

Data Path : Z:\HPCHEM1\BNA G\Data\BG071116\NRD\
 Data File : BG023009.D
 Acq On : 11 Jul 2016 20:38
 Operator : UM/SJ
 Sample : H3951-24
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LSS-EB01

Quant Time: Jul 12 09:37:23 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	8.155	152	102906	20.00	ng	0.00
21) Naphthalene-d8	10.981	136	492324	20.00	ng	0.00
38) Acenaphthene-d10	14.800	164	393709	20.00	ng	0.00
63) Phenanthrene-d10	17.562	188	911053	20.00	ng	0.00
75) Chrysene-d12	21.868	240	1023871	20.00	ng	0.02
86) Perylene-d12	25.247	264	1011151	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	368599	58.58	ng	0.00
7) Phenol-d6	7.303	99	373337	37.88	ng	0.00
23) Nitrobenzene-d5	9.324	82	1043756	90.78	ng	0.00
41) 2,4,6-Tribromophenol	16.299	330	784810	110.91	ng	0.00
44) 2-Fluorobiphenyl	13.420	172	2177240	87.11	ng	0.00
78) Terphenyl-d14	20.165	244	3091709	104.54	ng	0.00

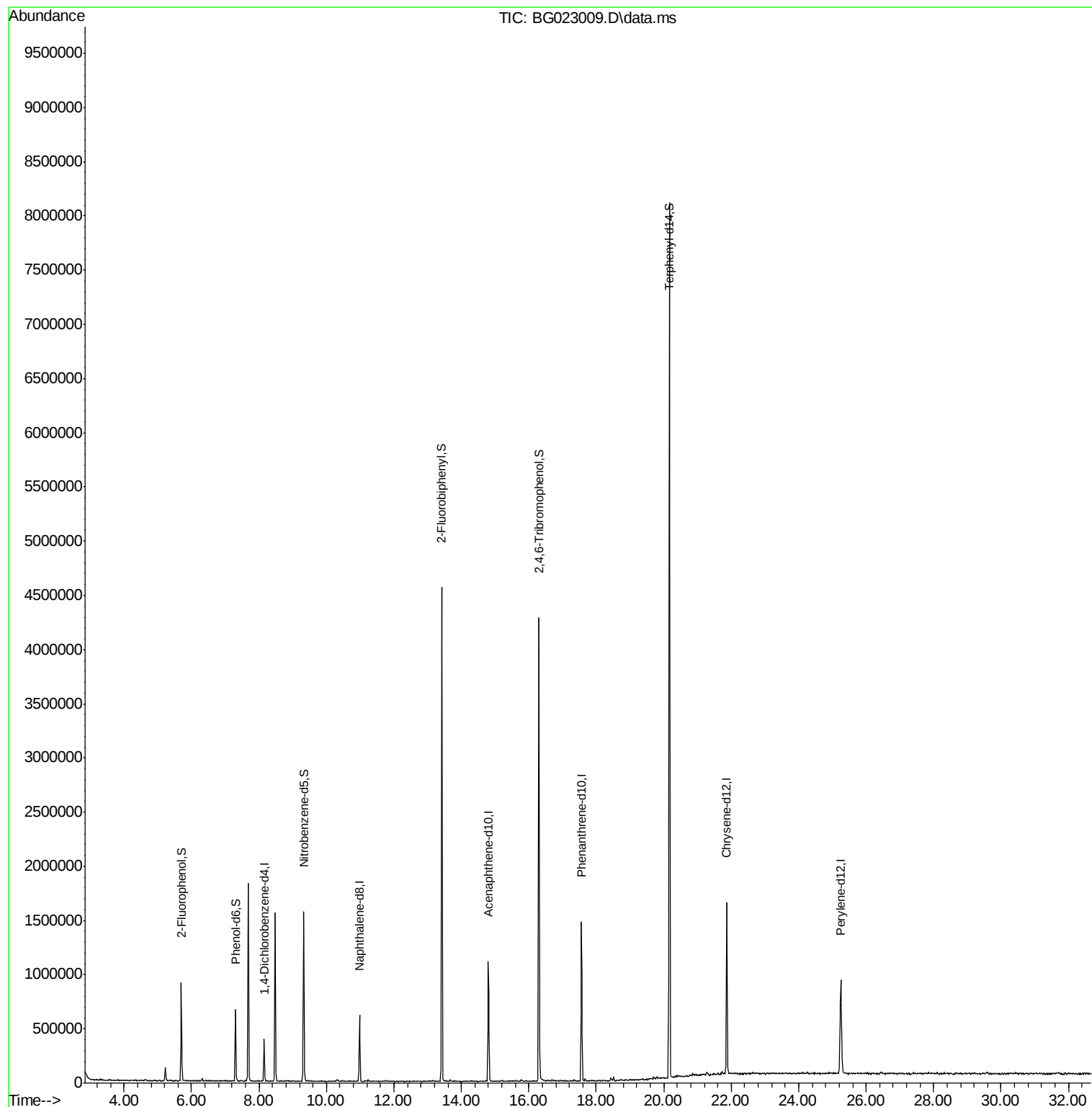
Target Compounds Qvalue

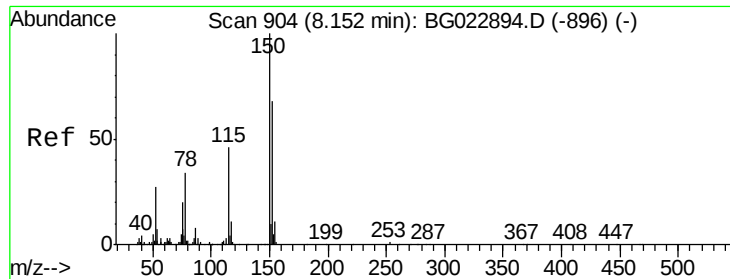
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.155 min Scan# 90

Delta R.T. 0.003 min

Lab File: BG023009.D

Acq: 11 Jul 2016 20:38

Instrument :

BNA_G

ClientSampleId :

LSS-EB01

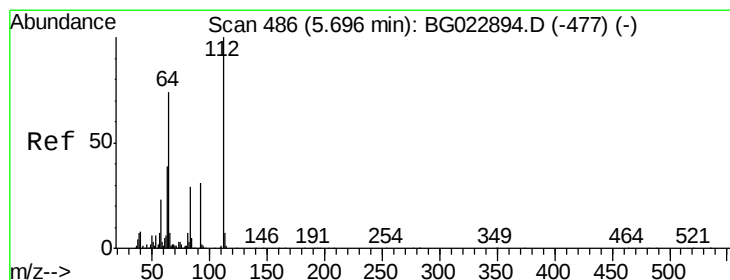
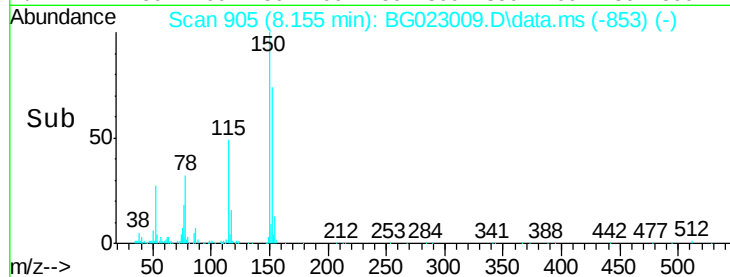
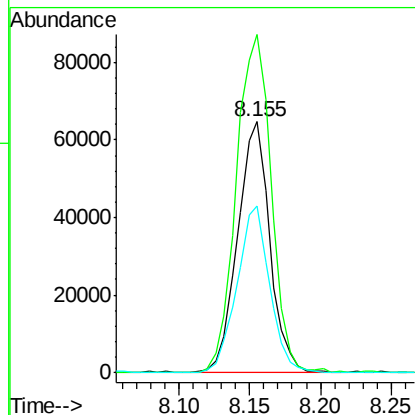
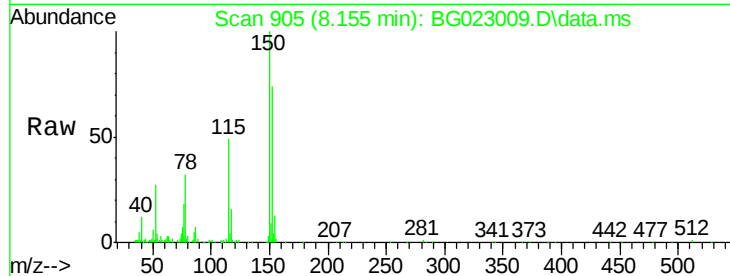
Tot Ion:152 Resp: 102906

