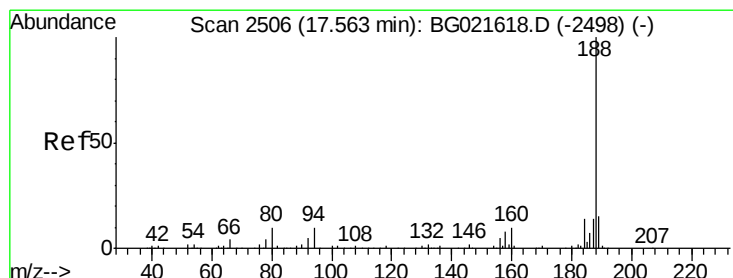
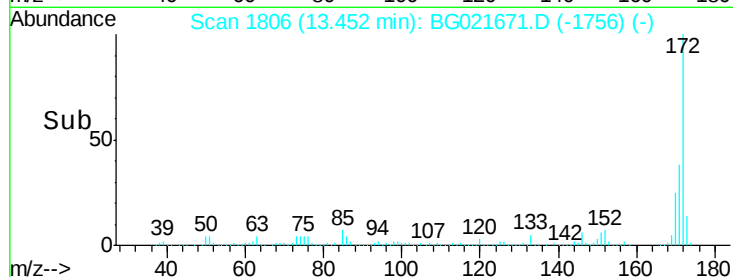
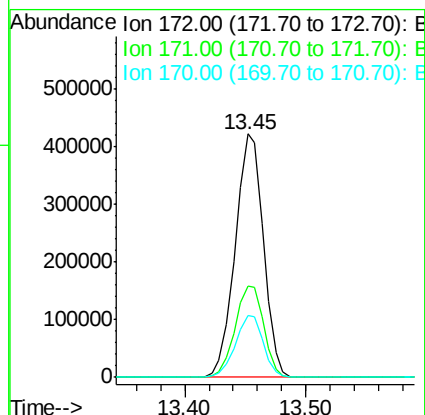
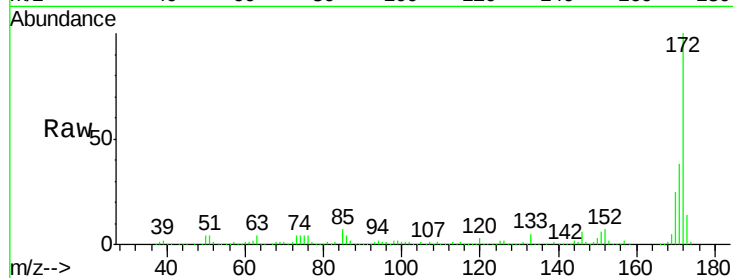




#44
 2-Fluorobiphenyl
 Concen: 100.86 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG021671.D
 Acq: 15 Apr 2016 3:10

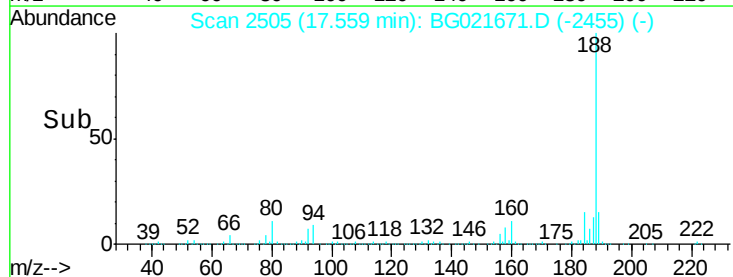
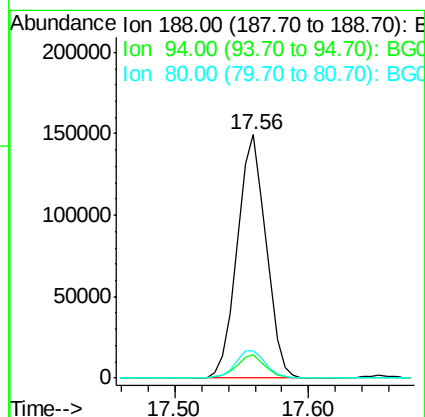
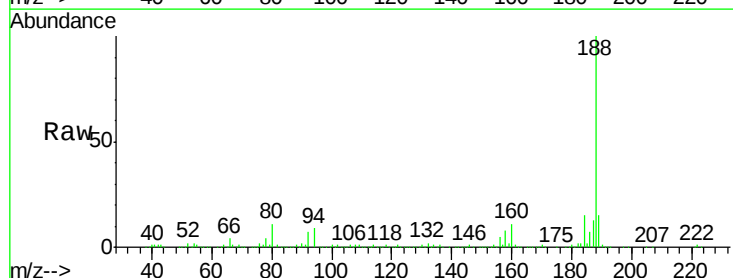
Instrument :
 BNA_G
 ClientSampled :
 S8-0571

