

Data Path : Z:\HPCHEM1\BNA G\Data\BG042116\RAW\
 Data File : BG021781.D
 Acq On : 20 Apr 2016 12:26
 Operator : UM/SJ
 Sample : H2589-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 20 16:05:14 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

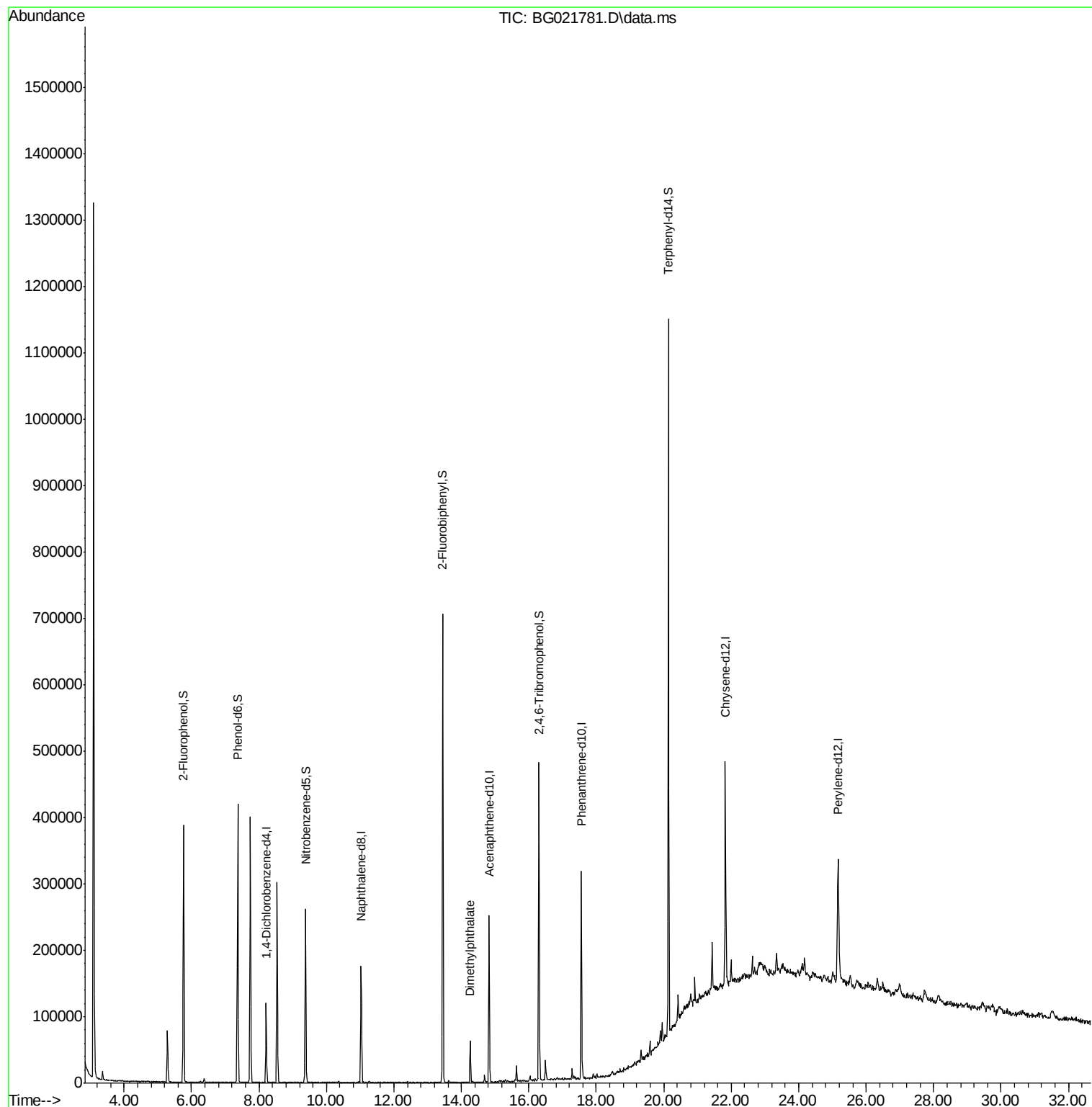
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.213	152	33845	20.00	ng	0.00
21) Naphthalene-d8	11.028	136	152826	20.00	ng	0.00
38) Acenaphthene-d10	14.818	164	90768	20.00	ng	0.00
63) Phenanthrene-d10	17.555	188	191767	20.00	ng	0.00
75) Chrysene-d12	21.827	240	207885	20.00	ng	0.00
86) Perylene-d12	25.170	264	205267	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.763	112	171732	84.50	ng	0.00
7) Phenol-d6	7.367	99	259419	85.45	ng	0.00
23) Nitrobenzene-d5	9.377	82	161245	54.23	ng	0.00
41) 2,4,6-Tribromophenol	16.304	330	89924	91.92	ng	0.00
44) 2-Fluorobiphenyl	13.449	172	371145	59.91	ng	0.00
78) Terphenyl-d14	20.141	244	466359	55.98	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.259	163	42294	5.39	ng	Qvalue 97

