

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072316\
 Data File : BG023239.D
 Acq On : 23 Jul 2016 6:52
 Operator : UM/SJ
 Sample : H4154-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GCF-GW-1

Quant Time: Jul 25 01:27:38 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

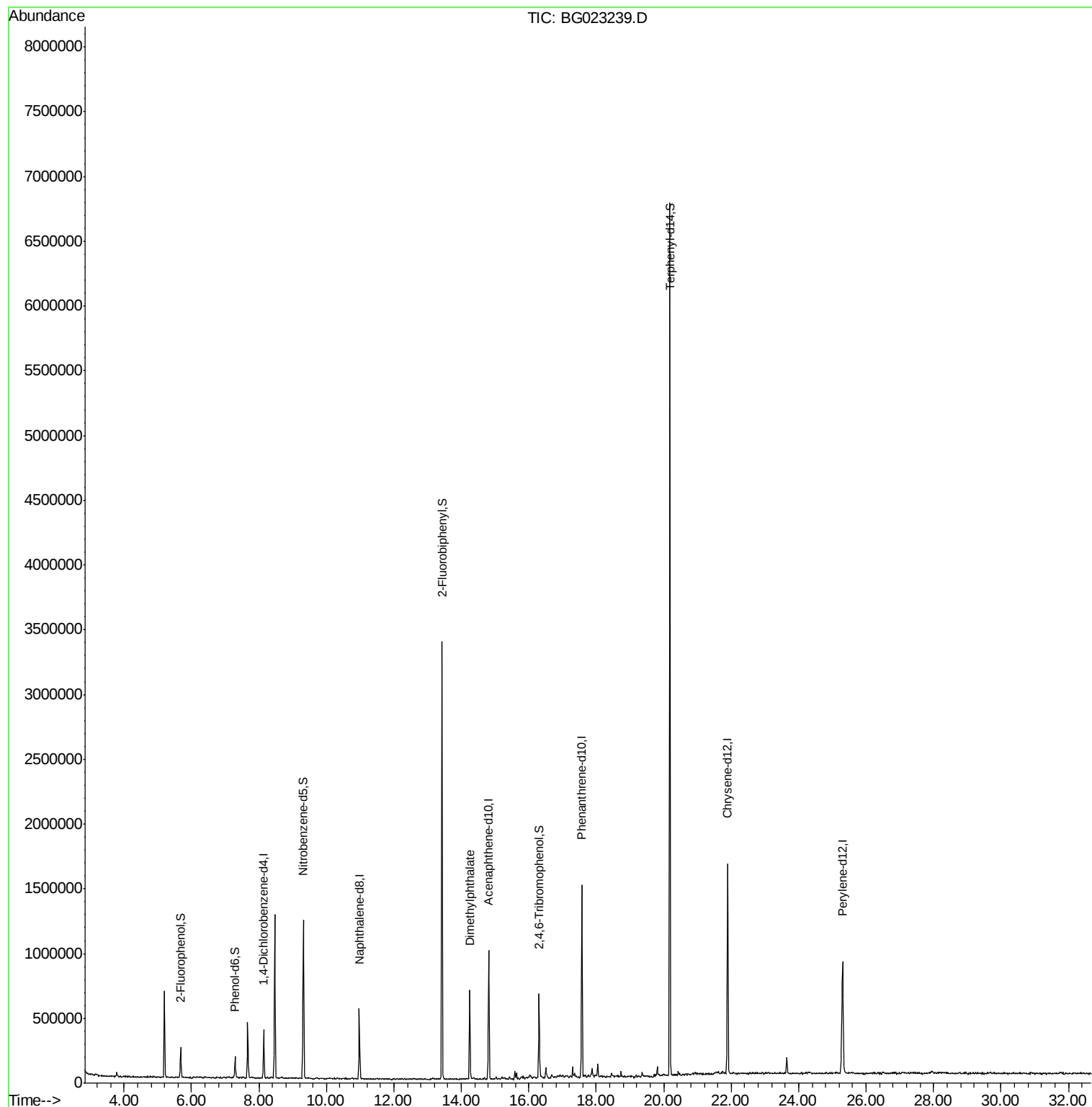
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	92384	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	431601	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	341471	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	879409	20.00	ng	0.02
75) Chrysene-d12	21.89	240	954601	20.00	ng	0.01
86) Perylene-d12	25.30	264	936486	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	91934	16.28	ng	0.00
7) Phenol-d6	7.29	99	94351	10.66	ng	-0.01
23) Nitrobenzene-d5	9.32	82	791078	78.48	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	105292	17.16	ng	0.00
44) 2-Fluorobiphenyl	13.43	172	1603826	73.98	ng	0.01
78) Terphenyl-d14	20.18	244	2458546	79.81	ng	0.02
Target Compounds						
49) Dimethylphthalate	14.25	163	418365	15.00	ng	Qvalue 99

