

Data Path : Z:\HPCHEM1\BNA G\Data\BG071116\NRD\
 Data File : BG023010.D
 Acq On : 11 Jul 2016 21:18
 Operator : UM/SJ
 Sample : H3955-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-58-070716

Quant Time: Jul 12 09:37:47 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	8.152	152	96311	20.00	ng	0.00
21) Naphthalene-d8	10.978	136	497889	20.00	ng	0.00
38) Acenaphthene-d10	14.797	164	389127	20.00	ng	0.00
63) Phenanthrene-d10	17.553	188	918528	20.00	ng	0.00
75) Chrysene-d12	21.866	240	996586	20.00	ng	0.02
86) Perylene-d12	25.238	264	909679	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	52432	8.90	ng	0.00
7) Phenol-d6	7.300	99	92698	10.05	ng	0.00
23) Nitrobenzene-d5	9.321	82	74720	6.43	ng	0.00
41) 2,4,6-Tribromophenol	16.290	330	48305	6.91	ng	0.00
44) 2-Fluorobiphenyl	13.417	172	240202	9.72	ng	0.00
78) Terphenyl-d14	20.162	244	822114	16.65	ng	0.00

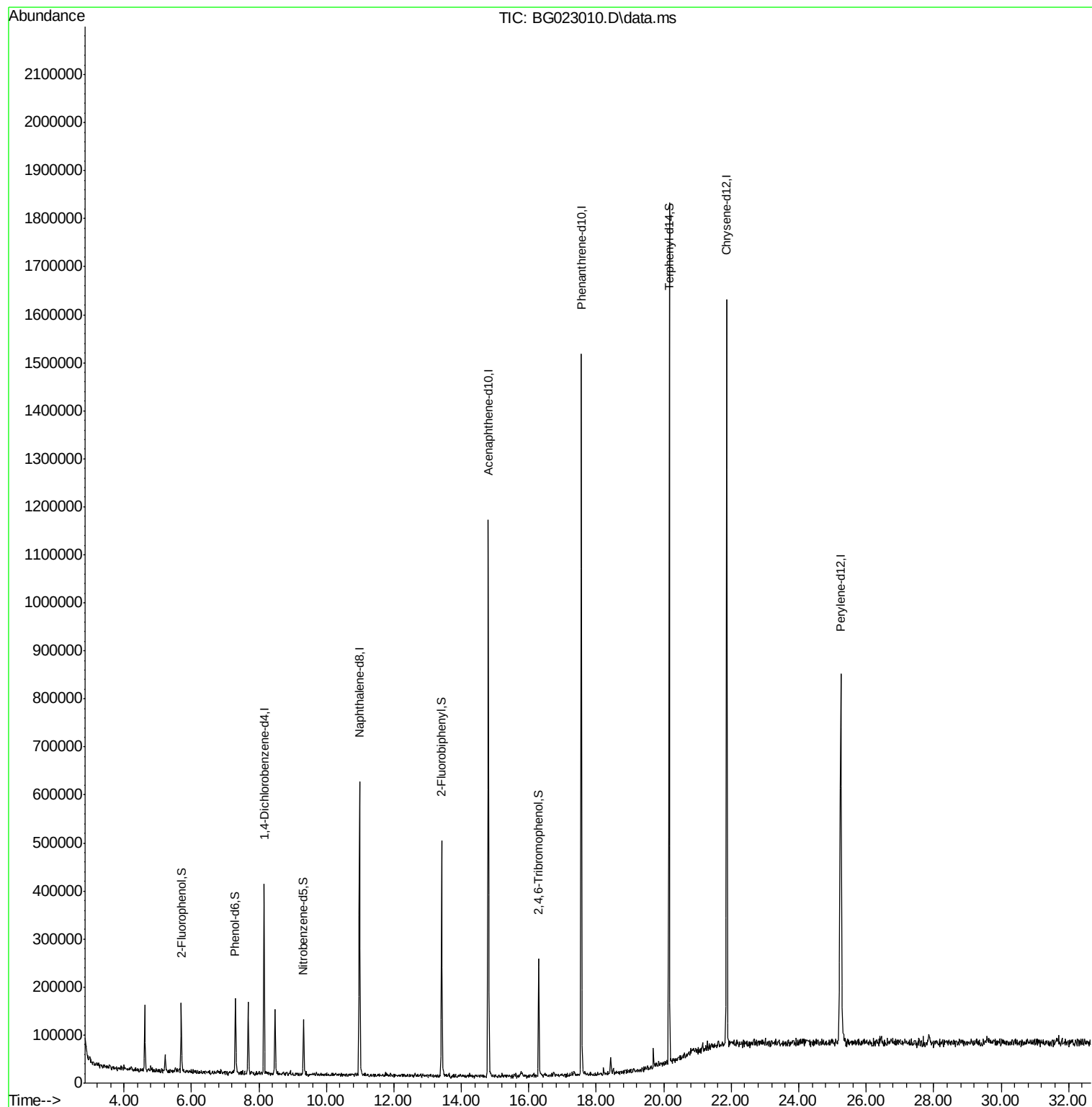
Target Compounds Qvalue

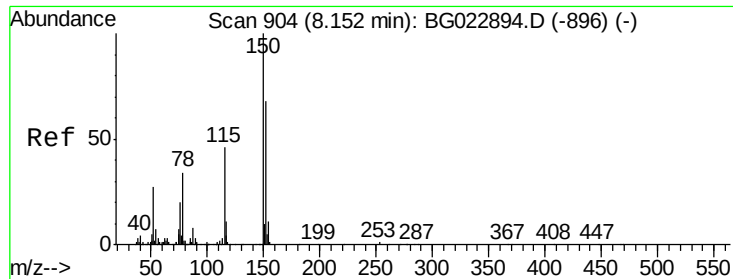
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.152 min Scan# 90

Delta R.T. 0.000 min

Lab File: BG023010.D

Acq: 11 Jul 2016 21:18

Instrument :

BNA_G

ClientSampleId :

HSR-WC-58-070716

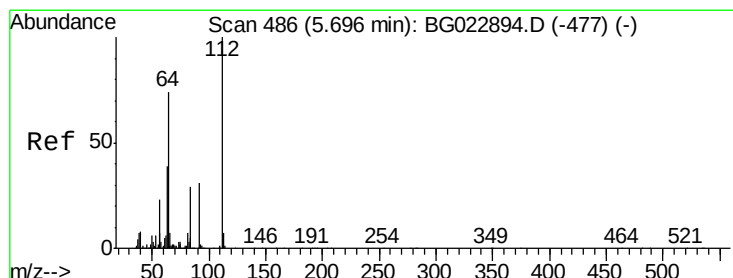
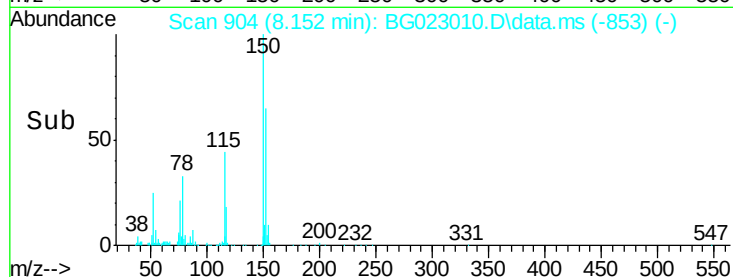
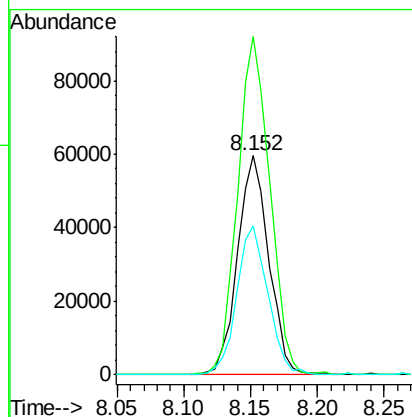
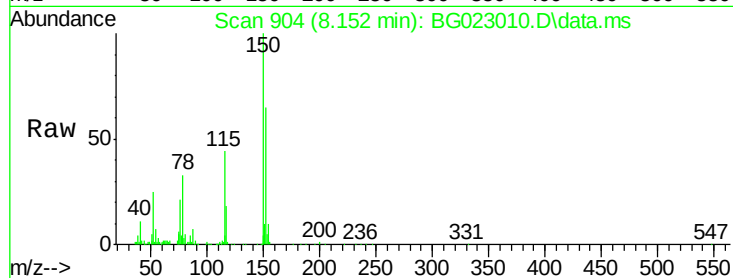
Tot Ion:152 Resp: 96311