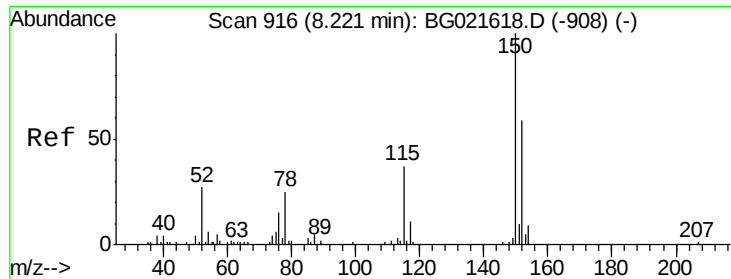
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.213 min Scan# 91

Delta R.T. -0.008 min

Lab File: BG021781.D

Acq: 20 Apr 2016 12:26

Instrument :

BNA_G

ClientSampleId :

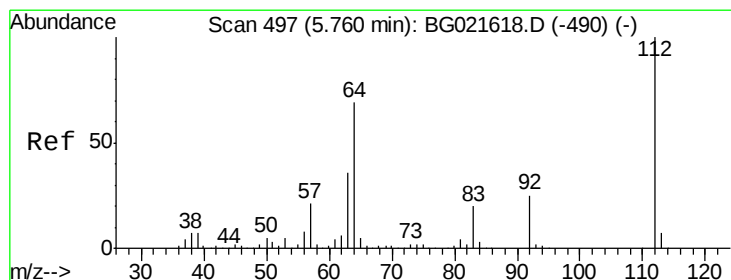
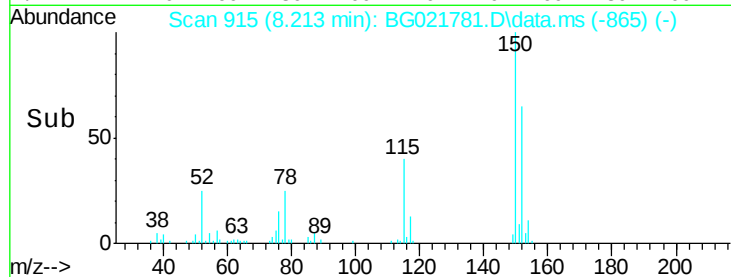
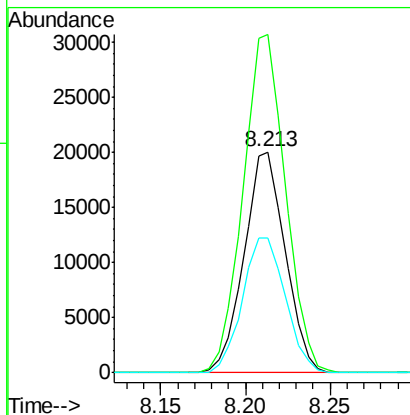
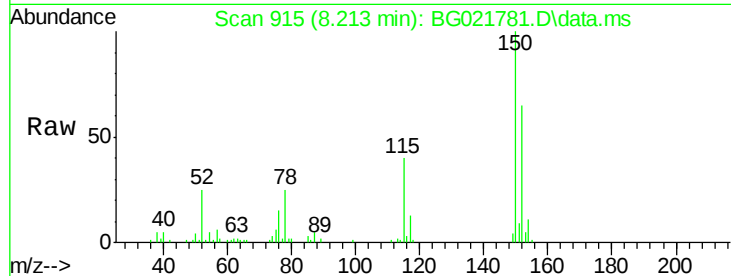
Tot Ion:152 Resp: 33845

Ion Ratio Lower Upper

152 100

150 153.1 130.1 195.1

115 61.0 62.2 93.2#



#5

2-Fluorophenol

Concen: 84.50 ng

RT: 5.763 min Scan# 498

Delta R.T. 0.004 min

Lab File: BG021781.D

Acq: 20 Apr 2016 12:26

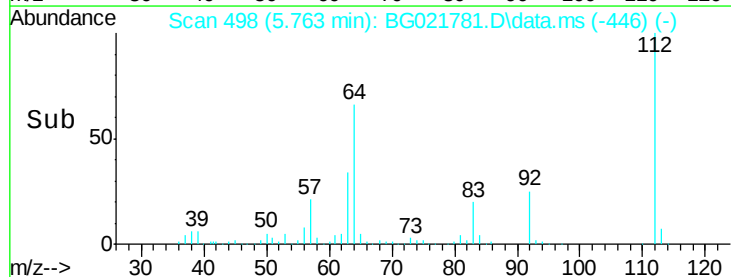
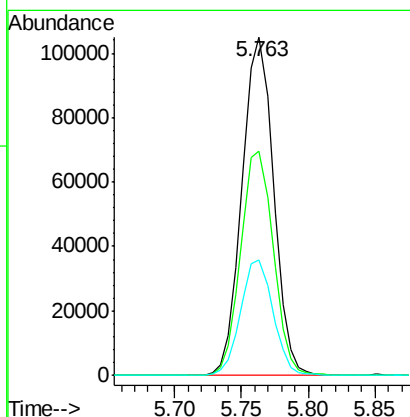
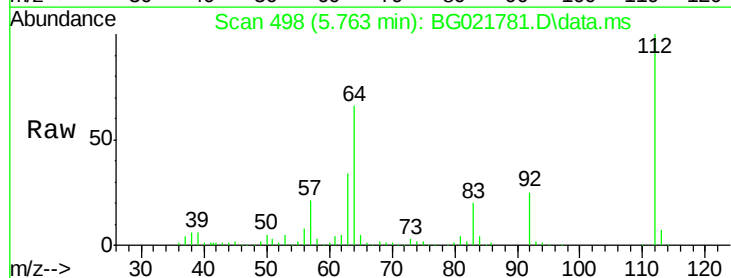
Tgt Ion:112 Resp: 171732