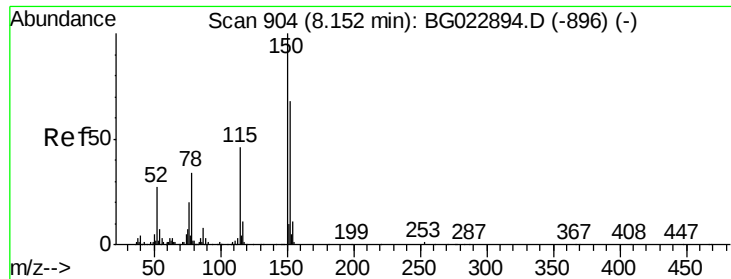
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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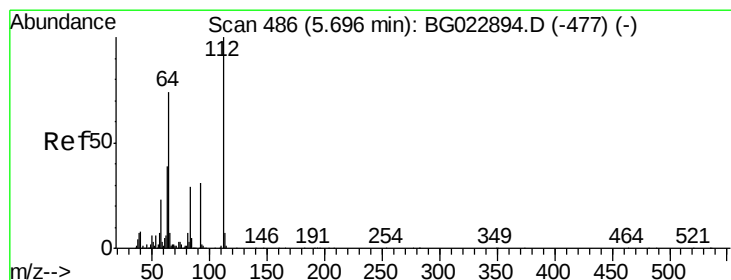
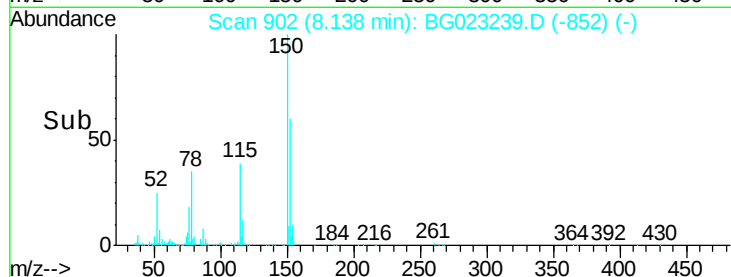
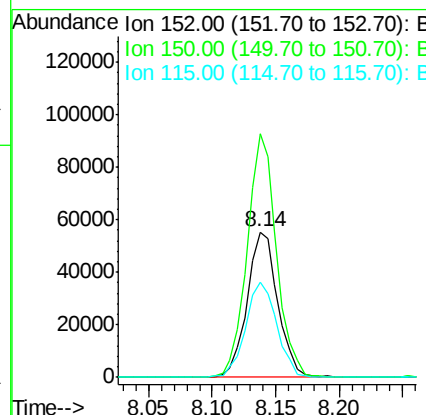
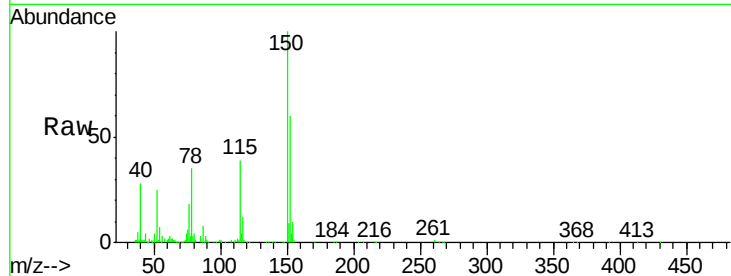


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.01 min
Lab File: BG023239.D
Acq: 23 Jul 2016 6:52