Ion Ratio Lower Upper

152 100

150 134.9 144.7 217.1#

115 66.6 64.0 96.0



#5

2-Fluorophenol

Concen: 58.58 ng

RT: 5.693 min Scan# 486

Delta R.T. -0.002 min

Lab File: BG023009.D

Acq: 11 Jul 2016 20:38

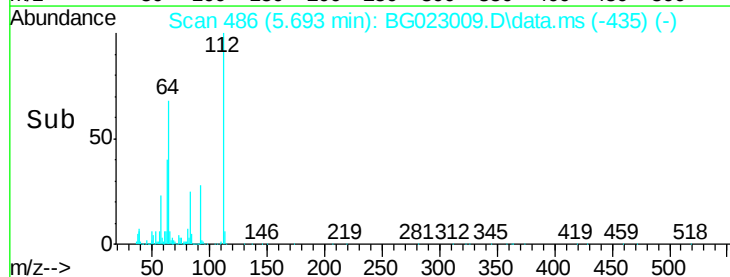
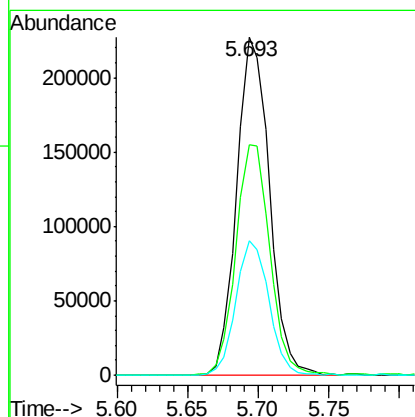
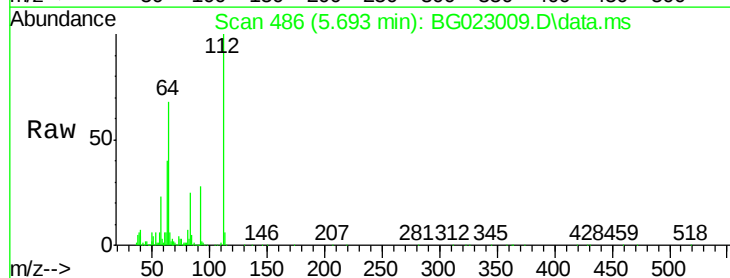
Tgt Ion:112 Resp: 368599

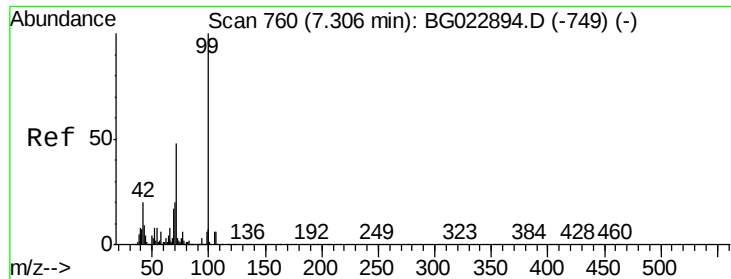
Ion Ratio Lower Upper

112 100

64 68.2 59.0 88.4

63 39.8 37.8 56.8





#7

Phenol-d6

Concen: 37.88 ng

RT: 7.303 min Scan# 760

Delta R.T. -0.003 min

Lab File: BG023009.D

Acq: 11 Jul 2016 20:38

Instrument :

BNA_G

ClientSampleId :

LSS-EB01

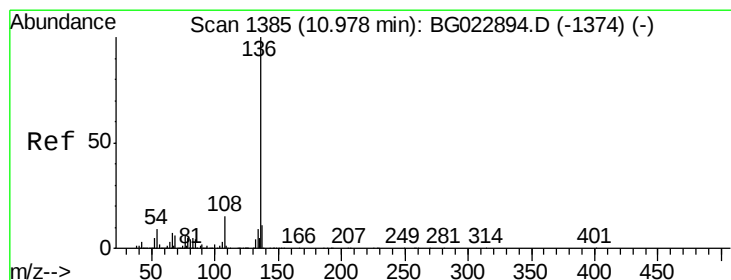
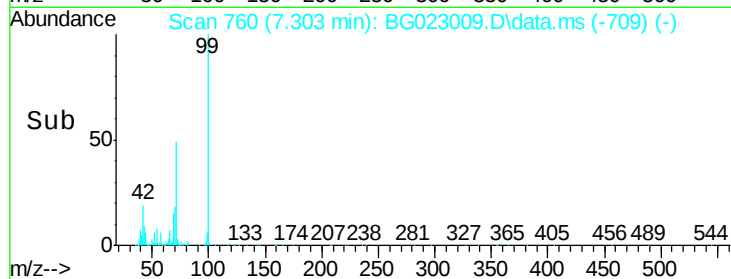
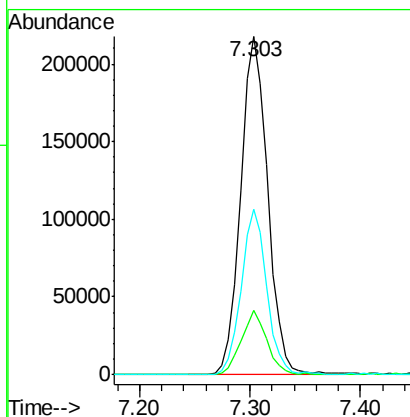
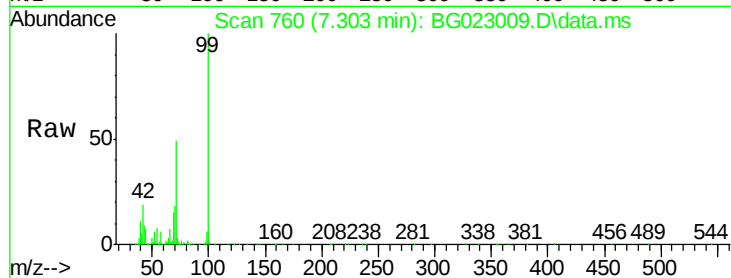
Tot Ion: 99 Resp: 373337

