

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072316\
 Data File : BG023243.D
 Acq On : 23 Jul 2016 9:34
 Operator : UM/SJ
 Sample : H4133-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D-36

Quant Time: Jul 25 13:25:06 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 15:46:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	96105	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	435398	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	121548	20.00	ng	0.01
63) Phenanthrene-d10	17.57	188	644663	20.00	ng	0.02
75) Chrysene-d12	21.89	240	323634	20.00	ng	0.01
86) Perylene-d12	25.31	264	13218	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	757946	128.99	ng	0.00
7) Phenol-d6	7.30	99	679451	73.83	ng	0.00
23) Nitrobenzene-d5	9.32	82	924047	90.88	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	486504	222.71	ng	0.01
44) 2-Fluorobiphenyl	13.43	172	1619057	209.81	ng	0.01
78) Terphenyl-d14	0.00	244	0d	0.00	ng	

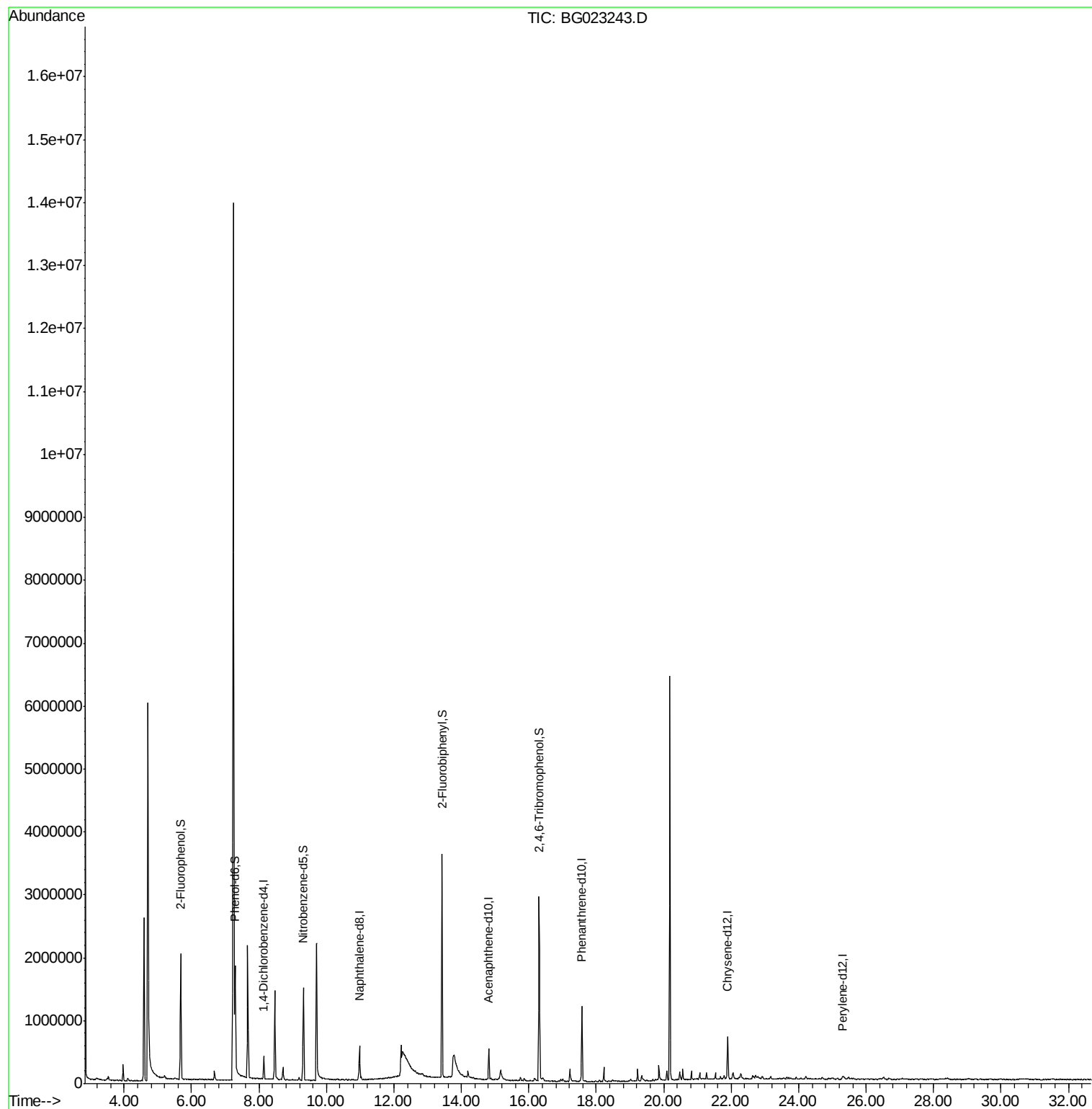
Target Compounds Qvalue

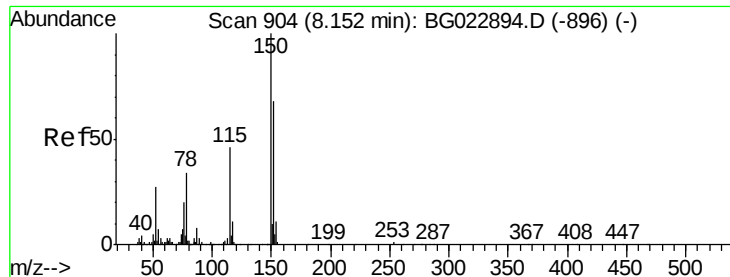
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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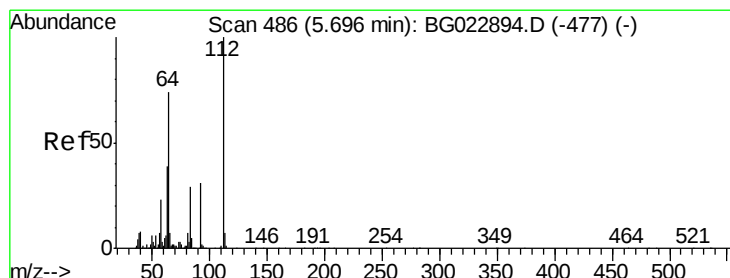
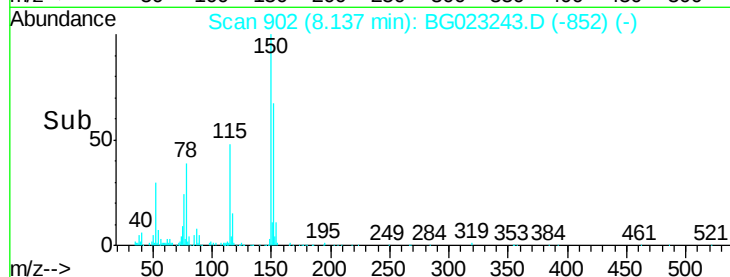
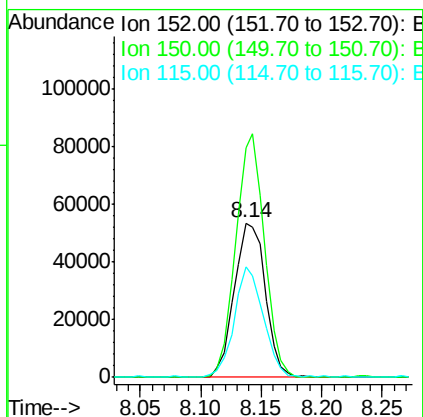
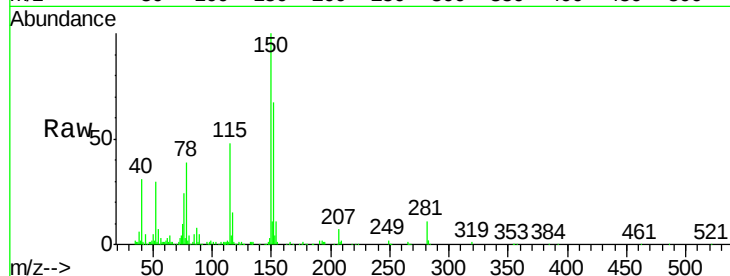


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.01 min
Lab File: BG023243.D
Acq: 23 Jul 2016 9:34