Instrument :
BNA_G
ClientSampleId :
GCF-GW-1

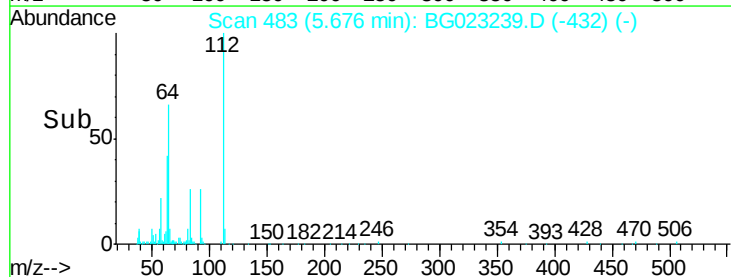
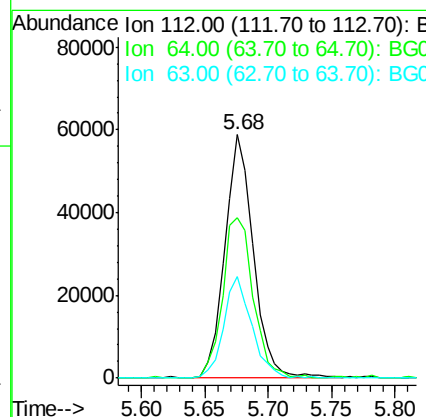
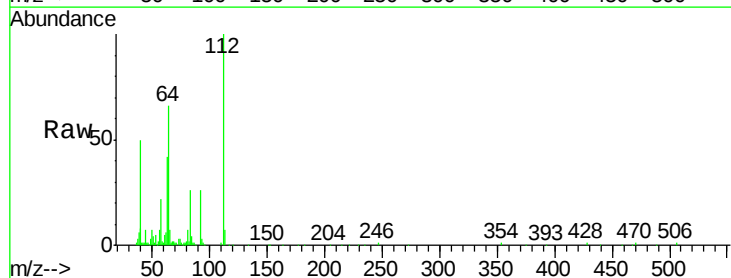
Tgt Ion:152 Resp: 92384
Ion Ratio Lower Upper
152 100
150 167.2 144.7 217.1
115 65.3 64.0 96.0

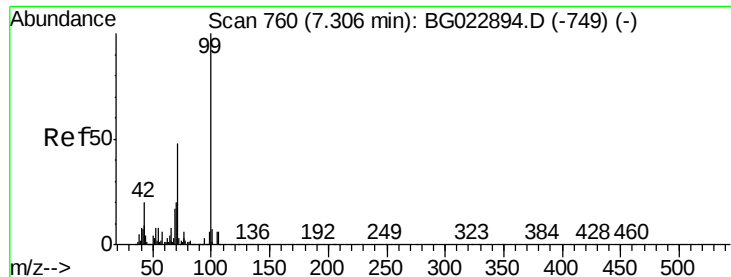


#5

2-Fluorophenol
Concen: 16.28 ng
RT: 5.68 min Scan# 483
Delta R.T. -0.00 min
Lab File: BG023239.D
Acq: 23 Jul 2016 6:52

Tgt Ion:112 Resp: 91934
Ion Ratio Lower Upper
112 100
64 66.0 59.0 88.4
63 41.7 37.8 56.8





#7

Phenol-d6

Concen: 10.66 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG023239.D

Acq: 23 Jul 2016 6:52

Instrument :

BNA_G

ClientSampleId :