Ion Ratio Lower Upper

99 100

42 19.1 17.8 26.6

71 49.0 41.5 62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.981 min Scan# 1386

Delta R.T. 0.003 min

Lab File: BG023009.D

Acq: 11 Jul 2016 20:38

Tgt Ion: 136 Resp: 492324

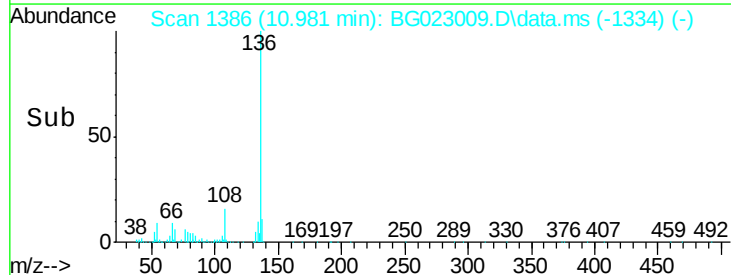
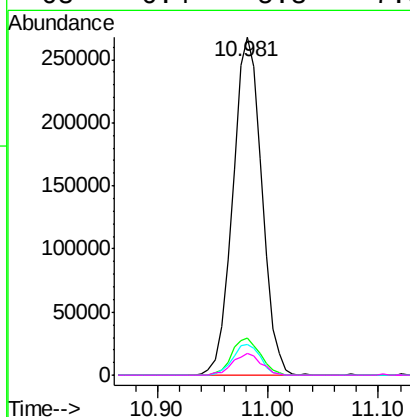
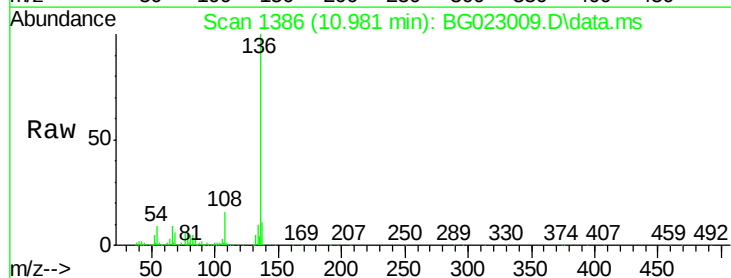
Ion Ratio Lower Upper

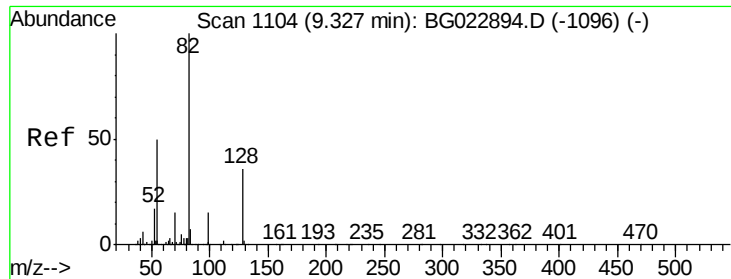
136 100

137 11.1 9.6 14.4

54 9.2 7.3 10.9

68 6.4 5.3 7.9





#23

Nitrobenzene-d5

Concen: 90.78 ng

RT: 9.324 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG023009.D

Acq: 11 Jul 2016 20:38

Instrument :

BNA_G

ClientSampleId :

LSS-EB01

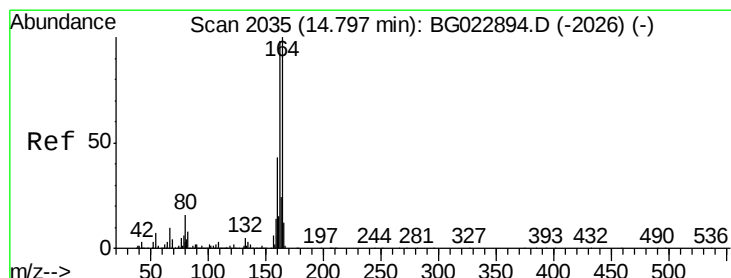
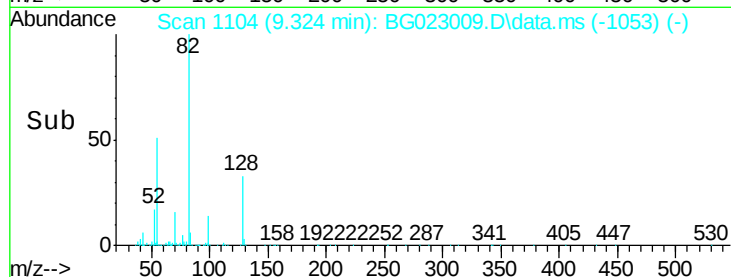
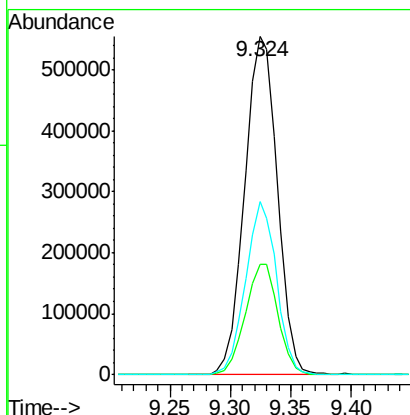
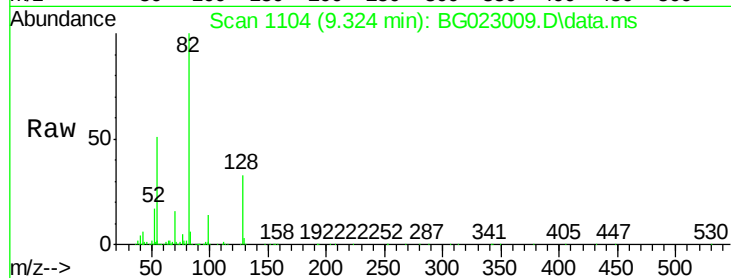
Tot Ion: 82 Resp: 1043756

