

Data Path : Z:\HPCHEM1\BNA G\Data\BG071116\NRD\
 Data File : BG023007.D
 Acq On : 11 Jul 2016 19:18
 Operator : UM/SJ
 Sample : PB92009BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92009BL

Quant Time: Jul 12 09:35:39 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

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

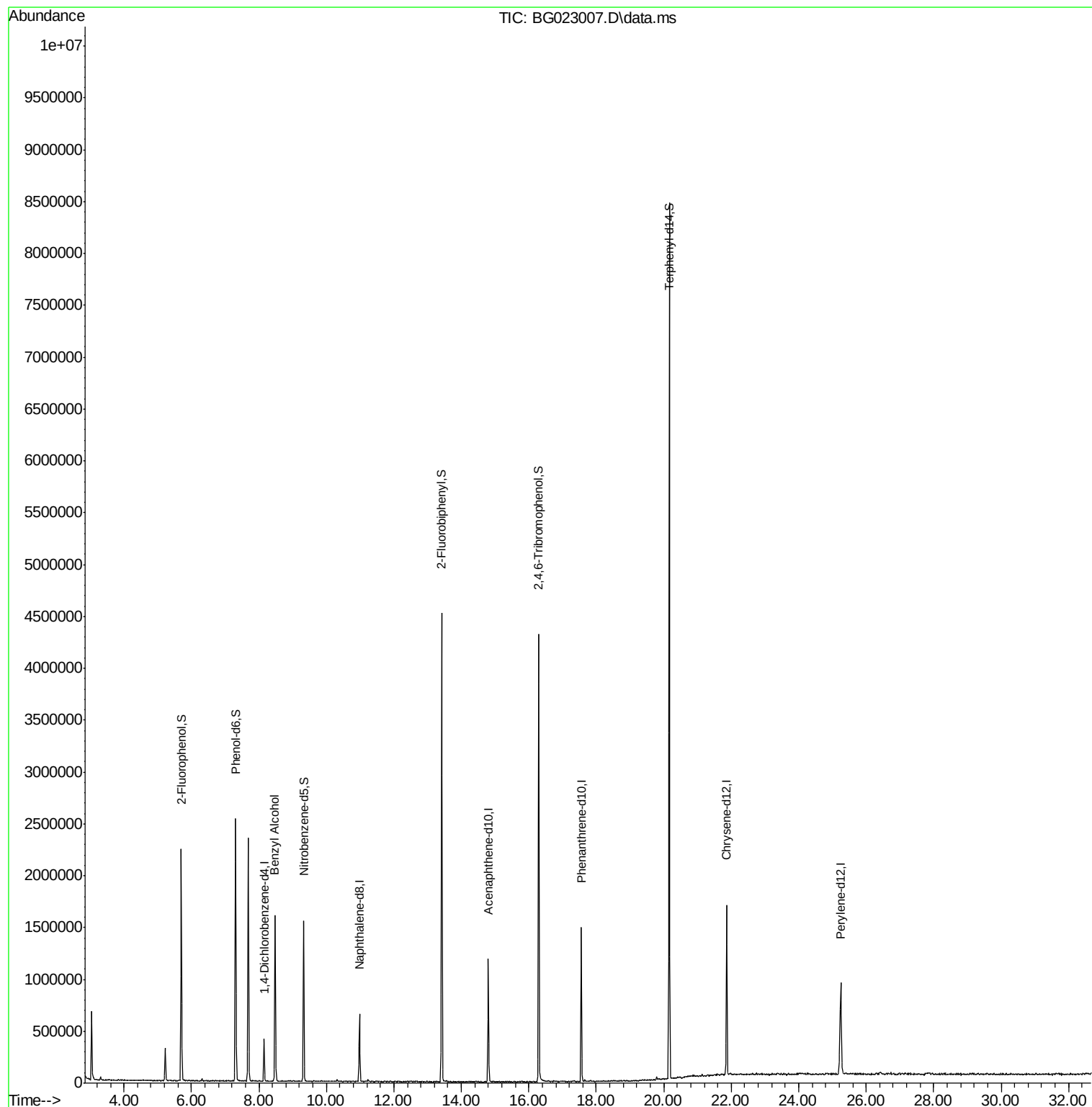
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.151	152	105580	20.00	ng	0.00
21) Naphthalene-d8	10.978	136	511810	20.00	ng	0.00
38) Acenaphthene-d10	14.797	164	408722	20.00	ng	0.00
63) Phenanthrene-d10	17.552	188	941593	20.00	ng	0.00
75) Chrysene-d12	21.865	240	1043704	20.00	ng	0.02
86) Perylene-d12	25.237	264	1025152	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	890466	137.94	ng	0.00
7) Phenol-d6	7.305	99	1389820	137.46	ng	0.00
23) Nitrobenzene-d5	9.327	82	1007718	84.31	ng	0.00
41) 2,4,6-Tribromophenol	16.289	330	793042	107.96	ng	0.00
44) 2-Fluorobiphenyl	13.416	172	2147808	82.77	ng	0.00
78) Terphenyl-d14	20.161	244	3056905	98.82	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.475	79	18928	2.04	ng	Qvalue # 69