Ion Ratio Lower Upper

152 100

150 154.5 144.7 217.1

115 67.8 64.0 96.0



#5

2-Fluorophenol

Concen: 8.90 ng

RT: 5.696 min Scan# 486

Delta R.T. 0.001 min

Lab File: BG023010.D

Acq: 11 Jul 2016 21:18

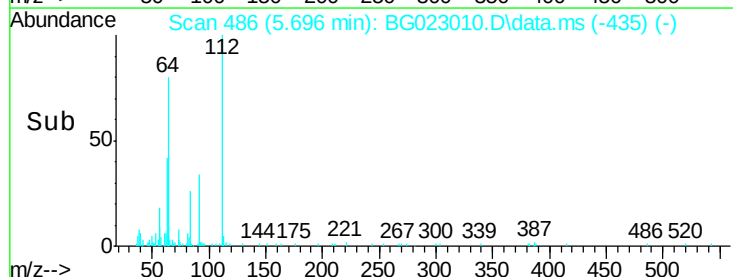
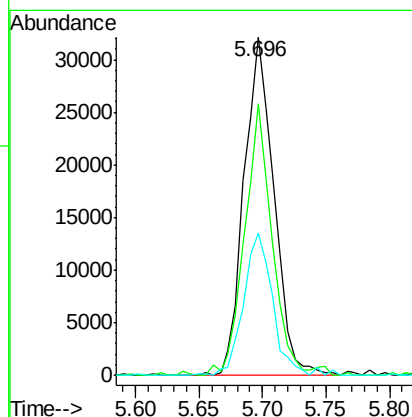
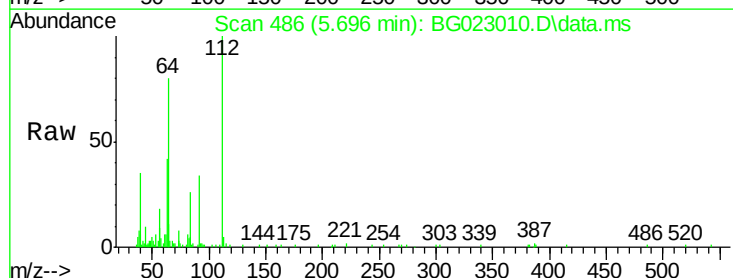
Tgt Ion:112 Resp: 52432

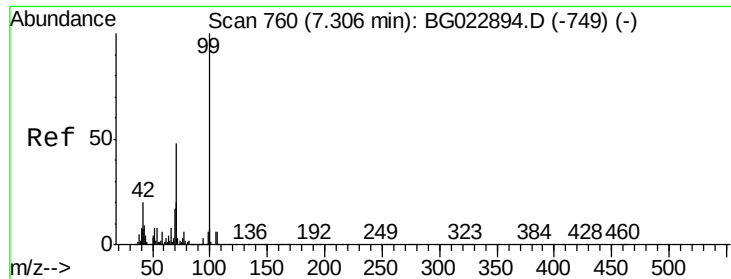
Ion Ratio Lower Upper

112 100

64 80.1 59.0 88.4

63 42.0 37.8 56.8





#7

Phenol-d6

Concen: 10.05 ng

RT: 7.300 min Scan# 75

Delta R.T. -0.005 min

Lab File: BG023010.D

Acq: 11 Jul 2016 21:18

Instrument :

BNA_G

ClientSampleId :

HSR-WC-58-070716

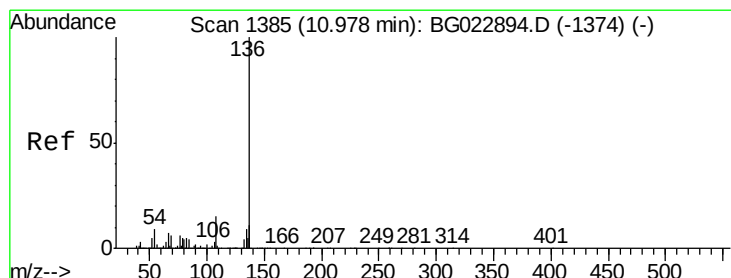
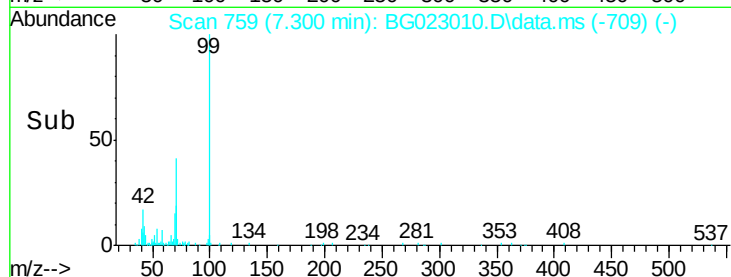
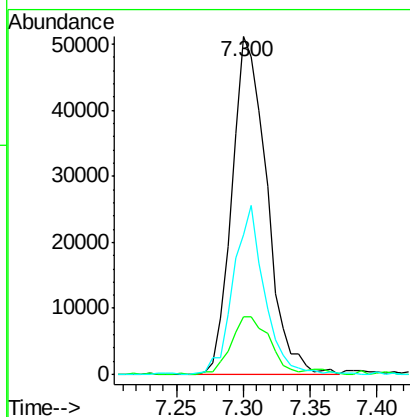
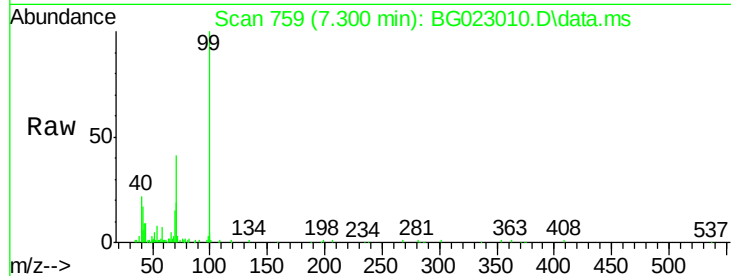
Tot Ion: 99 Resp: 92698