Instrument :
BNA_G
ClientSampleId :
D-36

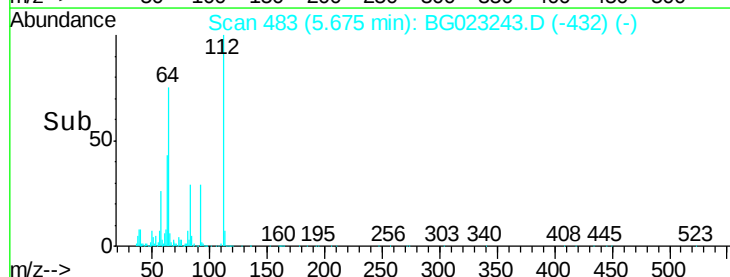
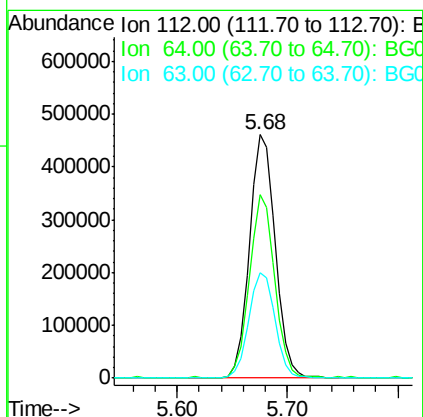
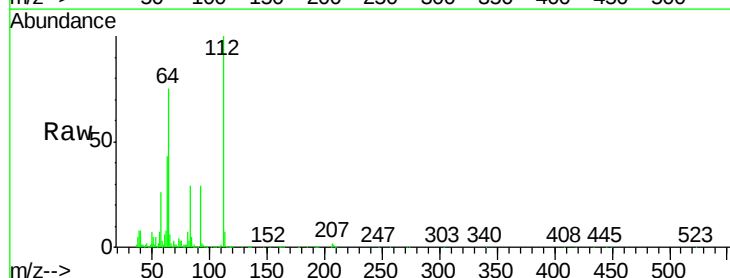
Tgt Ion:152 Resp: 96105
Ion Ratio Lower Upper
152 100
150 148.4 144.7 217.1
115 71.4 64.0 96.0

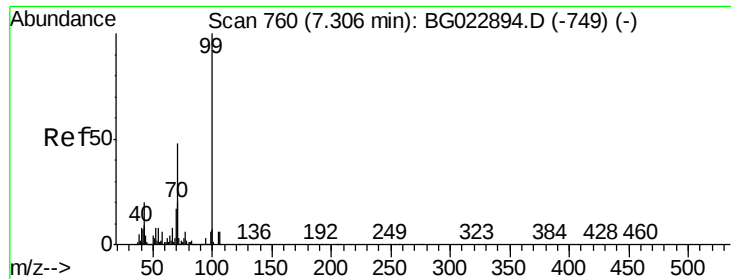


#5

2-Fluorophenol
Concen: 128.99 ng
RT: 5.68 min Scan# 483
Delta R.T. -0.00 min
Lab File: BG023243.D
Acq: 23 Jul 2016 9:34

Tgt Ion:112 Resp: 757946
Ion Ratio Lower Upper
112 100
64 75.4 59.0 88.4
63 43.4 37.8 56.8





#7

Phenol-d6

Concen: 73.83 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG023243.D

Acq: 23 Jul 2016 9:34

Instrument :

BNA_G

ClientSampleId :

D-36

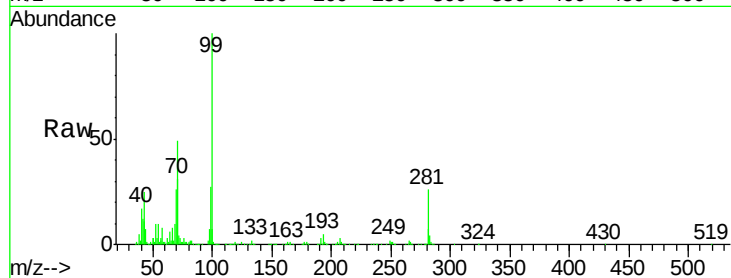
Tgt Ion: 99 Resp: 679451

Ion Ratio Lower Upper

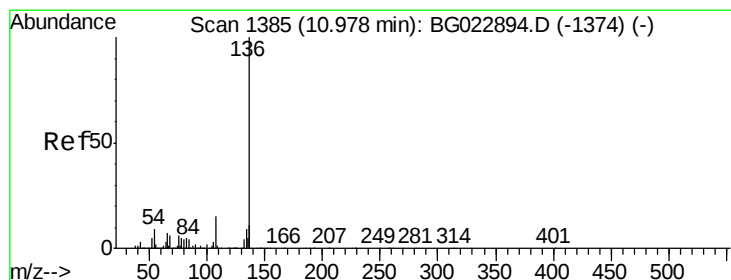
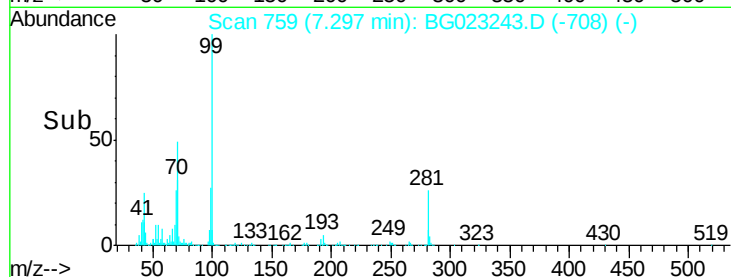
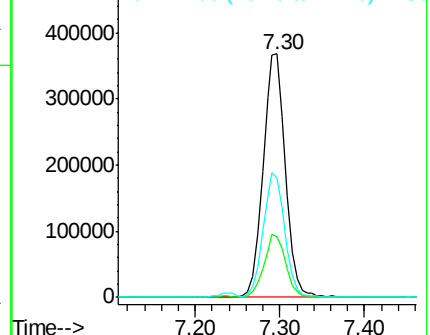
99 100