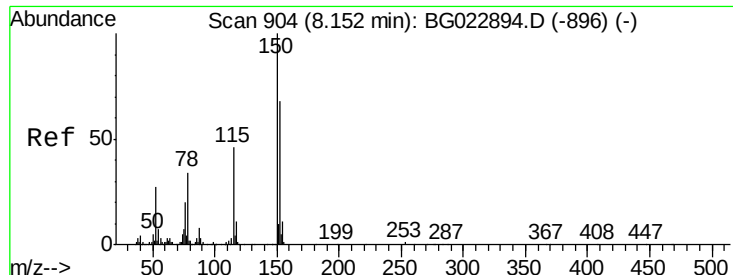
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.151 min Scan# 90

Delta R.T. -0.000 min

Lab File: BG023007.D

Acq: 11 Jul 2016 19:18

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PB92009BL

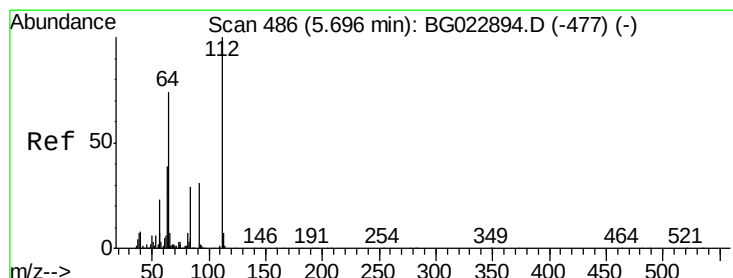
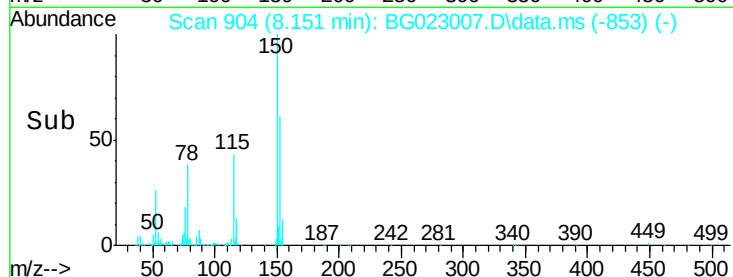
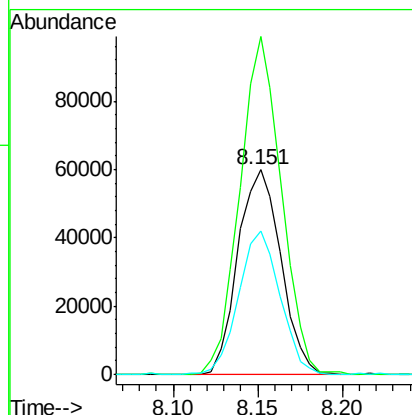
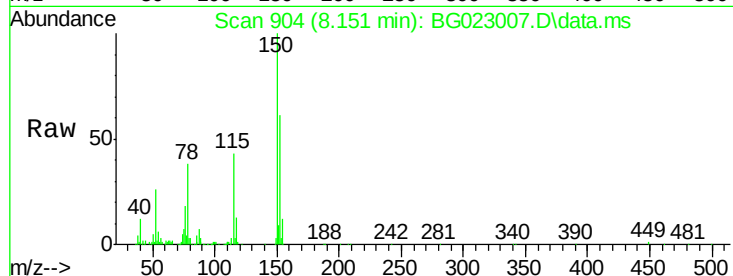
Tot Ion:152 Resp: 105580

Ion Ratio Lower Upper

152 100

150 165.0 144.7 217.1

115 70.3 64.0 96.0



#5

2-Fluorophenol

Concen: 137.94 ng

RT: 5.696 min Scan# 486

Delta R.T. 0.001 min

Lab File: BG023007.D

Acq: 11 Jul 2016 19:18

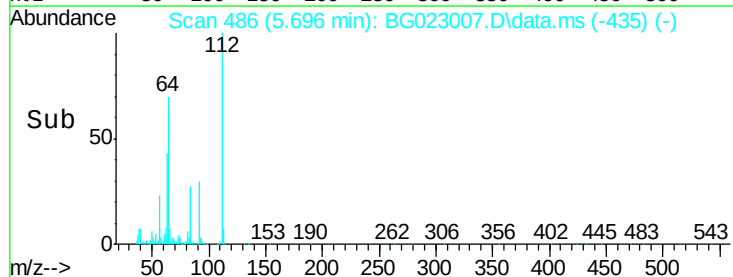
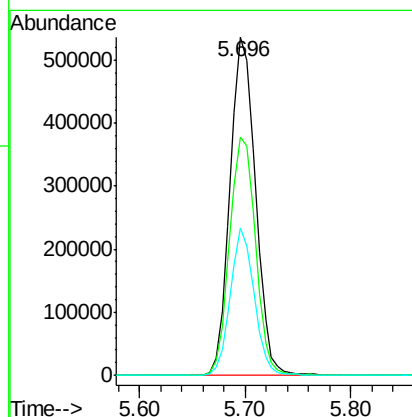
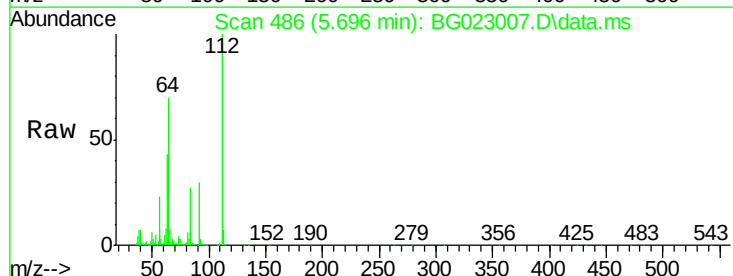
Tgt Ion:112 Resp: 890466