Ion Ratio Lower Upper

82 100

128 32.8 24.4 36.6

54 51.1 41.4 62.0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.800 min Scan# 2036

Delta R.T. 0.003 min

Lab File: BG023009.D

Acq: 11 Jul 2016 20:38

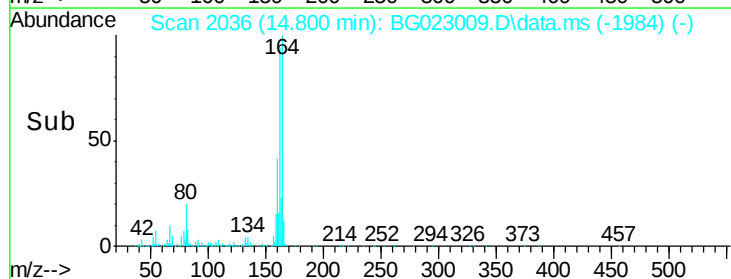
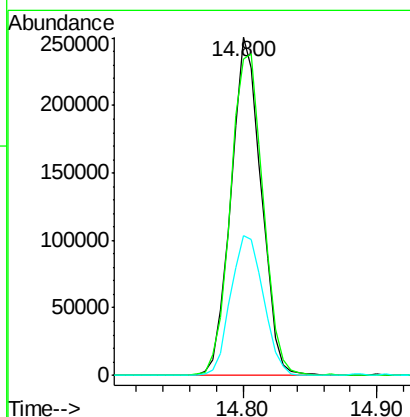
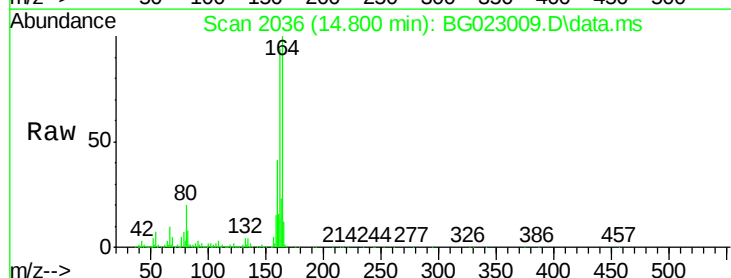
Tgt Ion: 164 Resp: 393709