42 24.6 17.8 26.6

71 49.3 41.5 62.3



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: 10.98 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BG023243.D

Acq: 23 Jul 2016 9:34

Tgt Ion: 136 Resp: 435398

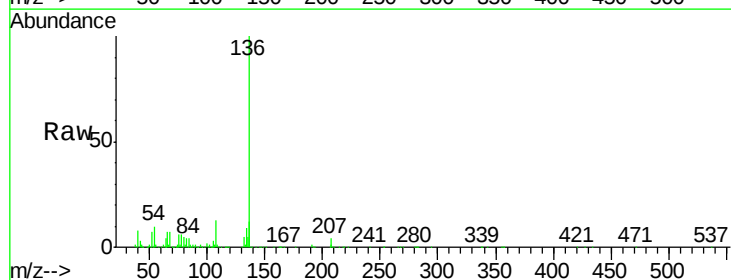
Ion Ratio Lower Upper

136 100

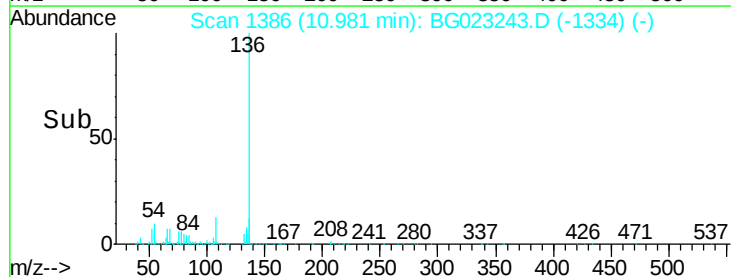
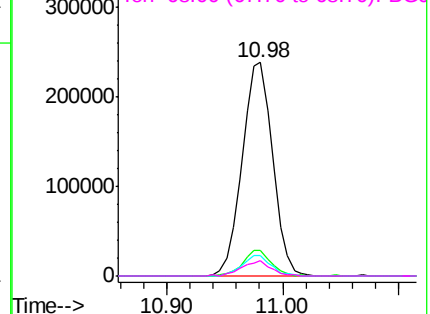
137 12.0 9.6 14.4

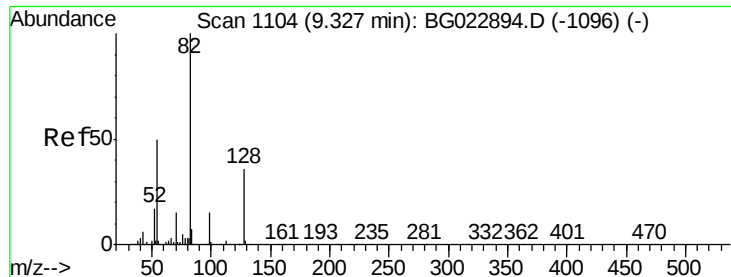
54 9.7 7.3 10.9

68 7.0 5.3 7.9



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

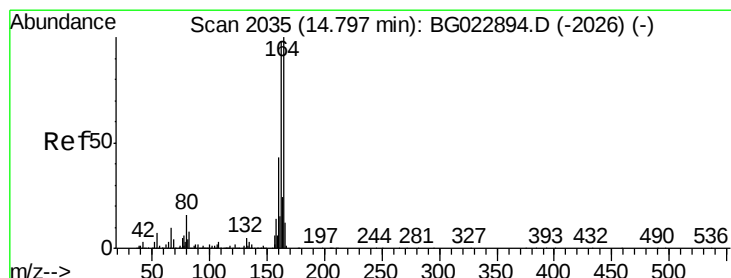
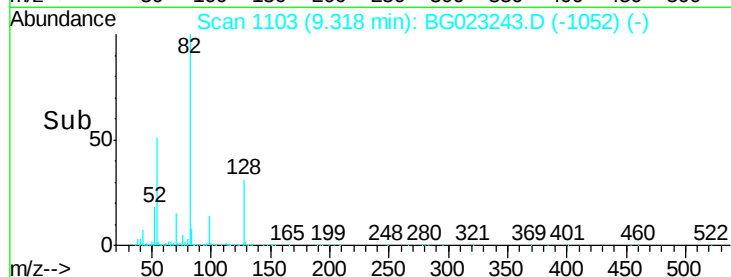
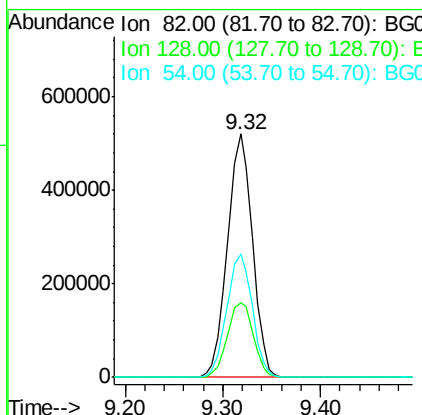
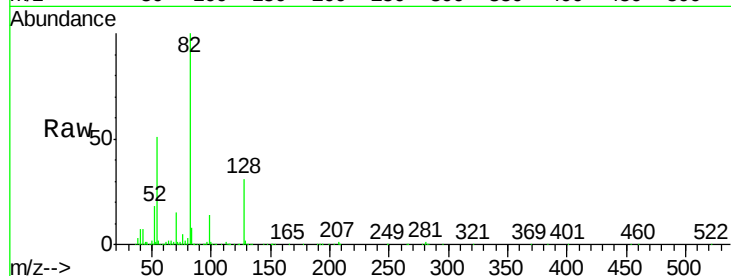