GCF-GW-1

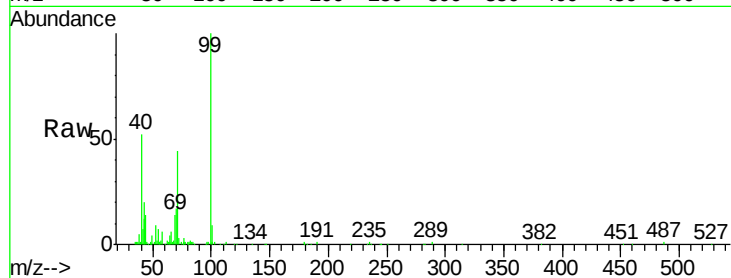
Tgt Ion: 99 Resp: 94351

Ion Ratio Lower Upper

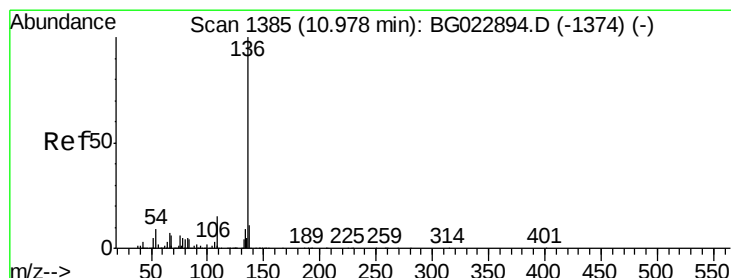
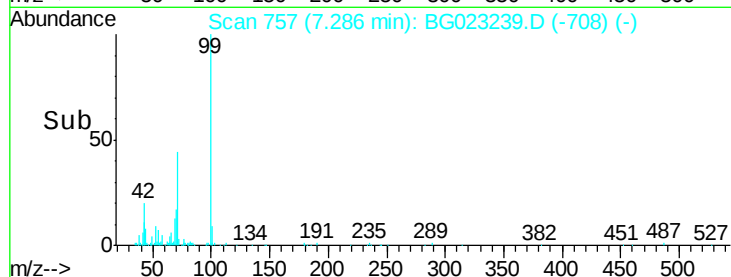
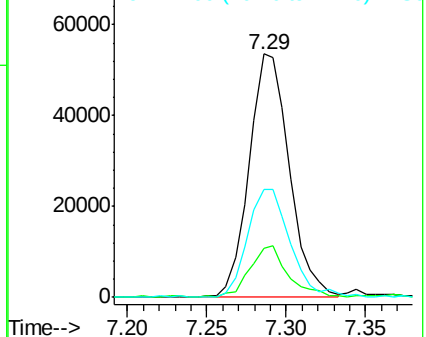
99 100

42 20.2 17.8 26.6

71 44.1 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: BG023239.D

Acq: 23 Jul 2016 6:52

Tgt Ion: 136 Resp: 431601

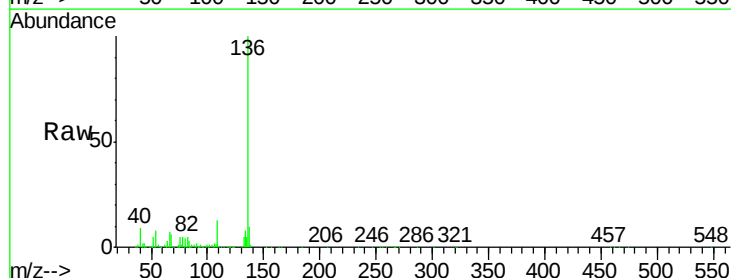
Ion Ratio Lower Upper

136 100

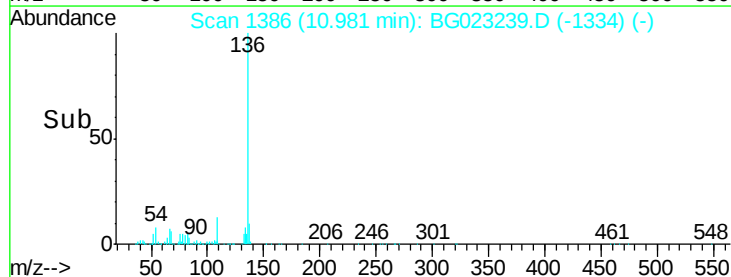
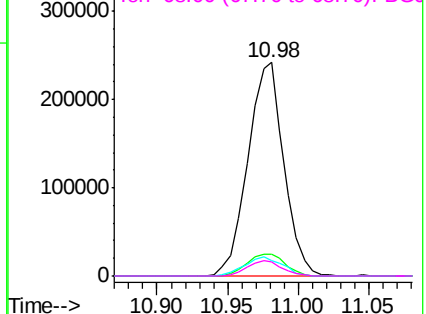
137 10.4 9.6 14.4