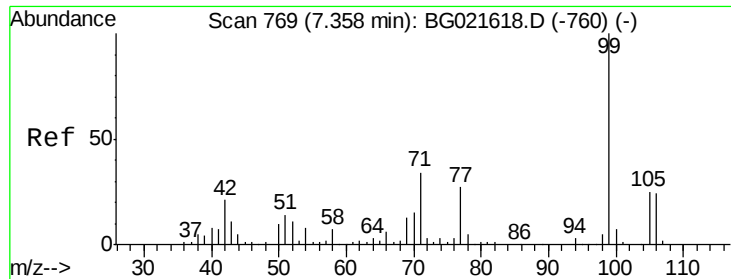
Ion Ratio Lower Upper

112 100

64 66.4 51.1 76.7

63 34.2 24.6 37.0





#7

Phenol-d6

Concen: 85.45 ng

RT: 7.367 min Scan# 77

Delta R.T. 0.010 min

Lab File: BG021781.D

Acq: 20 Apr 2016 12:26

Instrument :

BNA_G

ClientSampleId :

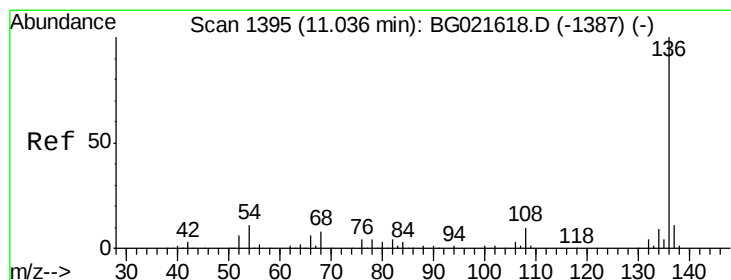
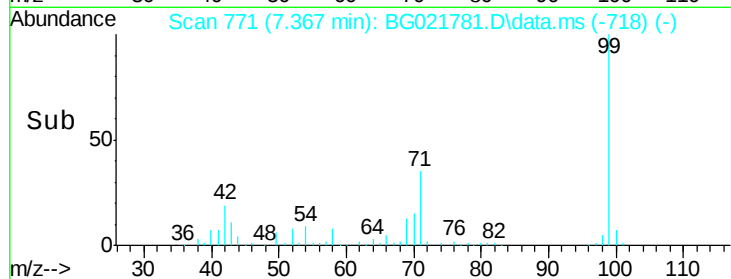
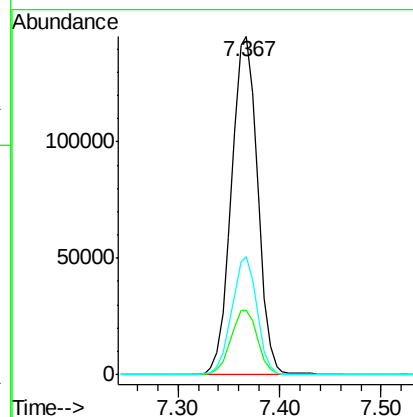
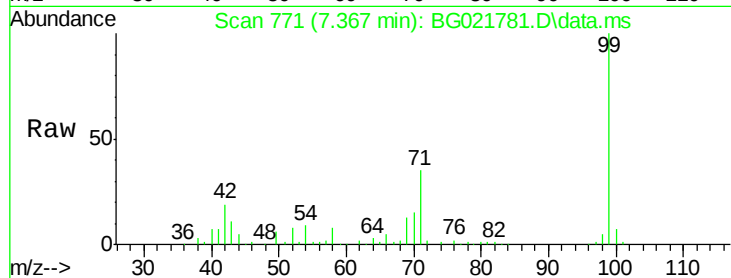
Tot Ion: 99 Resp: 259419

Ion Ratio Lower Upper

99 100

42 19.0 16.4 24.6

71 34.8 25.0 37.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.028 min Scan# 1394

Delta R.T. -0.008 min

Lab File: BG021781.D

Acq: 20 Apr 2016 12:26

Tgt Ion: 136 Resp: 152826

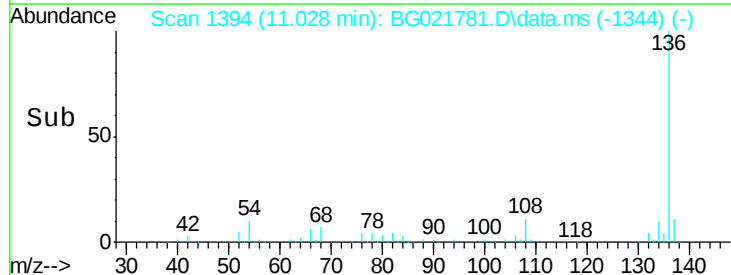
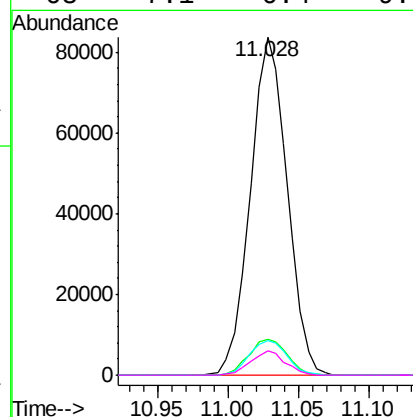
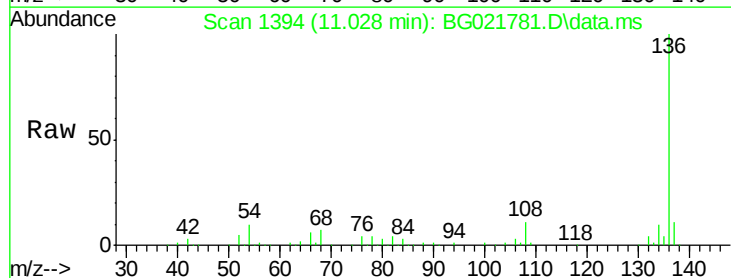
Ion Ratio Lower Upper