#23
 Nitrobenzene-d5
 Concen: 90.88 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: BG023243.D
 Acq: 23 Jul 2016 9:34

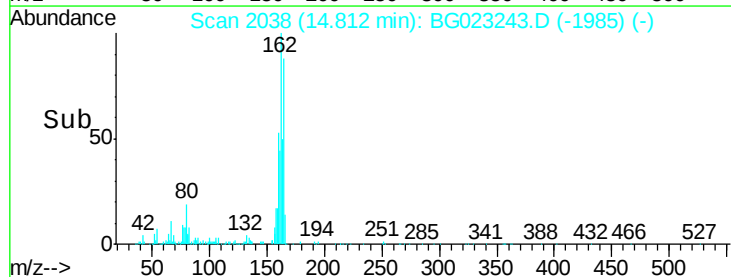
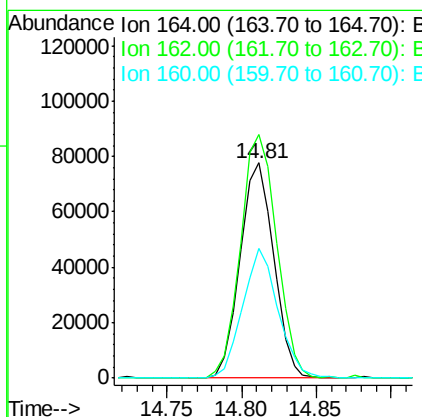
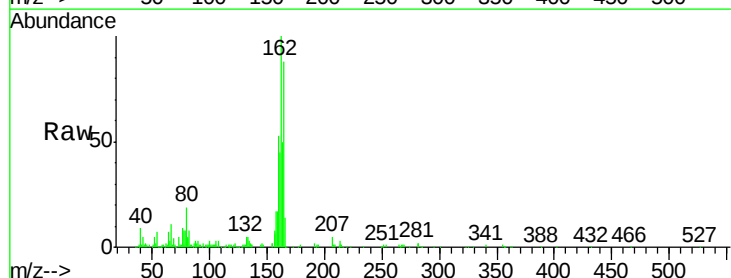
Instrument :
 BNA_G
 ClientSampleId :
 D-36

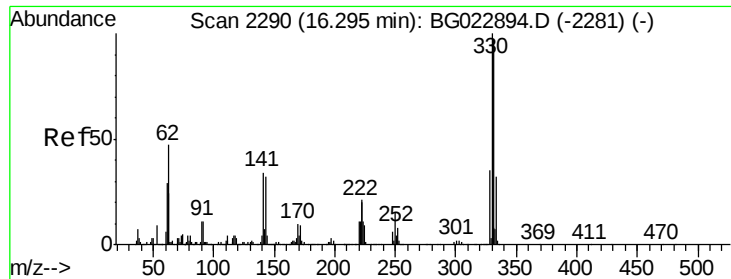
Tgt Ion: 82 Resp: 924047
 Ion Ratio Lower Upper
 82 100
 128 30.6 24.4 36.6
 54 50.7 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: BG023243.D
 Acq: 23 Jul 2016 9:34

Tgt Ion: 164 Resp: 121548
 Ion Ratio Lower Upper
 164 100
 162 113.1 87.7 131.5
 160 60.0 37.2 55.8#