Ion Ratio Lower Upper

99 100

42 17.0 17.8 26.6#

71 41.4 41.5 62.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.978 min Scan# 1385

Delta R.T. 0.000 min

Lab File: BG023010.D

Acq: 11 Jul 2016 21:18

Tgt Ion: 136 Resp: 497889

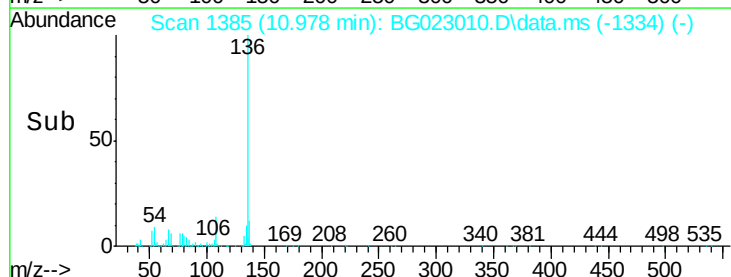
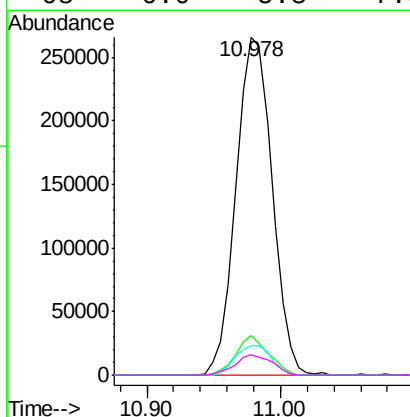
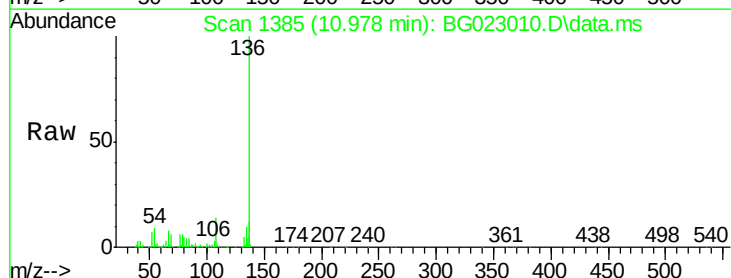
Ion Ratio Lower Upper

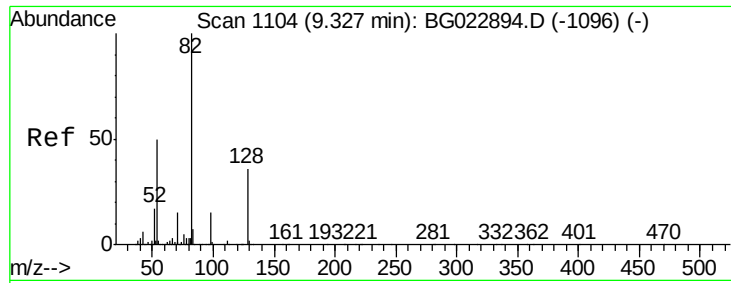
136 100

137 11.6 9.6 14.4

54 8.8 7.3 10.9

68 6.0 5.3 7.9





#23

Nitrobenzene-d5

Concen: 6.43 ng

RT: 9.321 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG023010.D

Acq: 11 Jul 2016 21:18

Instrument :

BNA_G

ClientSampleId :

HSR-WC-58-070716

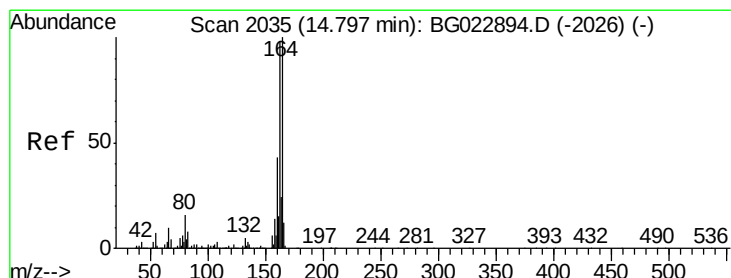
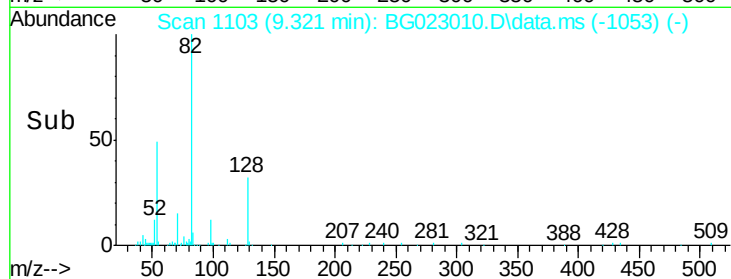
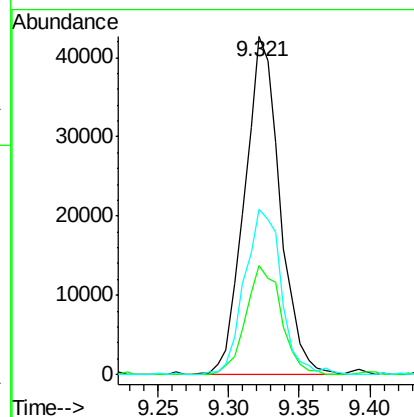
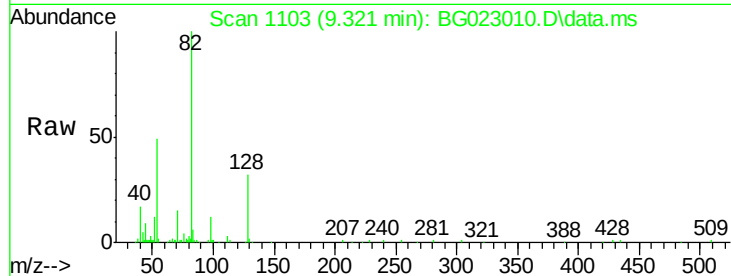
Tot Ion: 82 Resp: 74720