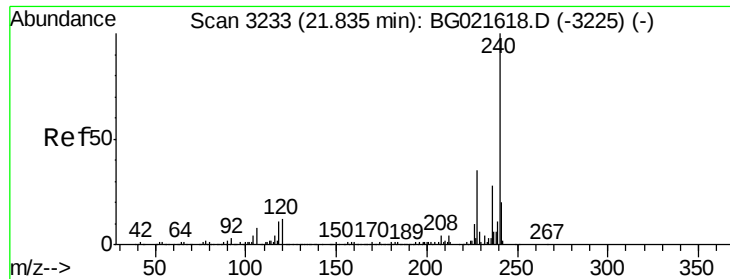
Tgt Ion:172 Resp: 684990
 Ion Ratio Lower Upper
 172 100
 171 37.5 27.8 41.6
 170 25.4 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.56 min Scan# 2505
 Delta R.T. -0.00 min
 Lab File: BG021671.D
 Acq: 15 Apr 2016 3:10

Tgt Ion:188 Resp: 223827
 Ion Ratio Lower Upper
 188 100
 94 9.5 7.5 11.3
 80 11.2 8.6 13.0

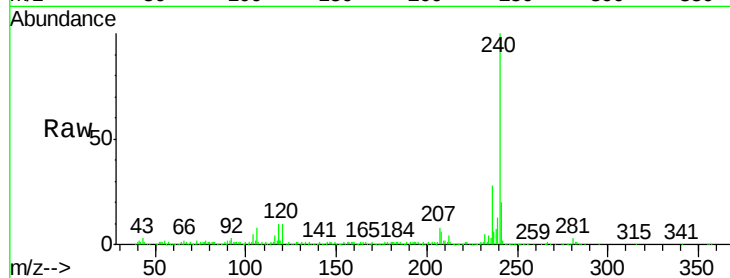




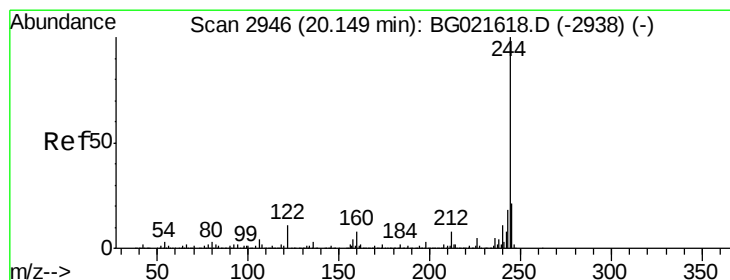
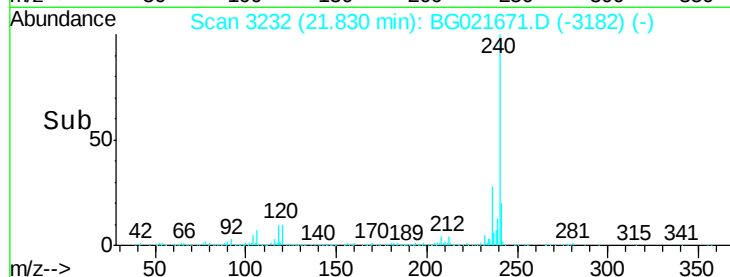
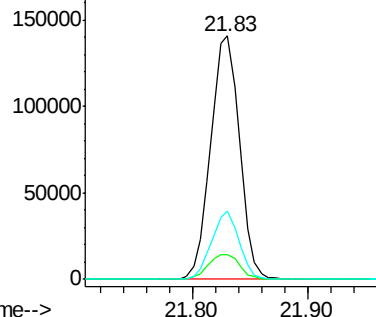
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.00 min
Lab File: BG021671.D
Acq: 15 Apr 2016 3:10