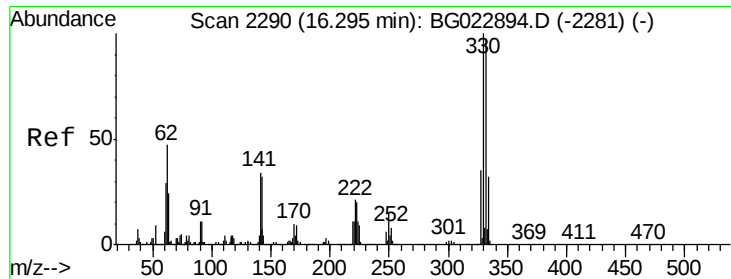
Ion Ratio Lower Upper

164 100

162 93.6 87.7 131.5

160 41.2 37.2 55.8

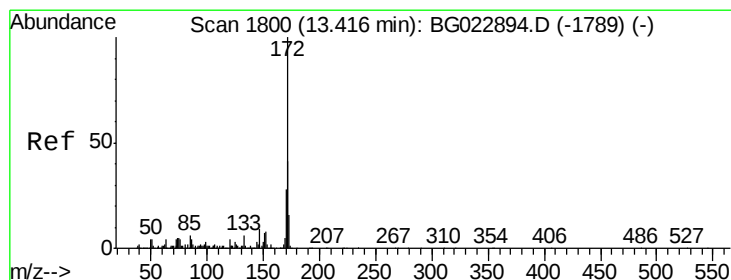
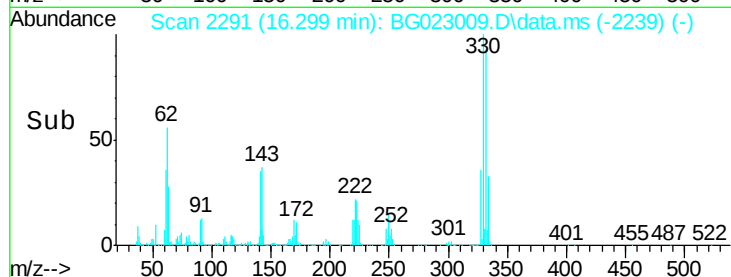
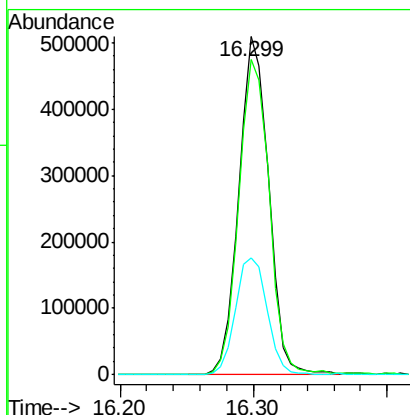
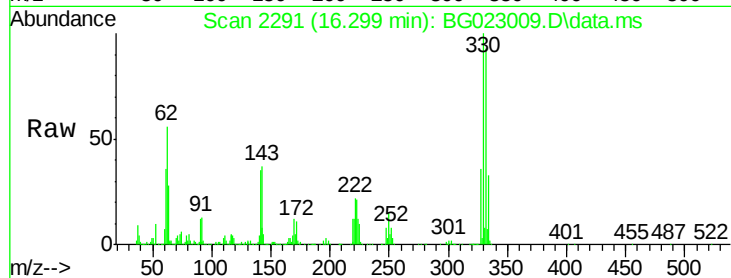




#41
 2,4,6-Tribromophenol
 Concen: 110.91 ng
 RT: 16.299 min Scan# 2290
 Delta R.T. 0.003 min
 Lab File: BG023009.D
 Acq: 11 Jul 2016 20:38

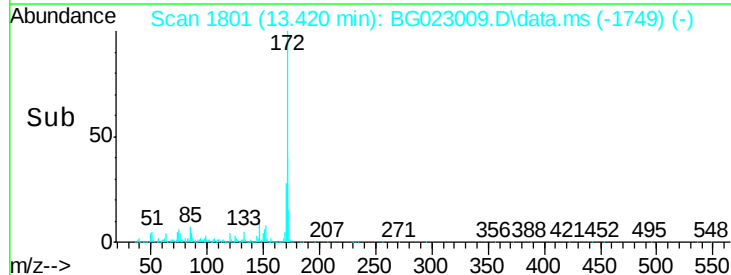
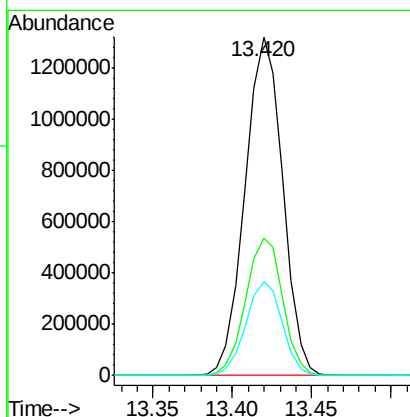
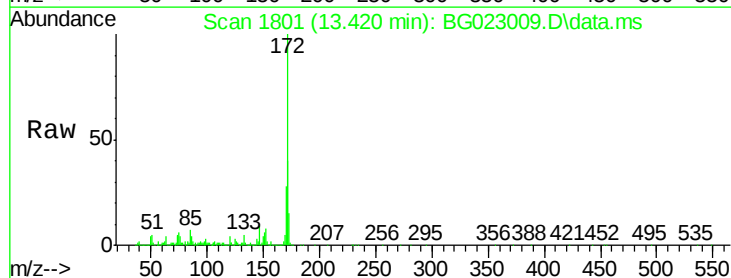
Instrument :
 BNA_G
 ClientSampleId :
 LSS-EB01

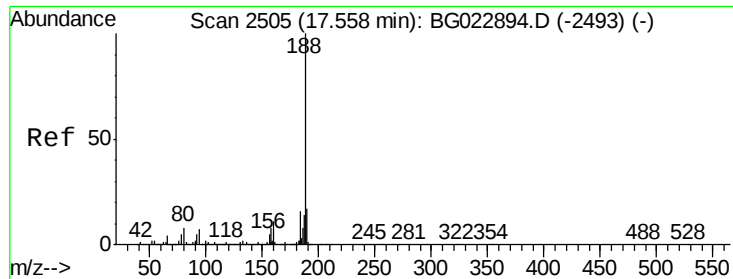
Tot Ion:330 Resp: 784810
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.2
 141 36.7 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 87.11 ng
 RT: 13.420 min Scan# 1801
 Delta R.T. 0.003 min
 Lab File: BG023009.D
 Acq: 11 Jul 2016 20:38