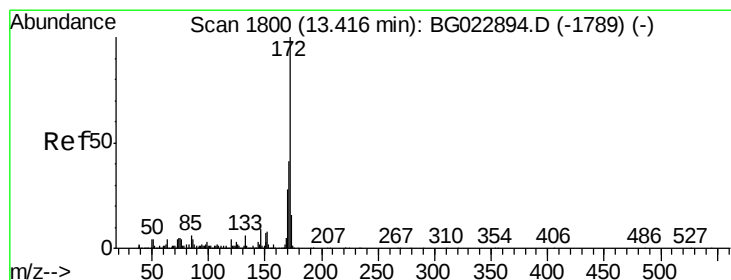
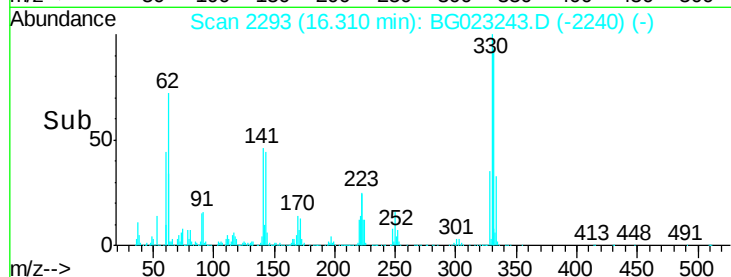
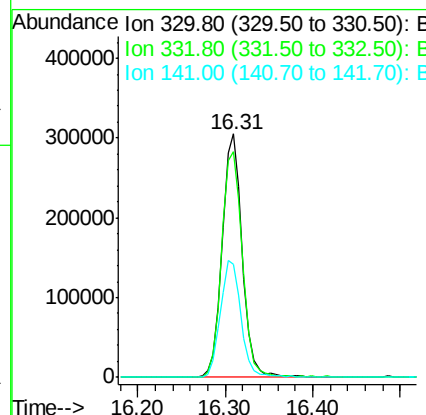
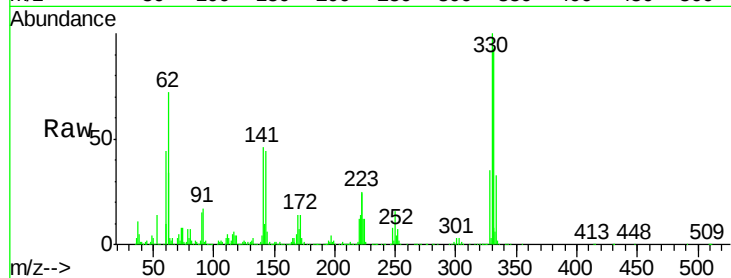




#41
 2,4,6-Tribromophenol
 Concen: 222.71 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.01 min
 Lab File: BG023243.D
 Acq: 23 Jul 2016 9:34

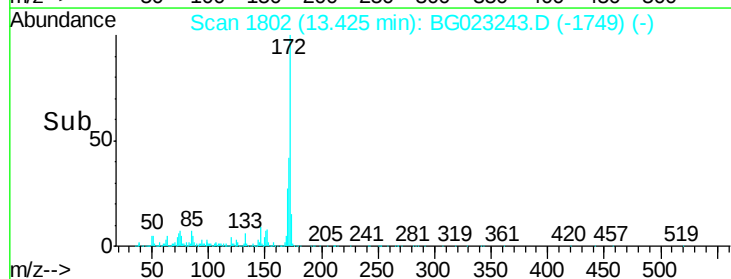
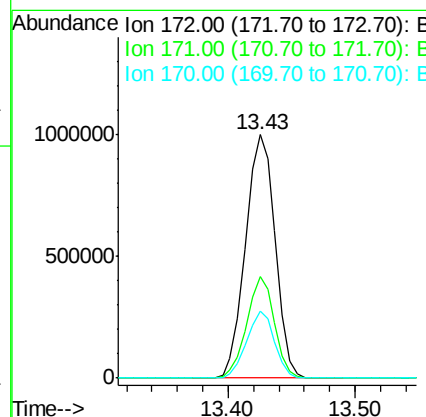
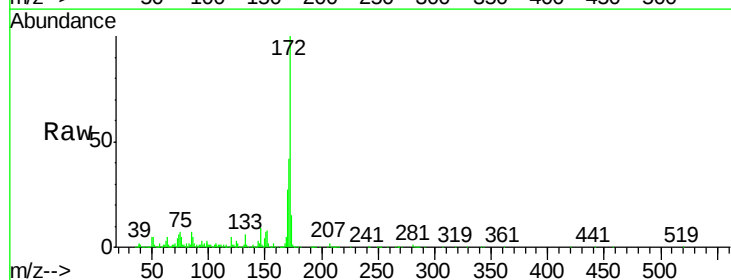
Instrument :
 BNA_G
 ClientSampleId :
 D-36