Ion Ratio Lower Upper

82 100

128 32.2 24.4 36.6

54 49.0 41.4 62.0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.797 min Scan# 2035

Delta R.T. 0.000 min

Lab File: BG023010.D

Acq: 11 Jul 2016 21:18

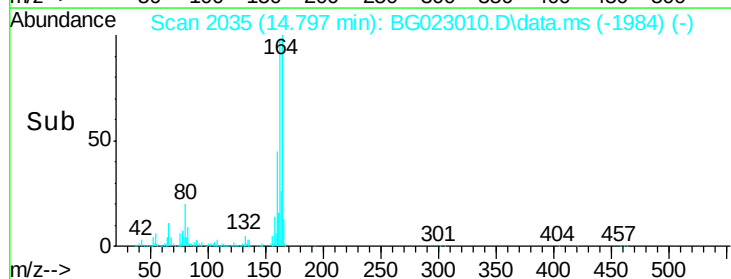
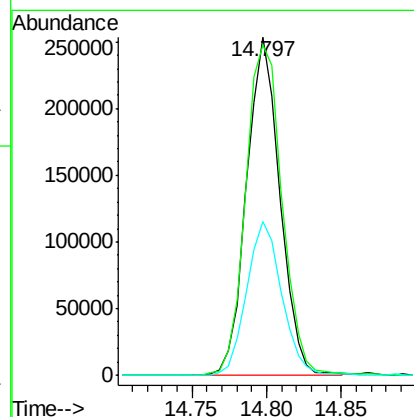
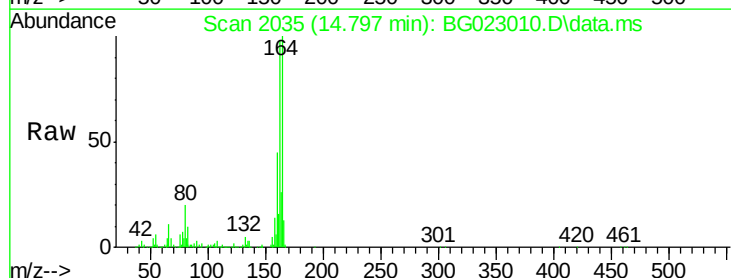
Tgt Ion: 164 Resp: 389127