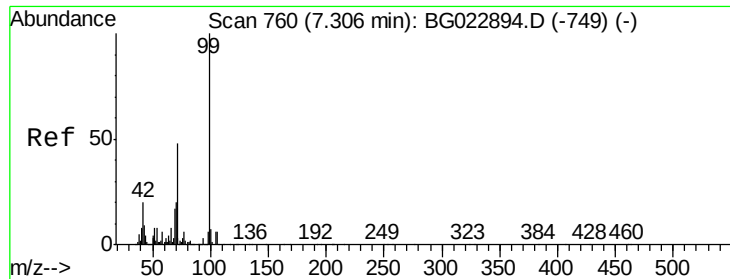
Ion Ratio Lower Upper

112 100

64 70.4 59.0 88.4

63 43.5 37.8 56.8





#7

Phenol-d6

Concen: 137.46 ng

RT: 7.305 min Scan# 760

Delta R.T. -0.000 min

Lab File: BG023007.D

Acq: 11 Jul 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB92009BL

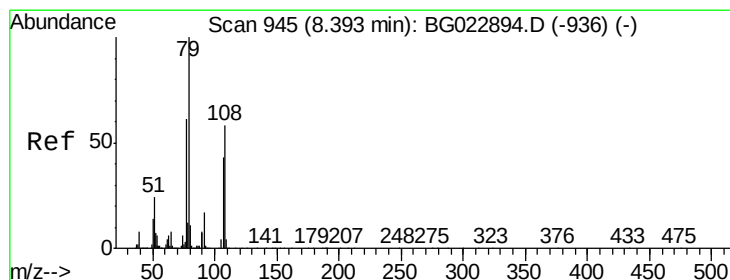
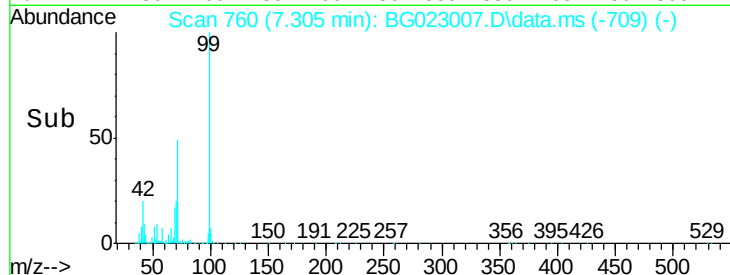
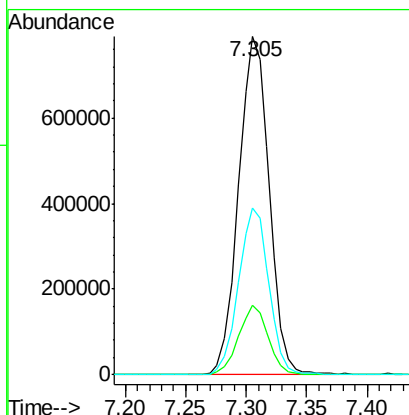
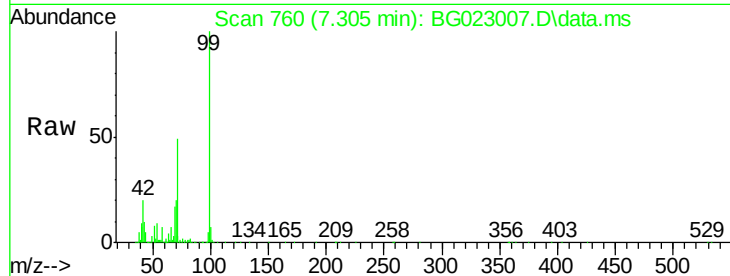
Tot Ion: 99 Resp: 1389820