Tgt Ion:172 Resp: 2177240
 Ion Ratio Lower Upper
 172 100
 171 40.4 31.6 47.4
 170 27.8 21.3 31.9

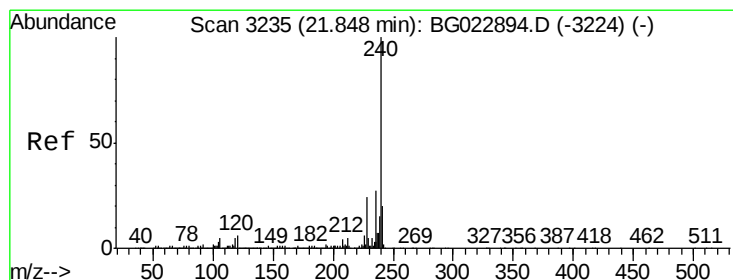
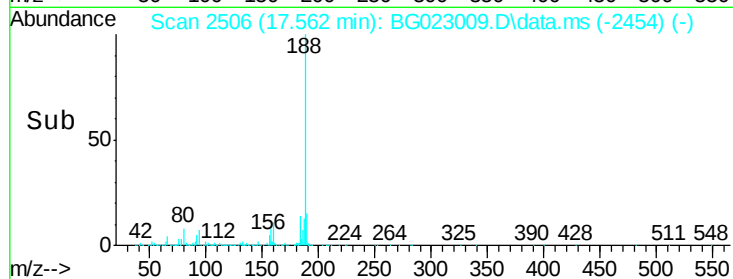
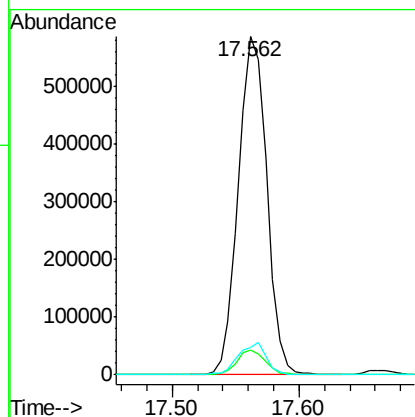
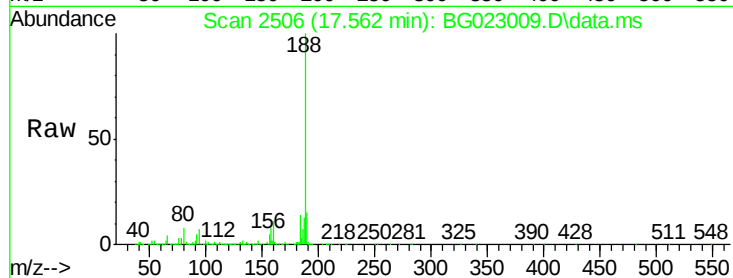




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.562 min Scan# 25
Delta R.T. 0.003 min
Lab File: BG023009.D
Acq: 11 Jul 2016 20:38

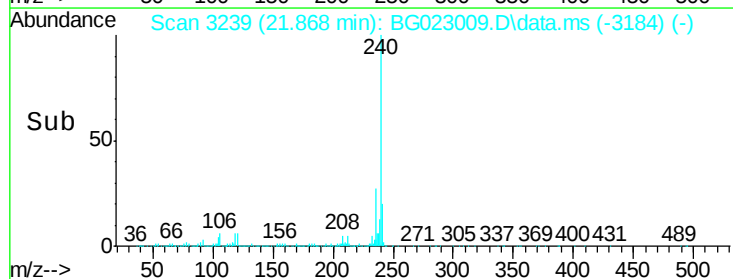
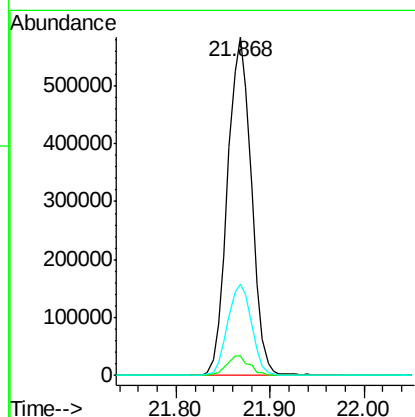
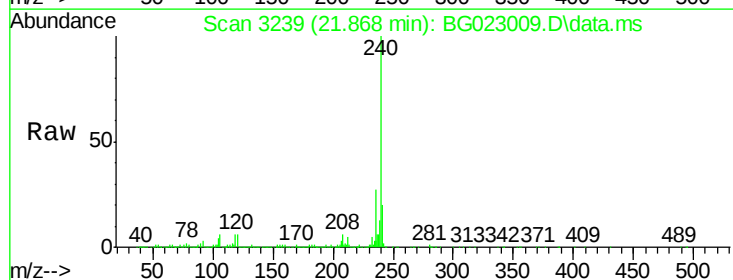
Instrument :
BNA_G
ClientSampleId :
LSS-EB01