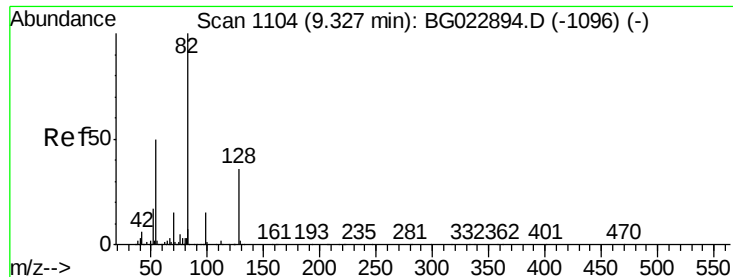
54 7.5 7.3 10.9

68 6.4 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

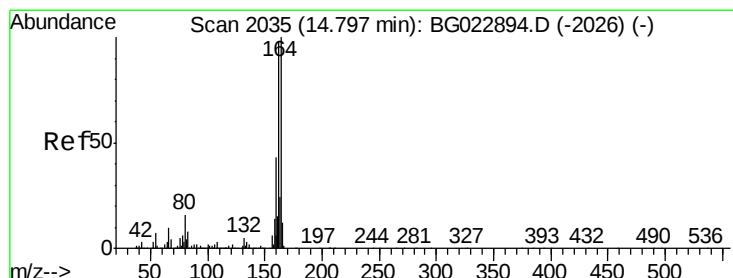
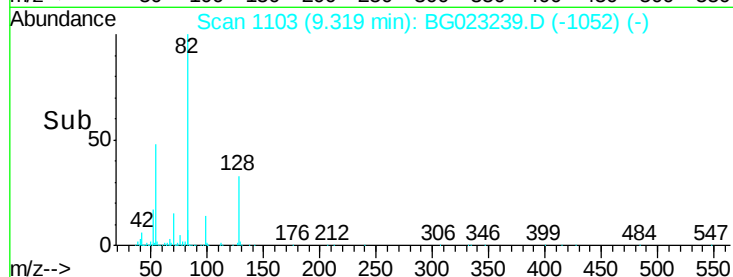
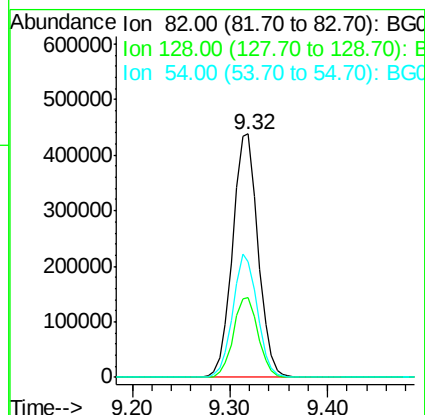
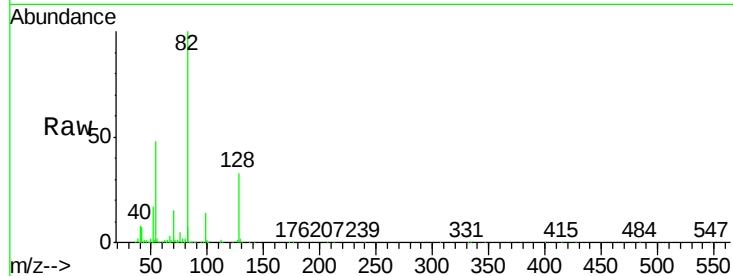




#23
Nitrobenzene-d5
Concen: 78.48 ng
RT: 9.32 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BG023239.D
Acq: 23 Jul 2016 6:52

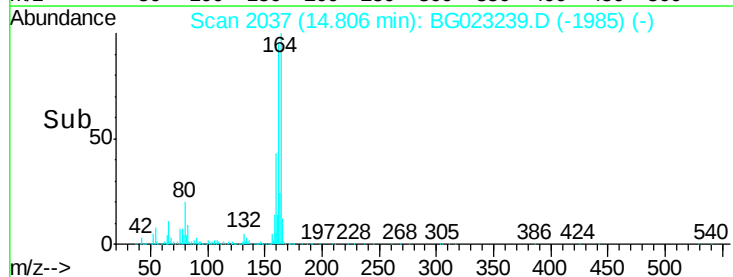
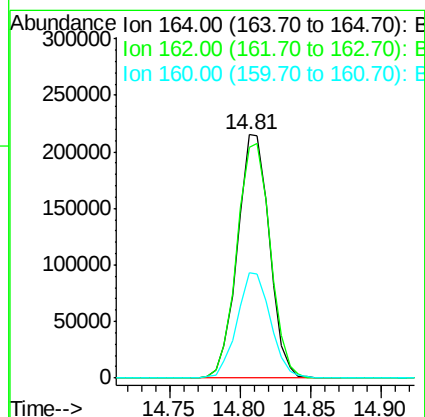
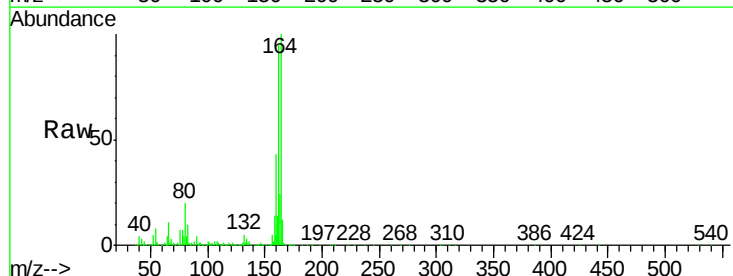
Instrument :
BNA_G
ClientSampleId :
GCF-GW-1

Tgt Ion: 82 Resp: 791078
Ion Ratio Lower Upper
82 100
128 32.8 24.4 36.6
54 47.7 41.4 62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BG023239.D
Acq: 23 Jul 2016 6:52