Ion Ratio Lower Upper

99 100

42 20.4 17.8 26.6

71 49.3 41.5 62.3



#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 8.475 min Scan# 959

Delta R.T. 0.082 min

Lab File: BG023007.D

Acq: 11 Jul 2016 19:18

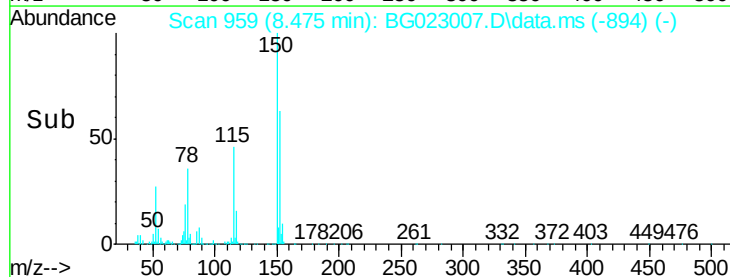
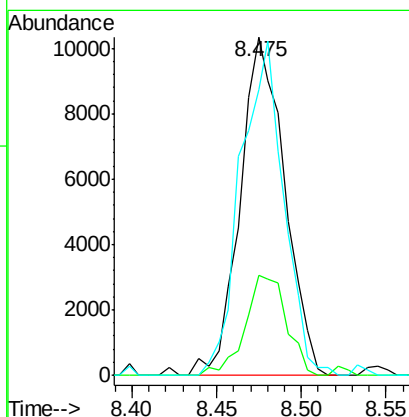
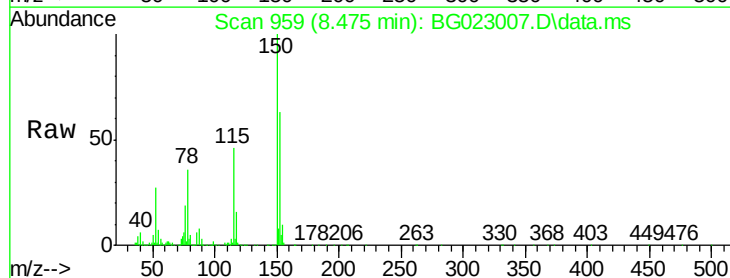
Tgt Ion: 79 Resp: 18928

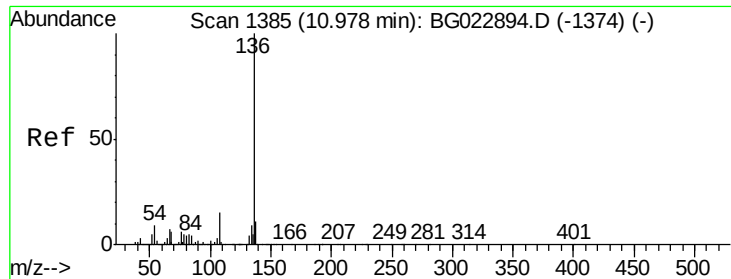
Ion Ratio Lower Upper

79 100

108 29.5 46.5 69.7#

77 84.6 52.3 78.5#

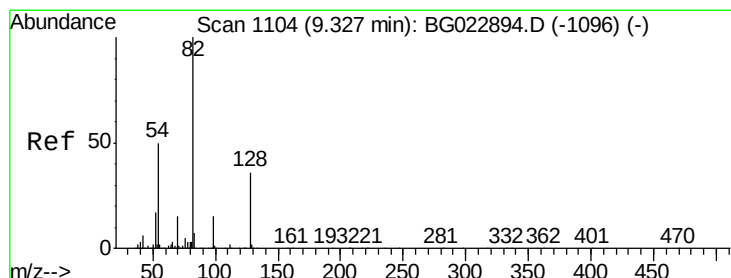
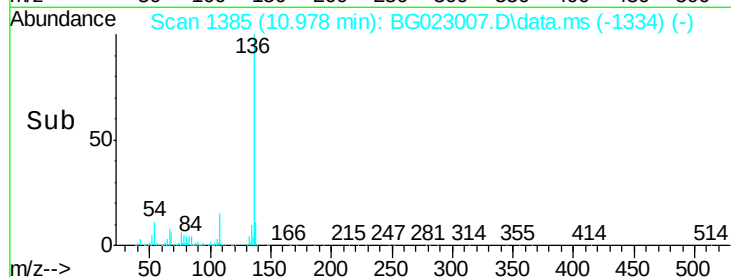
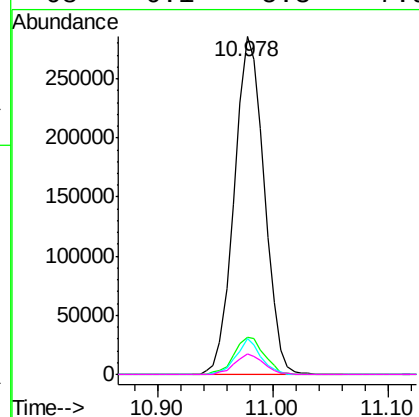
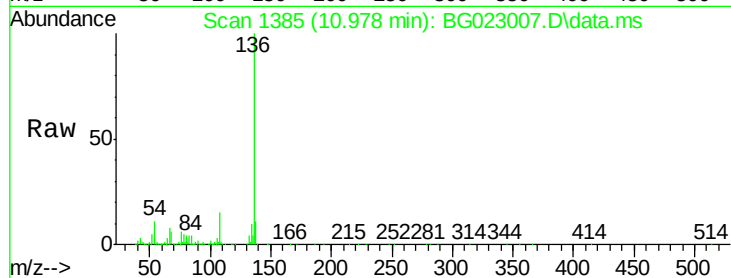




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.978 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BG023007.D
Acq: 11 Jul 2016 19:18