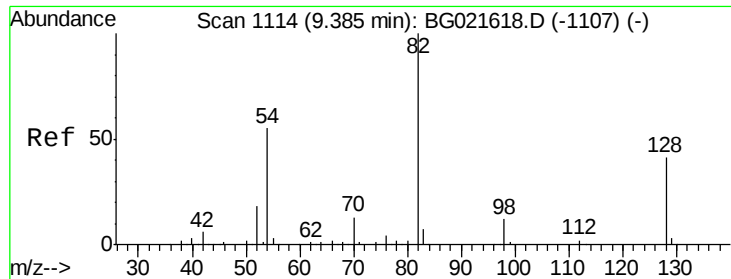
136 100

137 10.7 9.0 13.4

54 10.4 9.6 14.4

68 7.1 6.4 9.6

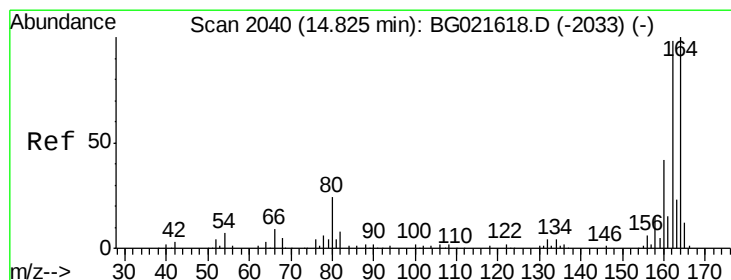
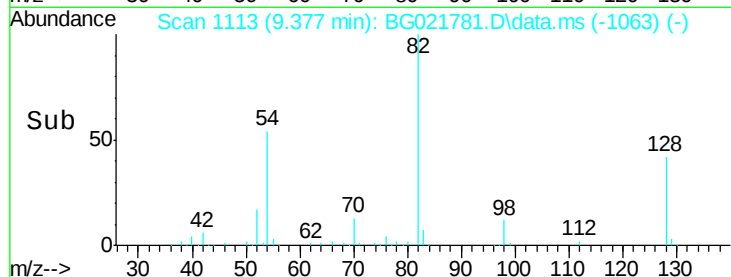
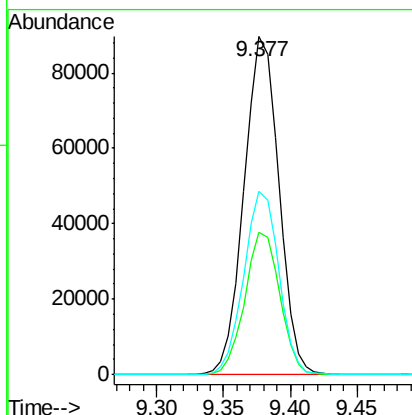
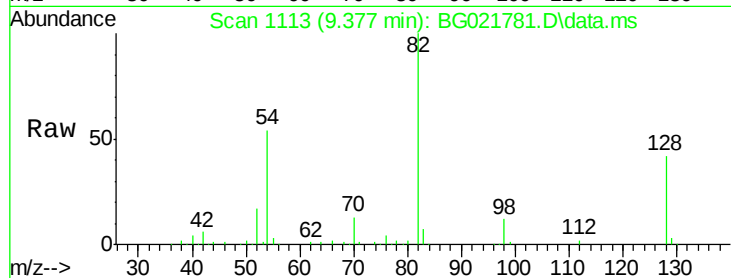




#23
 Nitrobenzene-d5
 Concen: 54.23 ng
 RT: 9.377 min Scan# 1114
 Delta R.T. -0.008 min
 Lab File: BG021781.D
 Acq: 20 Apr 2016 12:26