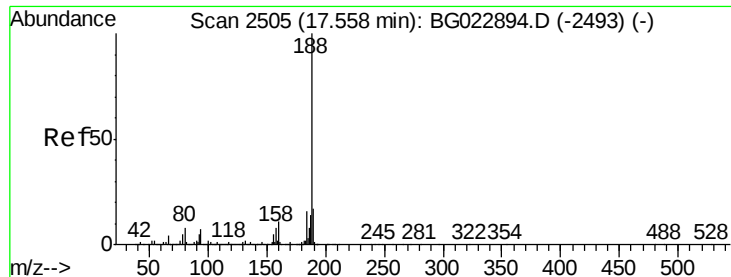
Tgt Ion:330 Resp: 486504
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 49.6 31.7 47.5#



#44
 2-Fluorobiphenyl
 Concen: 209.81 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. 0.01 min
 Lab File: BG023243.D
 Acq: 23 Jul 2016 9:34

Tgt Ion:172 Resp: 1619057
 Ion Ratio Lower Upper
 172 100
 171 41.5 31.6 47.4
 170 27.4 21.3 31.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. 0.02 min

Lab File: BG023243.D

Acq: 23 Jul 2016 9:34

Instrument :

BNA_G

ClientSampleId :

D-36

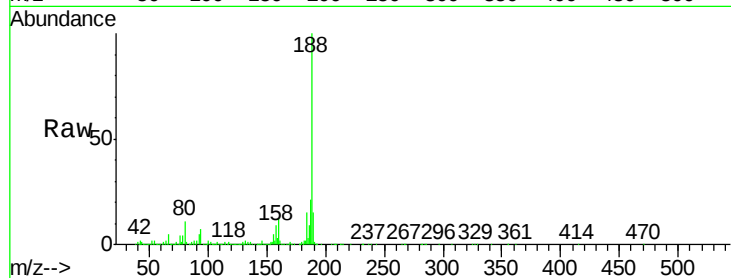
Tgt Ion:188 Resp: 644663

Ion Ratio Lower Upper

188 100

94 7.0 5.2 7.8

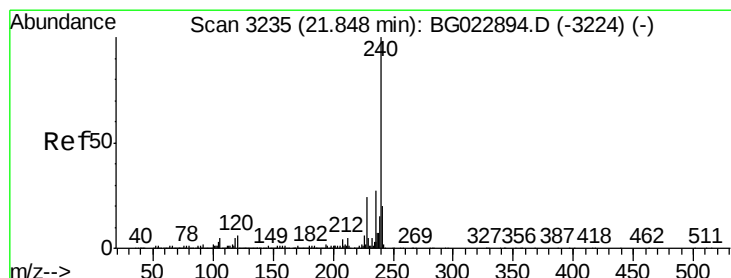
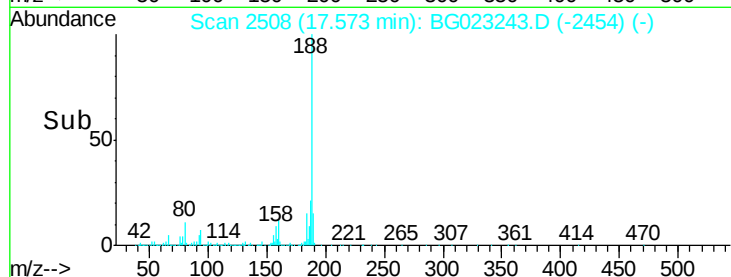
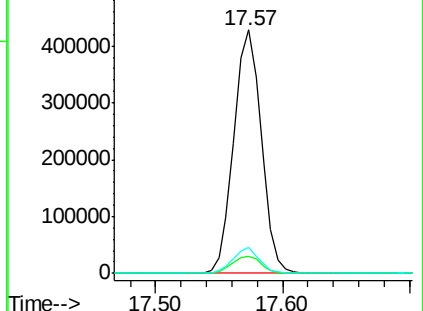
80 10.5 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.89 min Scan# 3243