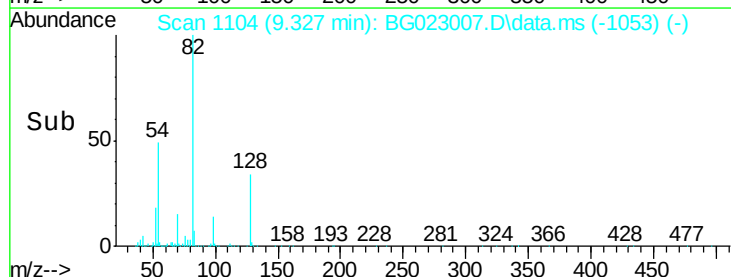
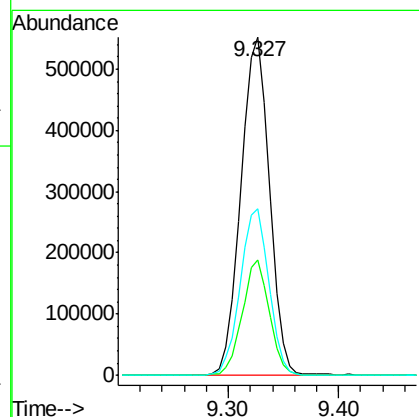
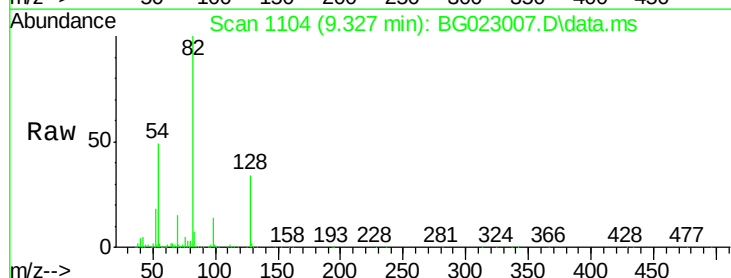
Instrument :
BNA_G
ClientSampleID :
PB92009BL

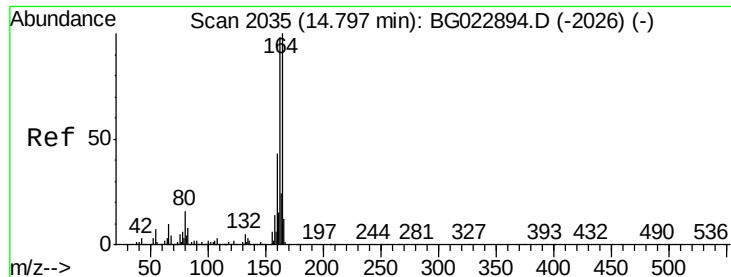
Tot Ion:136	Resp:	511810
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.6 14.4
54	10.7	7.3 10.9
68	6.1	5.3 7.9



#23
Nitrobenzene-d5
Concen: 84.31 ng
RT: 9.327 min Scan# 1104
Delta R.T. -0.000 min
Lab File: BG023007.D
Acq: 11 Jul 2016 19:18

Tgt Ion: 82	Resp:	1007718
Ion Ratio	Lower	Upper
82	100	
128	34.3	24.4 36.6
54	49.2	41.4 62.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.797 min Scan# 20

Delta R.T. -0.000 min

Lab File: BG023007.D

Acq: 11 Jul 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB92009BL

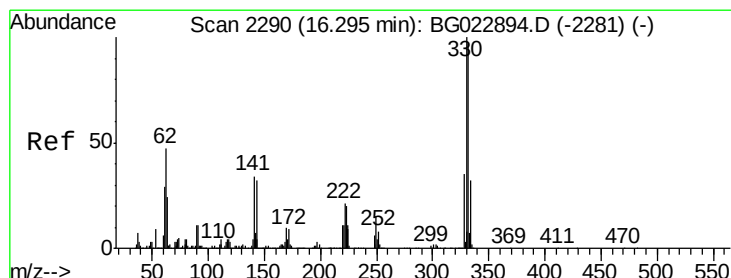
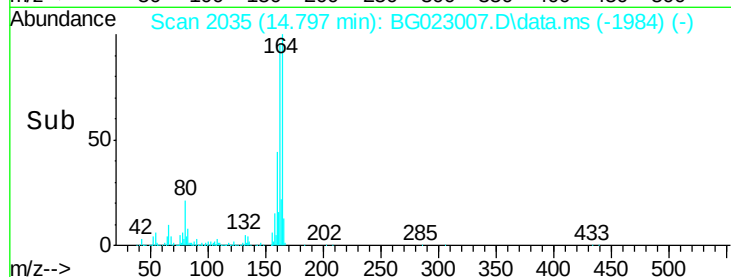
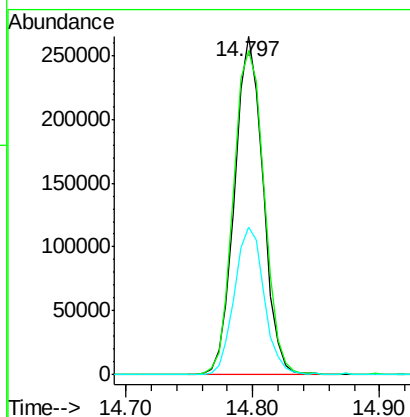
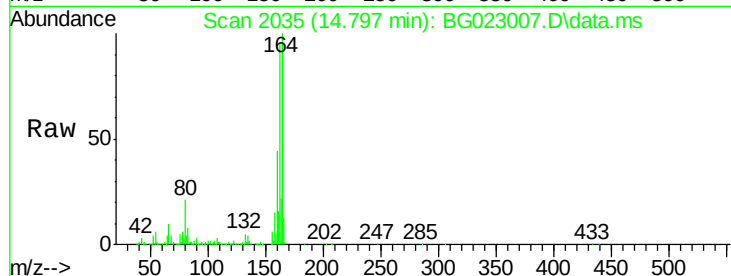
Tot Ion:164 Resp: 408722