Instrument :
BNA_G
ClientSampleId :
S8-0571

Tgt Ion:240 Resp: 242964
Ion Ratio Lower Upper
240 100
120 10.1 8.4 12.6
236 28.2 19.6 29.4

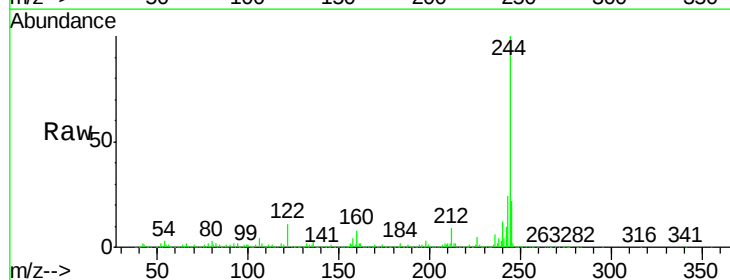


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

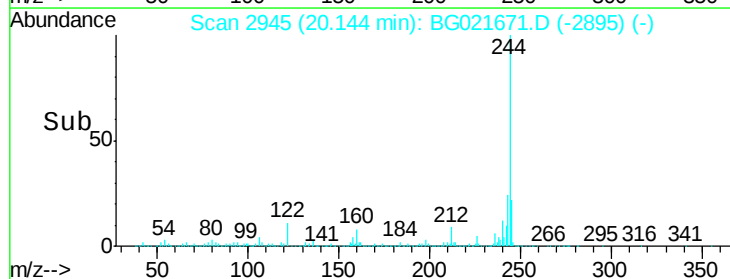
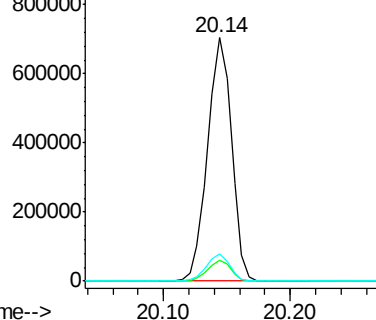


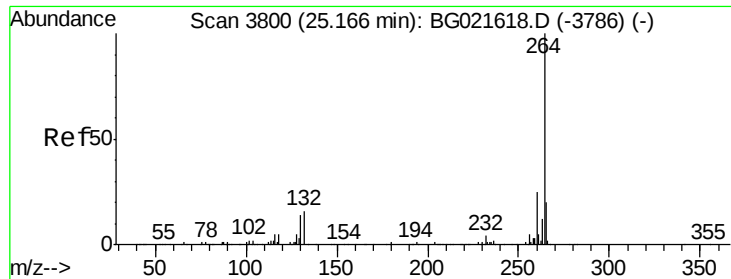
#78
Terphenyl-d14
Concen: 94.59 ng
RT: 20.14 min Scan# 2945
Delta R.T. -0.00 min
Lab File: BG021671.D
Acq: 15 Apr 2016 3:10

Tgt Ion:244 Resp: 921021
Ion Ratio Lower Upper
244 100
212 8.8 6.5 9.7
122 11.3 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. -0.00 min
Lab File: BG021671.D
Acq: 15 Apr 2016 3:10

Instrument :
BNA_G
ClientSampleId :
S8-0571

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.2	30.4
265	22.2	17.8	26.8