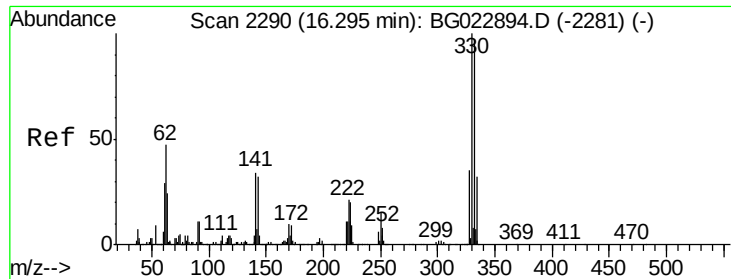
Ion Ratio Lower Upper

164 100

162 97.6 87.7 131.5

160 45.3 37.2 55.8

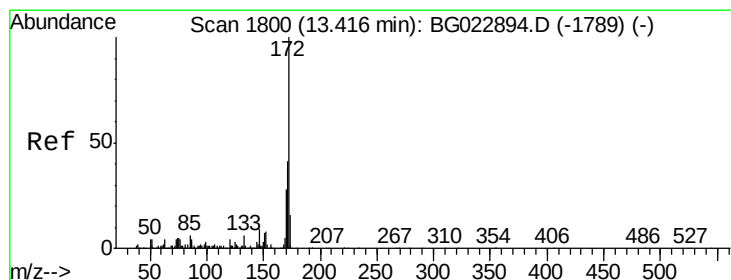
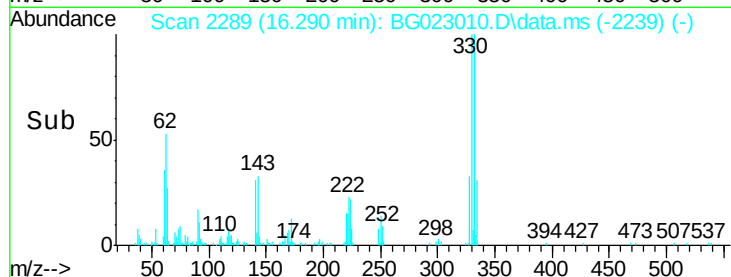
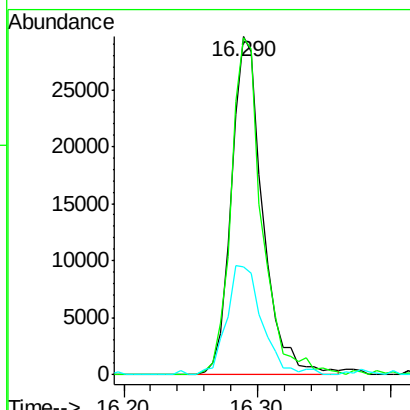
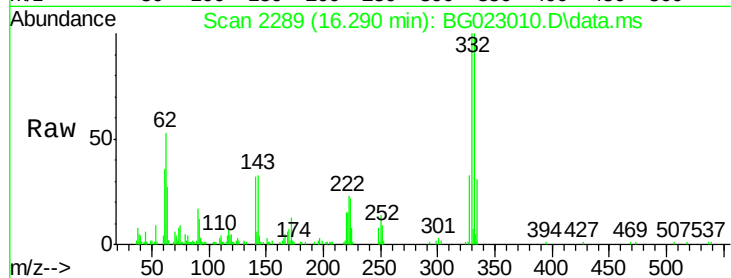




#41
2,4,6-Tribromophenol
Concen: 6.91 ng
RT: 16.290 min Scan# 22
Delta R.T. -0.005 min
Lab File: BG023010.D
Acq: 11 Jul 2016 21:18

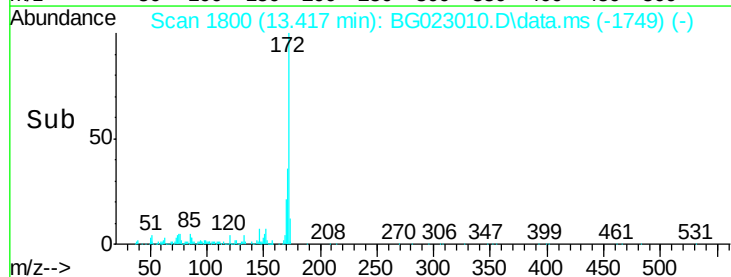
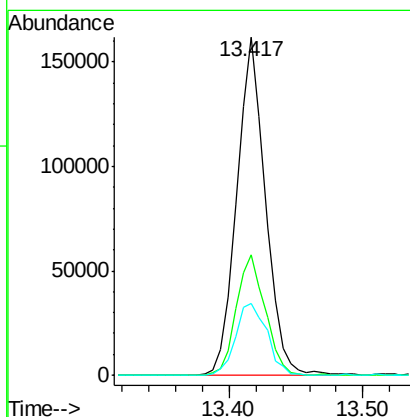
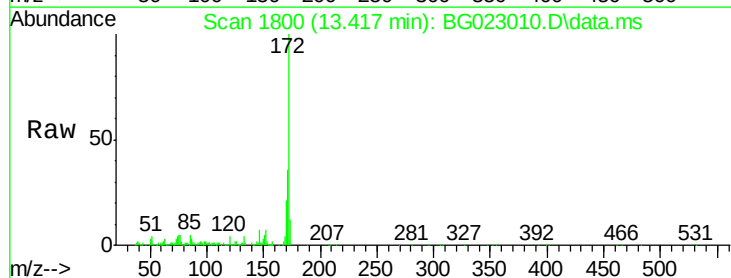
Instrument :
BNA_G
ClientSampleId :
HSR-WC-58-070716

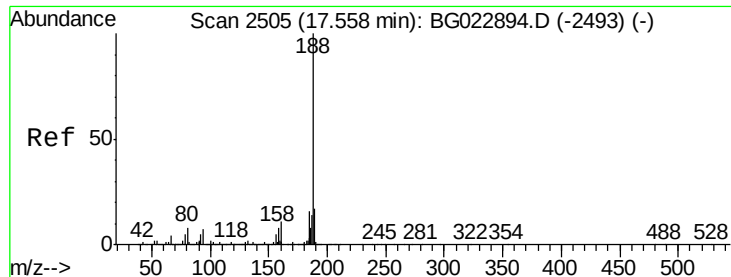
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.4	116.2
141	36.5	31.7	47.5