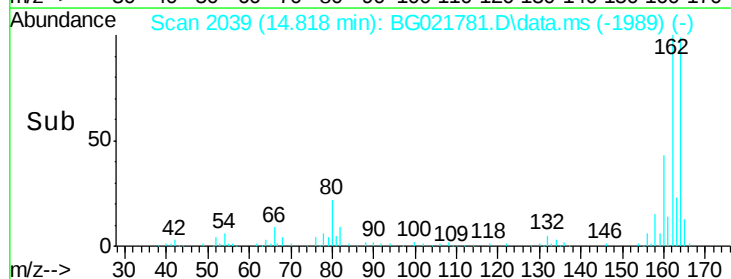
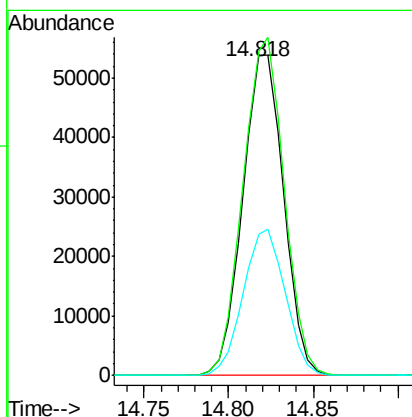
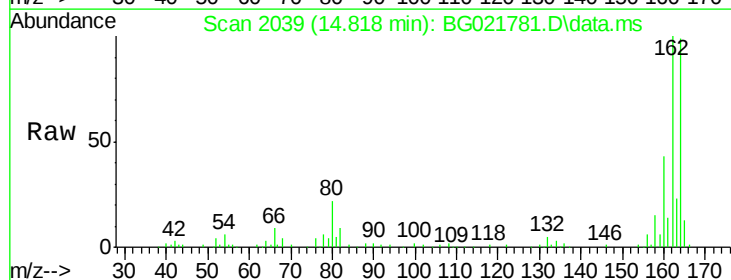
Instrument :
 BNA_G
 ClientSampleId :

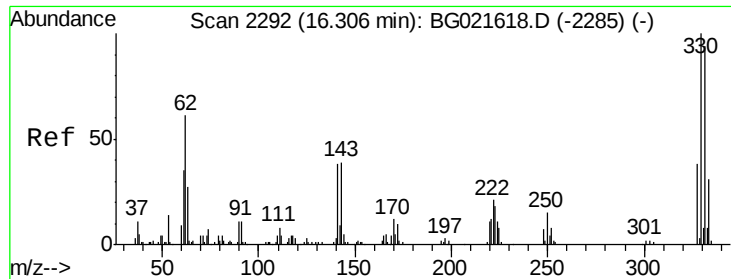
Tot Ion	82	Resp	161245
Ion Ratio	100	Lower	Upper
128	42.1	33.4	50.0
54	54.4	46.1	69.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.818 min Scan# 2039
 Delta R.T. -0.008 min
 Lab File: BG021781.D
 Acq: 20 Apr 2016 12:26

Tgt Ion	164	Resp	90768
Ion Ratio	100	Lower	Upper
162	101.2	78.0	117.0
160	43.8	32.9	49.3





#41

2,4,6-Tribromophenol

Concen: 91.92 ng

RT: 16.304 min Scan# 22

Delta R.T. -0.002 min

Lab File: BG021781.D

Acq: 20 Apr 2016 12:26

Instrument :

BNA_G

ClientSampleId :

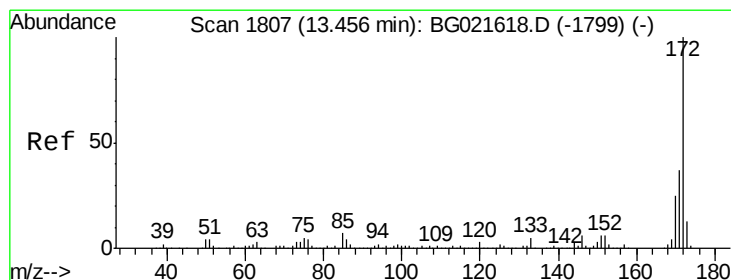
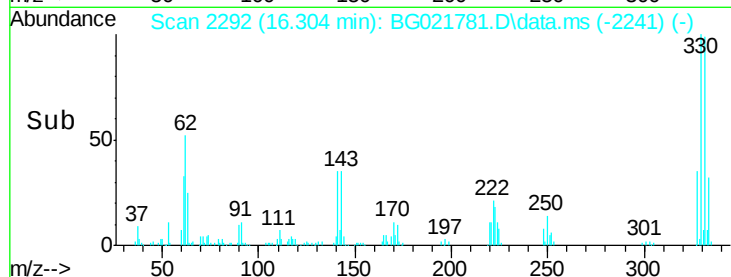
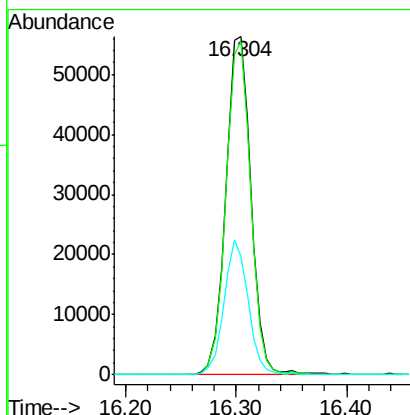
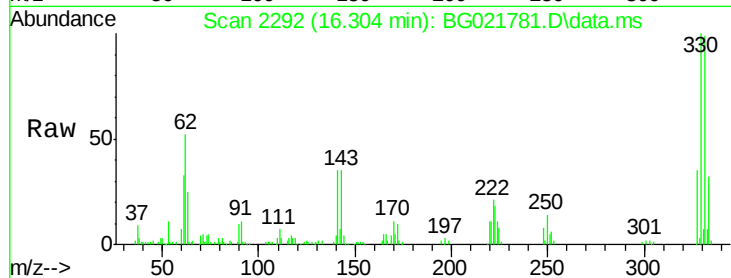
Tot Ion:330 Resp: 89924