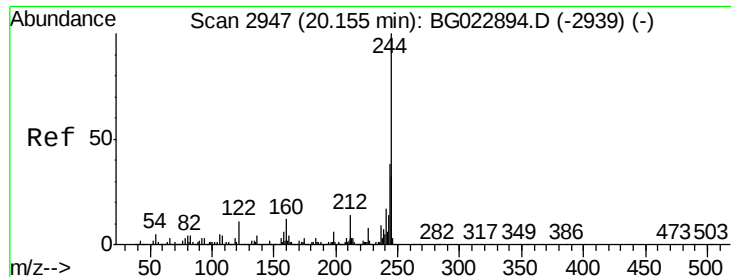
Tot Ion:188 Resp: 911053
Ion Ratio Lower Upper
188 100
94 7.4 5.2 7.8
80 8.1 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.868 min Scan# 3239
Delta R.T. 0.021 min
Lab File: BG023009.D
Acq: 11 Jul 2016 20:38

Tgt Ion:240 Resp: 1023871
Ion Ratio Lower Upper
240 100
120 5.7 4.1 6.1
236 26.9 21.1 31.7





#78

Terphenyl-d14

Concen: 104.54 ng

RT: 20.165 min Scan# 29

Delta R.T. 0.010 min

Lab File: BG023009.D

Acq: 11 Jul 2016 20:38

Instrument :

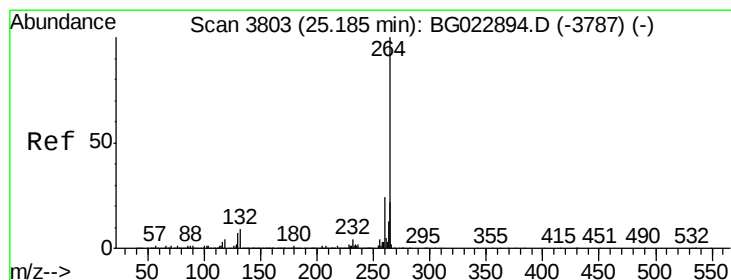
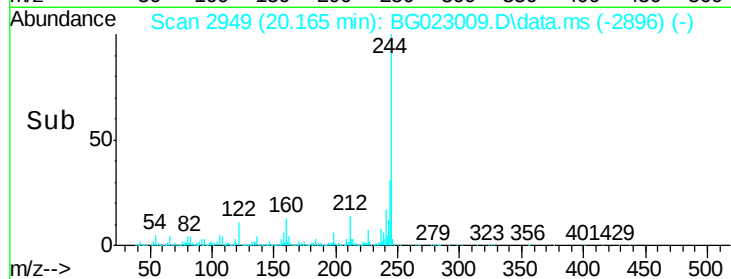
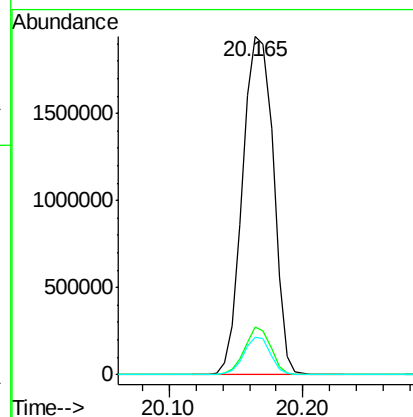
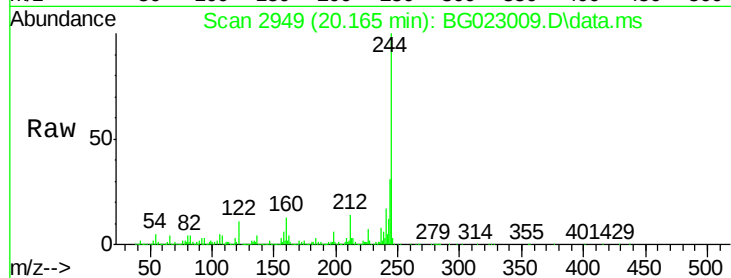
BNA_G

ClientSampleId :

LSS-EB01

Tot Ion:244 Resp: 3091709

Ion	Ratio	Lower	Upper
244	100		
212	14.1	10.8	16.2
122	11.0	8.0	12.0



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.247 min Scan# 3814

Delta R.T. 0.062 min

Lab File: BG023009.D

Acq: 11 Jul 2016 20:38

Tgt Ion:264 Resp: 1011151

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.4	27.6
265	22.5	18.9	28.3