#44
2-Fluorobiphenyl
Concen: 9.72 ng
RT: 13.417 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BG023010.D
Acq: 11 Jul 2016 21:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	31.6	47.4
170	21.4	21.3	31.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.553 min Scan# 25

Delta R.T. -0.005 min

Lab File: BG023010.D

Acq: 11 Jul 2016 21:18

Instrument :

BNA_G

ClientSampleId :

HSR-WC-58-070716

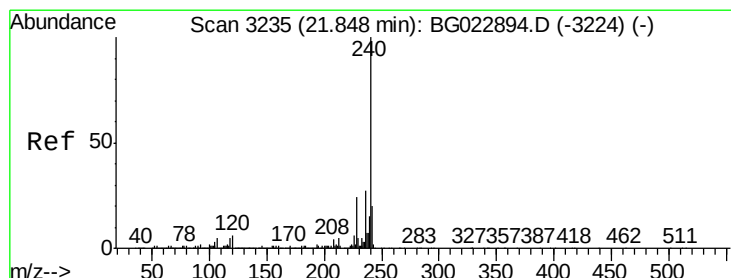
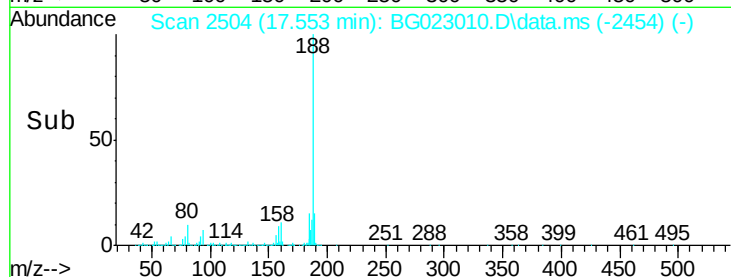
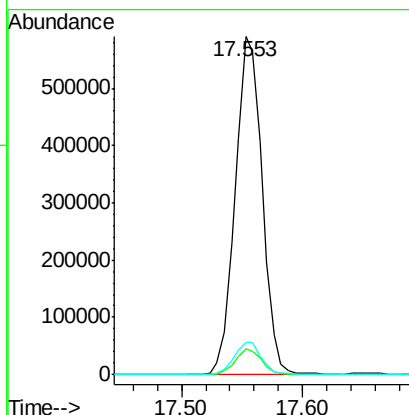
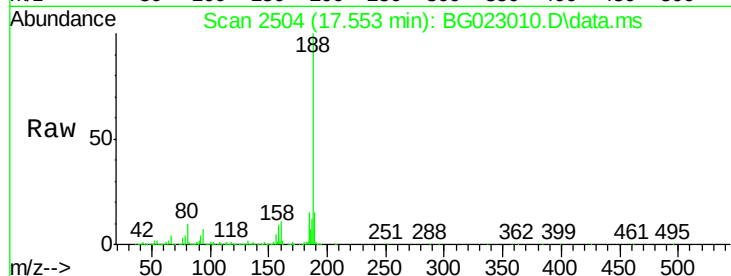
Tot Ion:188 Resp: 918528

Ion Ratio Lower Upper

188 100

94 7.4 5.2 7.8

80 9.6 7.2 10.8



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.866 min Scan# 3238

Delta R.T. 0.018 min

Lab File: BG023010.D

Acq: 11 Jul 2016 21:18

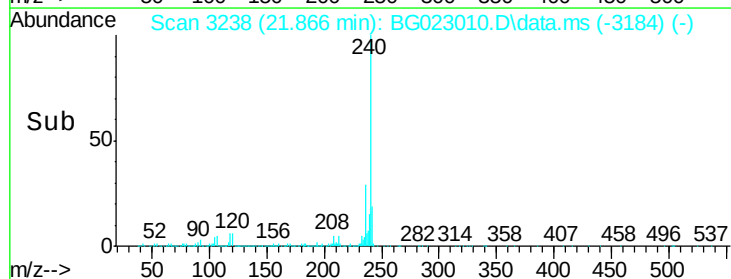
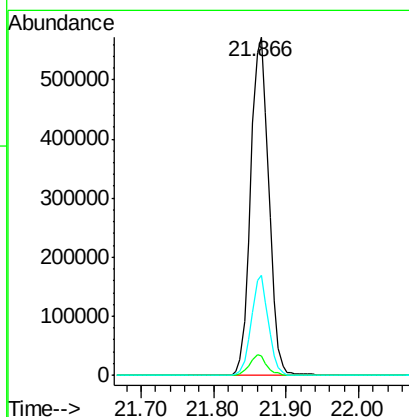
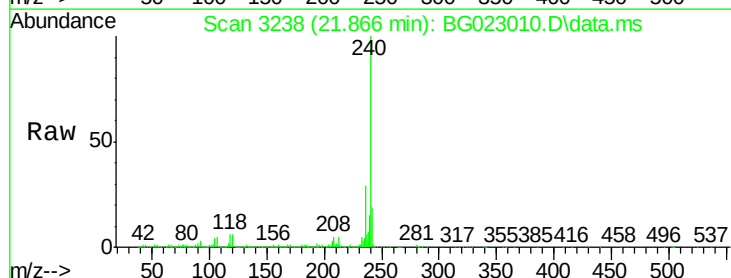
Tgt Ion:240 Resp: 996586