Ion Ratio Lower Upper

330 100

332 96.6 78.0 117.0

141 37.8 33.8 50.8



#44

2-Fluorobiphenyl

Concen: 59.91 ng

RT: 13.449 min Scan# 1806

Delta R.T. -0.008 min

Lab File: BG021781.D

Acq: 20 Apr 2016 12:26

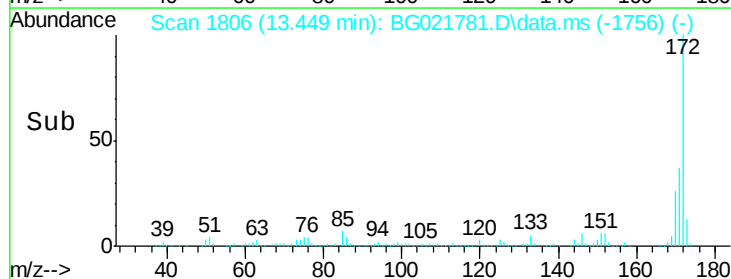
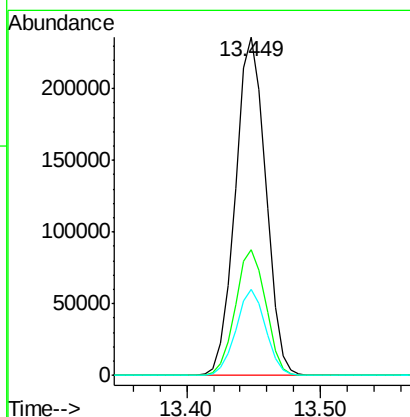
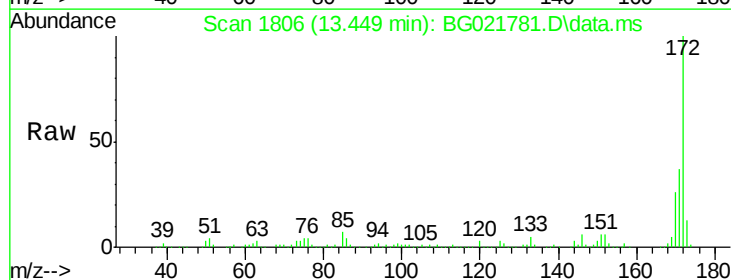
Tgt Ion:172 Resp: 371145

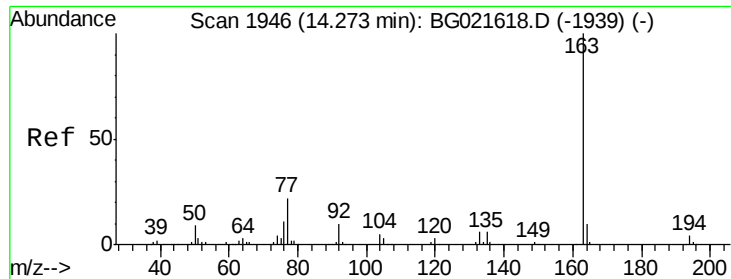
Ion Ratio Lower Upper

172 100

171 37.1 27.8 41.6

170 25.5 19.6 29.4





#49

Dimethylphthalate

Concen: 5.39 ng

RT: 14.259 min Scan# 19

Delta R.T. -0.014 min

Lab File: BG021781.D

Acq: 20 Apr 2016 12:26

Instrument :

BNA_G

ClientSampled :

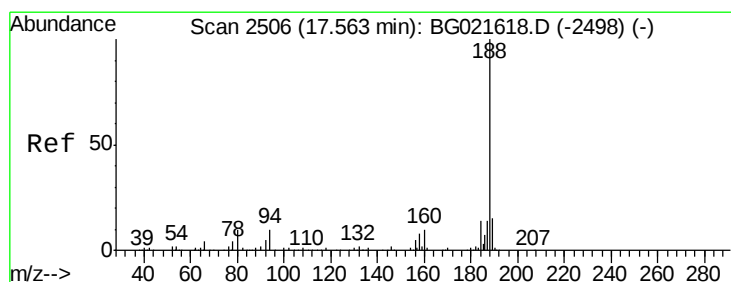
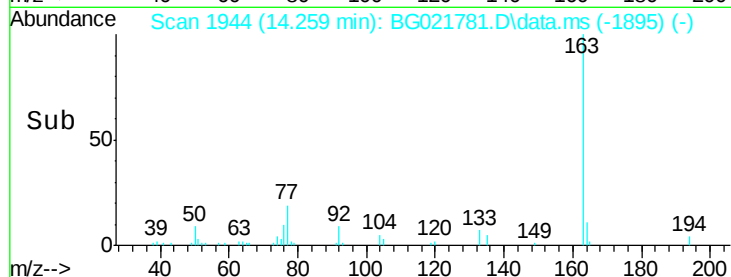
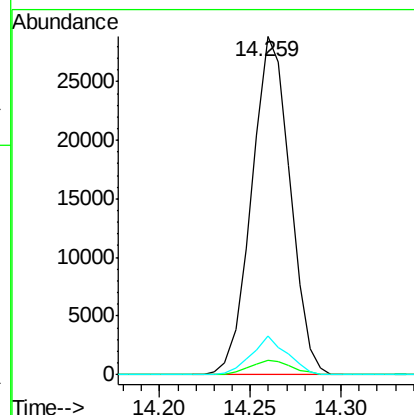
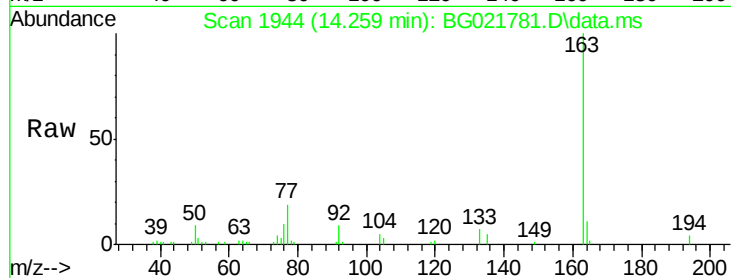
Tot Ion:163 Resp: 42294

Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.6

164 11.4 8.1 12.1



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.555 min Scan# 2505

Delta R.T. -0.008 min

Lab File: BG021781.D

Acq: 20 Apr 2016 12:26

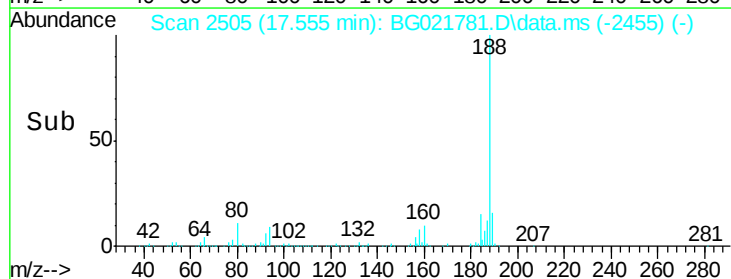
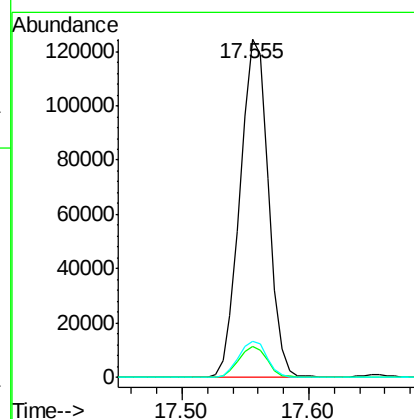
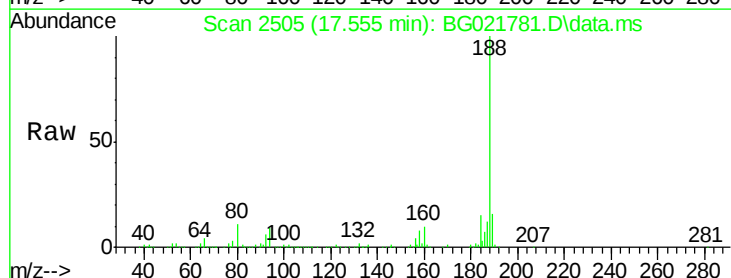
Tgt Ion:188 Resp: 191767

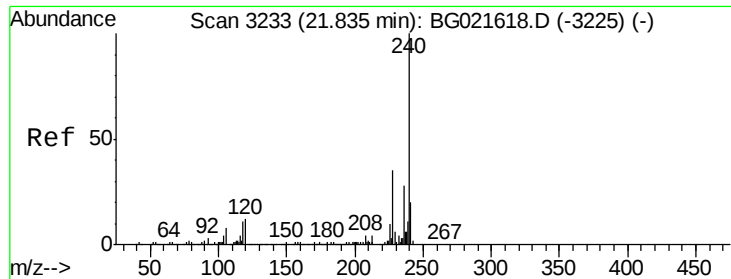
Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

80 10.7 8.6 13.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.827 min Scan# 32

Delta R.T. -0.008 min

Lab File: BG021781.D

Acq: 20 Apr 2016 12:26

Instrument :

BNA_G

ClientSampleId :

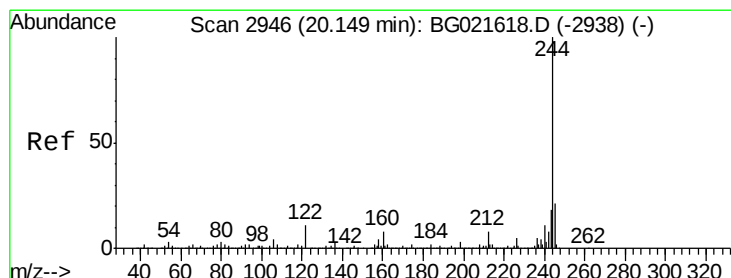
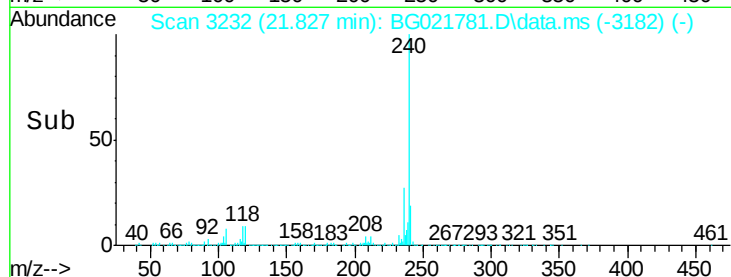
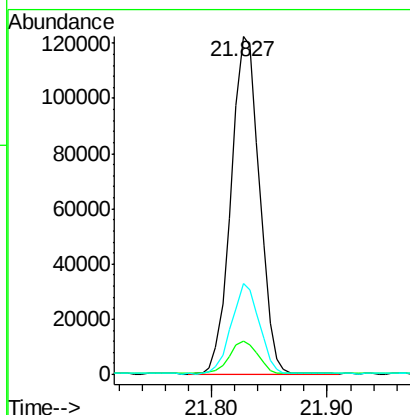
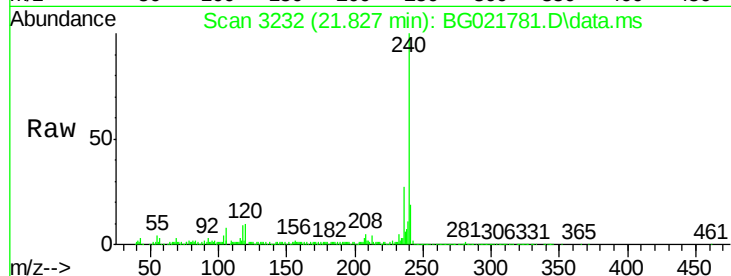
Tot Ion:240 Resp: 207885

Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

236 26.8 19.6 29.4



#78

Terphenyl-d14

Concen: 55.98 ng

RT: 20.141 min Scan# 2945

Delta R.T. -0.008 min

Lab File: BG021781.D

Acq: 20 Apr 2016 12:26

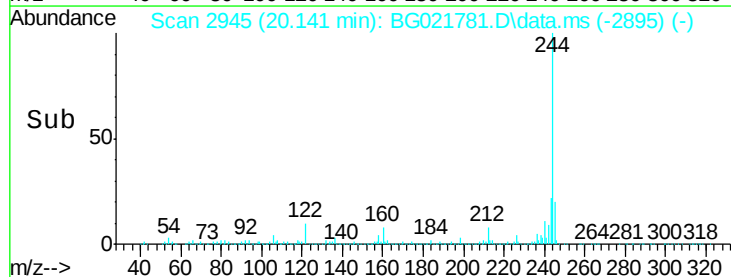
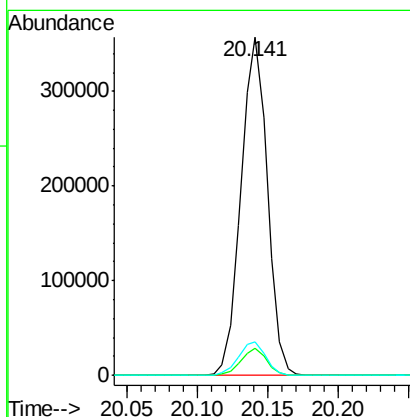
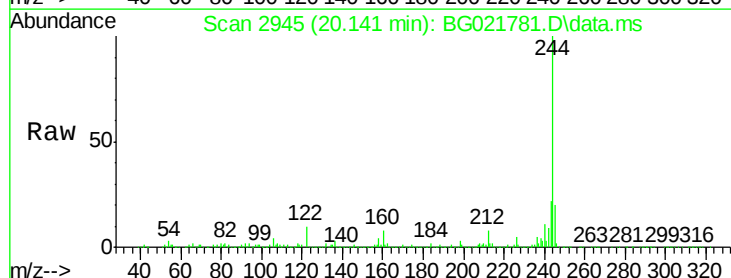
Tgt Ion:244 Resp: 466359

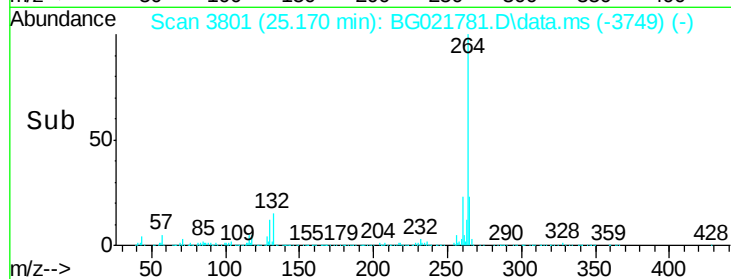
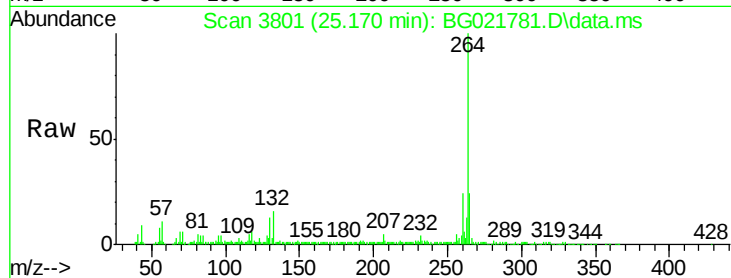
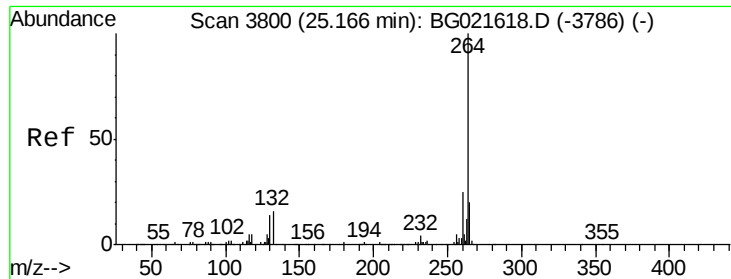
Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

122 9.9 8.6 12.8





#86

Pervlene-d12

Concen: 20.00 ng

RT: 25.170 min Scan# 38

Delta R.T. 0.004 min

Lab File: BG021781.D

Acq: 20 Apr 2016 12:26

Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 205267

Ion Ratio Lower Upper

264 100

260 23.7 20.2 30.4

265 24.0 17.8 26.8