Ion Ratio Lower Upper

164 100

162 96.0 87.7 131.5

160 43.6 37.2 55.8



#41

2,4,6-Tribromophenol

Concen: 107.96 ng

RT: 16.289 min Scan# 2289

Delta R.T. -0.006 min

Lab File: BG023007.D

Acq: 11 Jul 2016 19:18

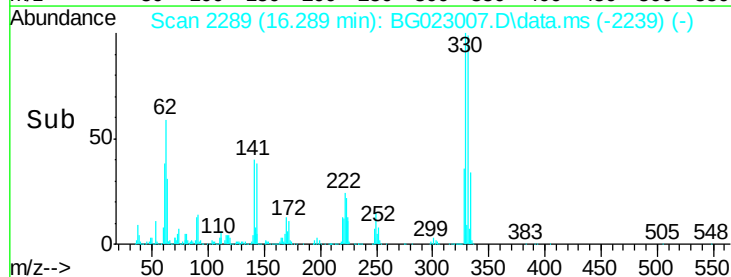
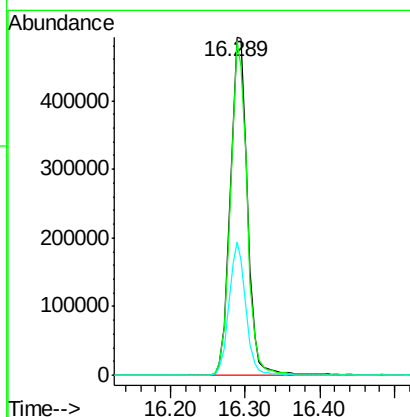
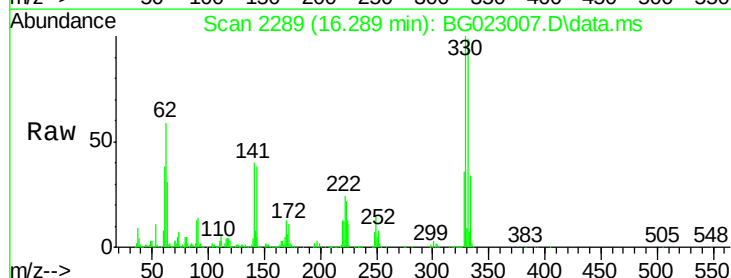
Tgt Ion:330 Resp: 793042

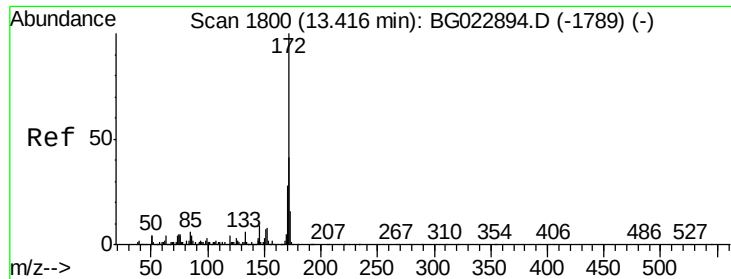
Ion Ratio Lower Upper

330 100

332 95.2 77.4 116.2

141 38.1 31.7 47.5

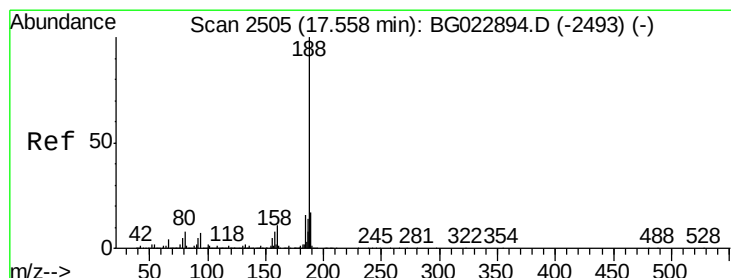
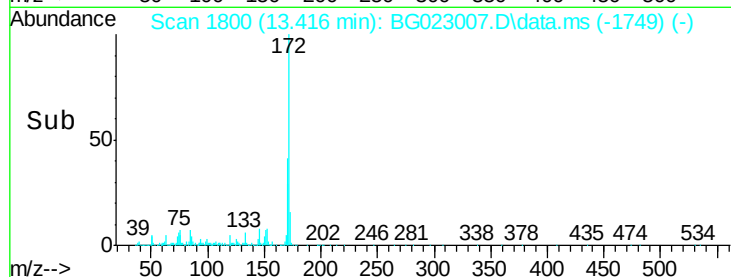
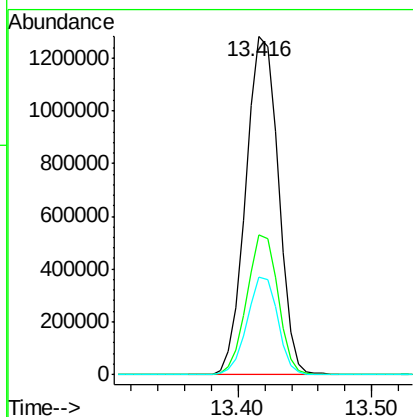
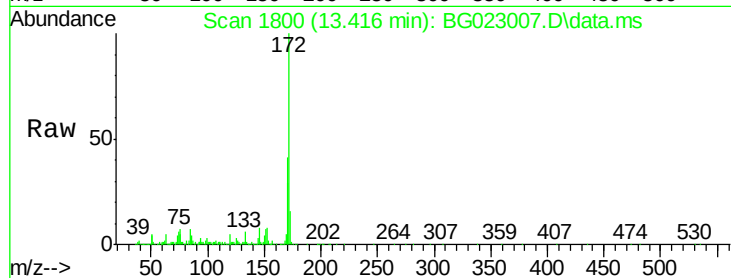