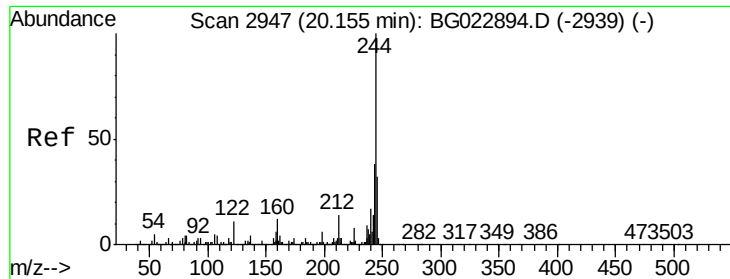
Ion Ratio Lower Upper

240 100

120 5.7 4.1 6.1

236 29.4 21.1 31.7





#78

Terphenyl-d14

Concen: 16.65 ng

RT: 20.162 min Scan# 29

Delta R.T. 0.007 min

Lab File: BG023010.D

Acq: 11 Jul 2016 21:18

Instrument :

BNA_G

ClientSampleId :

HSR-WC-58-070716

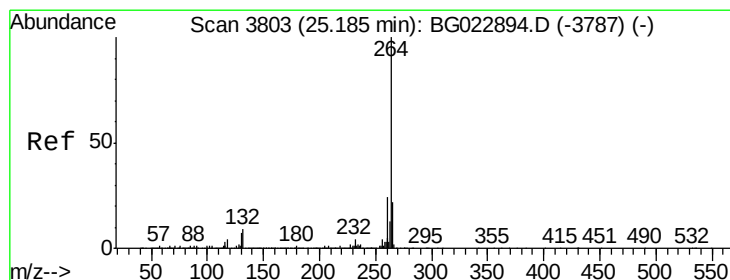
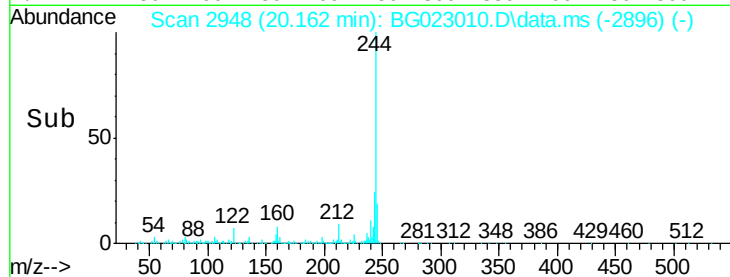
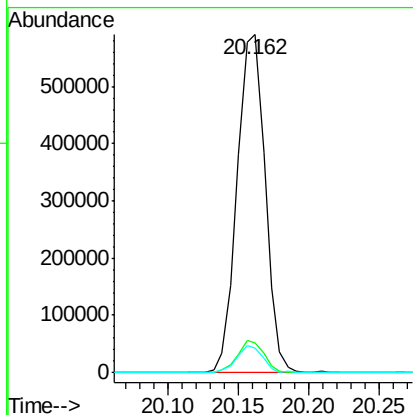
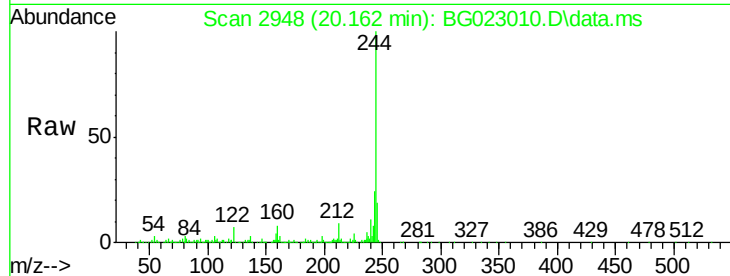
Tot Ion:244 Resp: 822114

Ion Ratio Lower Upper

244 100

212 8.8 10.8 16.2#

122 7.3 8.0 12.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.238 min Scan# 3812

Delta R.T. 0.053 min

Lab File: BG023010.D

Acq: 11 Jul 2016 21:18

Tgt Ion:264 Resp: 909679

Ion Ratio Lower Upper

264 100

260 22.9 18.4 27.6

265 20.8 18.9 28.3