Delta R.T. 0.01 min

Lab File: BG023243.D

Acq: 23 Jul 2016 9:34

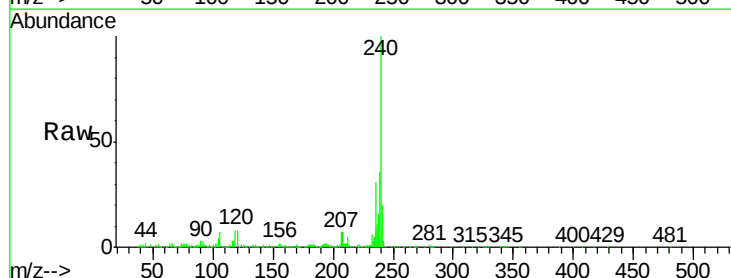
Tgt Ion:240 Resp: 323634

Ion Ratio Lower Upper

240 100

120 8.2 4.1 6.1#

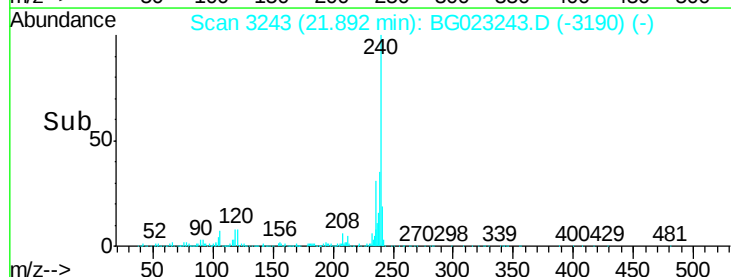
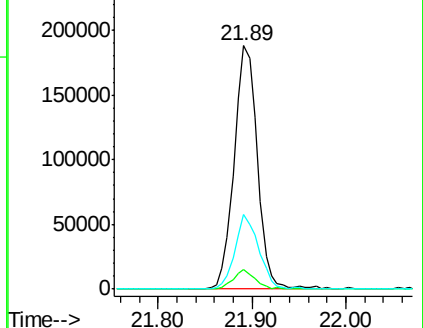
236 30.8 21.1 31.7

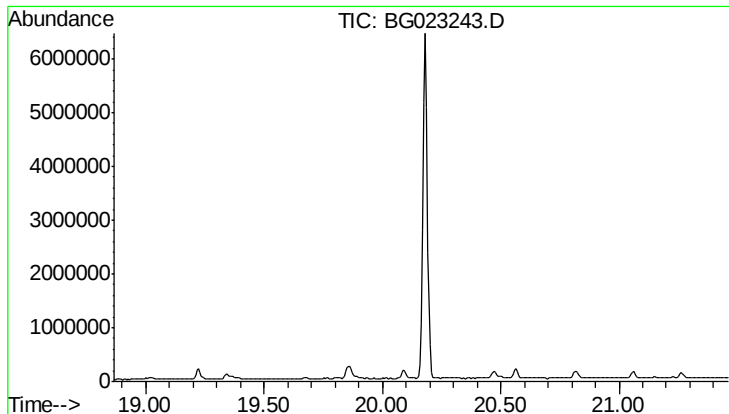


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 0.00 ng

Expected RT: 20.16 min

Lab File: BG023243.D

Acq: 23 Jul 2016 9:34

Instrument :

BNA_G

ClientSampleId :

D-36

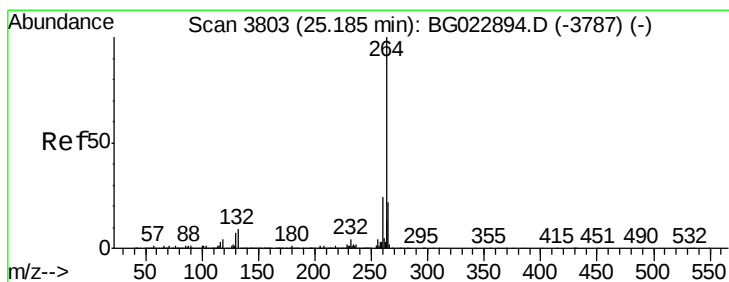
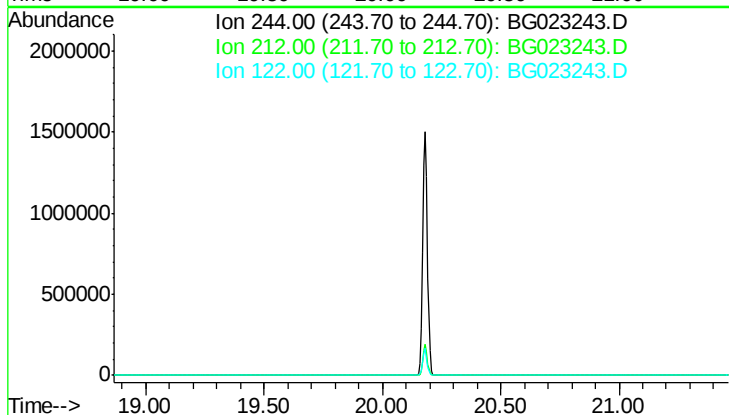
Tgt Ion: 244

Sig Exp Ratio

244 100

212 13.5

122 10.0



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.31 min Scan# 3824

Delta R.T. 0.03 min

Lab File: BG023243.D

Acq: 23 Jul 2016 9:34

Tgt Ion: 264 Resp: 13218

Ion Ratio Lower Upper

264 100

260 53.9 18.4 27.6#

265 18.5 18.9 28.3#