#44
 2-Fluorobiphenyl
 Concen: 82.77 ng
 RT: 13.416 min Scan# 18
 Delta R.T. -0.000 min
 Lab File: BG023007.D
 Acq: 11 Jul 2016 19:18

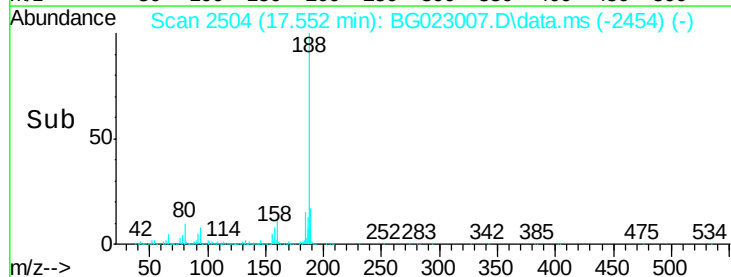
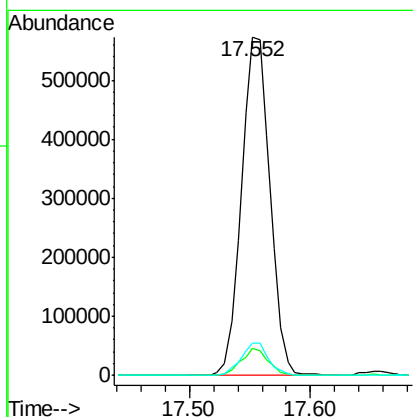
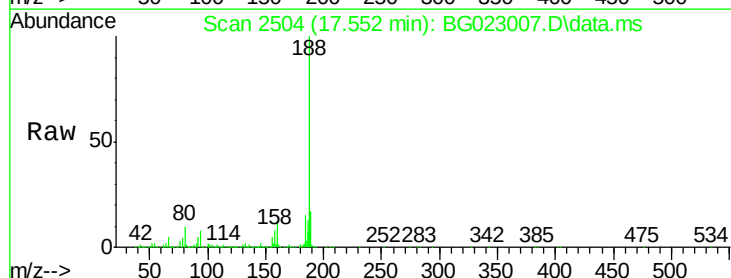
Instrument :
 BNA_G
 ClientSampleId :
 PB92009BL

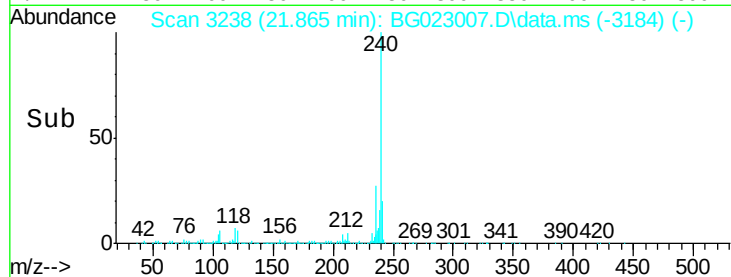
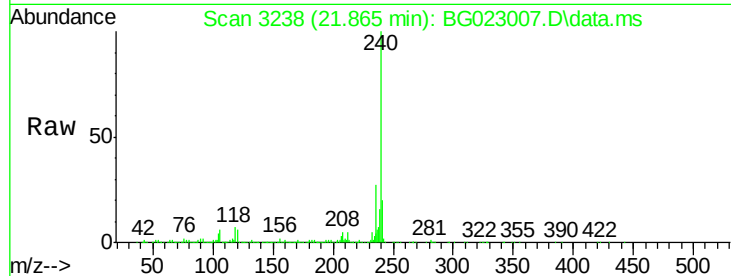
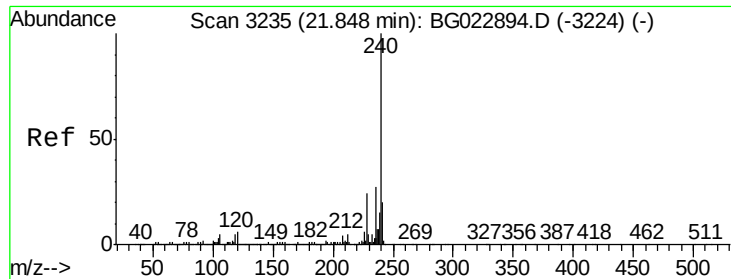
Tot Ion:172 Resp: 2147808
 Ion Ratio Lower Upper
 172 100
 171 41.4 31.6 47.4
 170 28.8 21.3 31.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.552 min Scan# 2504
 Delta R.T. -0.006 min
 Lab File: BG023007.D
 Acq: 11 Jul 2016 19:18

Tgt Ion:188 Resp: 941593
 Ion Ratio Lower Upper
 188 100
 94 8.0 5.2 7.8#
 80 9.6 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.865 min Scan# 32

Delta R.T. 0.017 min

Lab File: BG023007.D

Acq: 11 Jul 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB92009BL

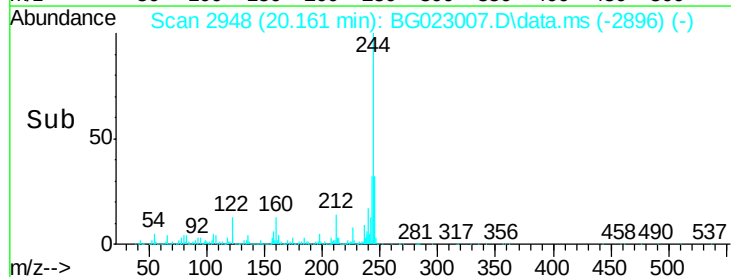
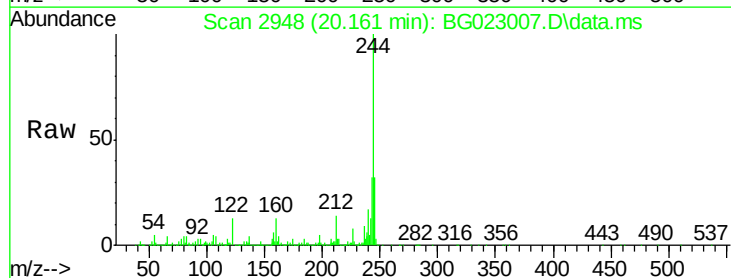
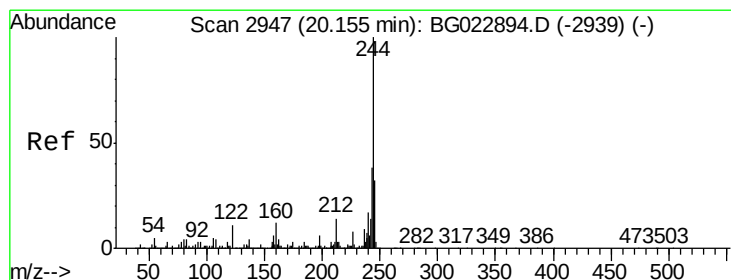
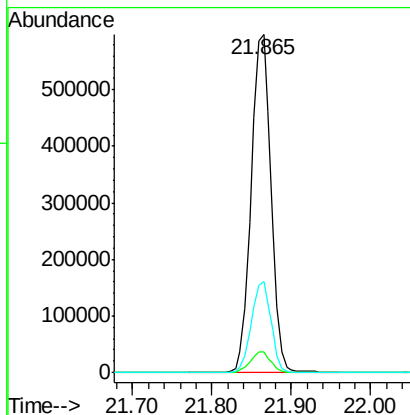
Tot Ion:240 Resp: 1043704

Ion Ratio Lower Upper

240 100

120 6.0 4.1 6.1

236 26.9 21.1 31.7



#78

Terphenyl-d14

Concen: 98.82 ng

RT: 20.161 min Scan# 2948

Delta R.T. 0.006 min

Lab File: BG023007.D

Acq: 11 Jul 2016 19:18

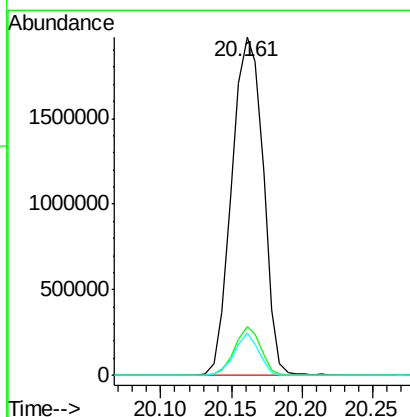
Tgt Ion:244 Resp: 3056905

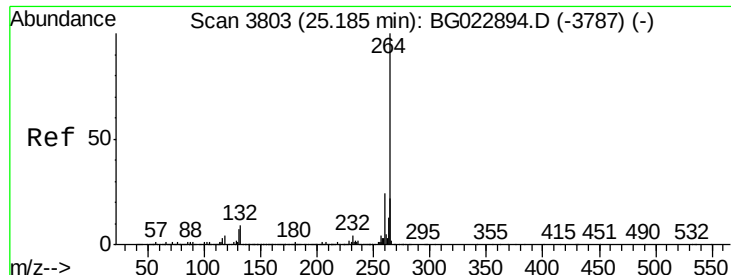
Ion Ratio Lower Upper

244 100

212 14.5 10.8 16.2

122 12.7 8.0 12.0#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 25.237 min Scan# 38

Delta R.T. 0.053 min

Lab File: BG023007.D

Acq: 11 Jul 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB92009BL

Tot Ion:264 Resp: 1025152

Ion Ratio Lower Upper

264 100

260 24.3 18.4 27.6

265 22.7 18.9 28.3