Tgt Ion: 164 Resp: 341471
Ion Ratio Lower Upper
164 100
162 94.9 87.7 131.5
160 43.2 37.2 55.8

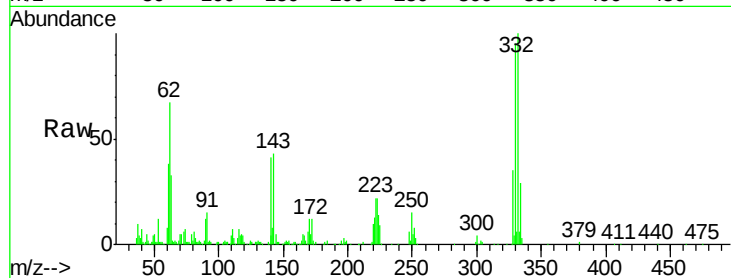




#41
 2,4,6-Tribromophenol
 Concen: 17.16 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. 0.01 min
 Lab File: BG023239.D
 Acq: 23 Jul 2016 6:52

Instrument :
 BNA_G
 ClientSampleId :
 GCF-GW-1

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.8	77.4	116.2
141	46.9	31.7	47.5

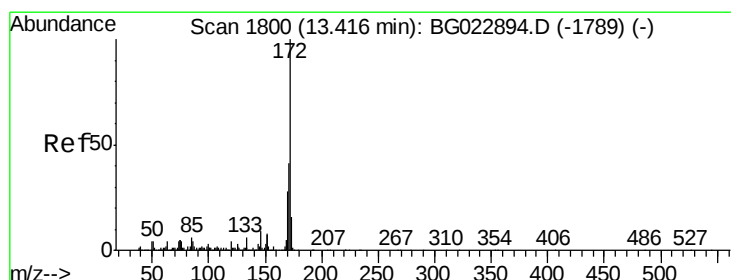
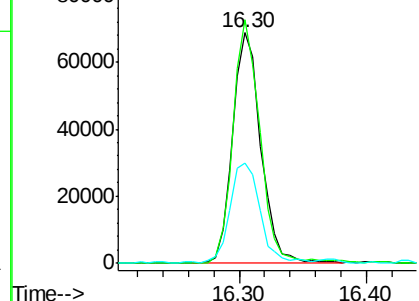
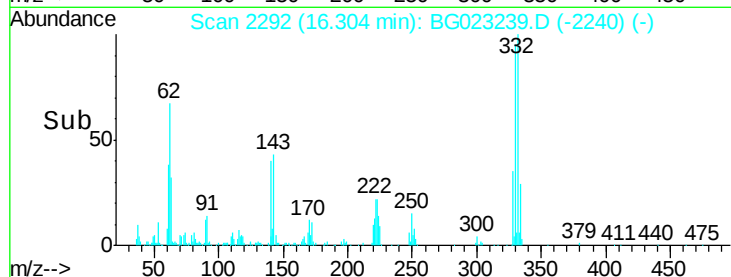


Abundance

Ion 329.80 (329.50 to 330.50): E

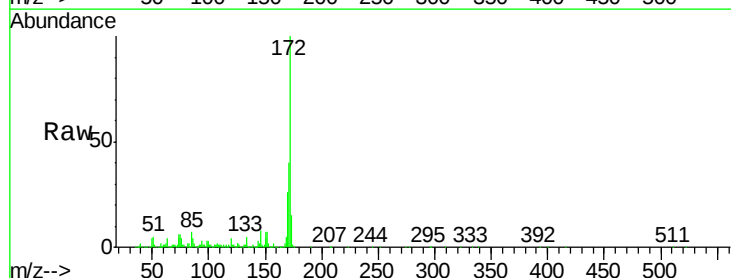
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 73.98 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. 0.01 min
 Lab File: BG023239.D
 Acq: 23 Jul 2016 6:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.1	31.6	47.4
170	26.2	21.3	31.9

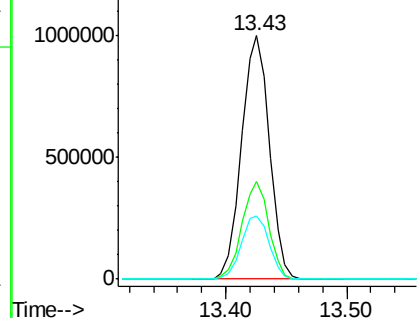
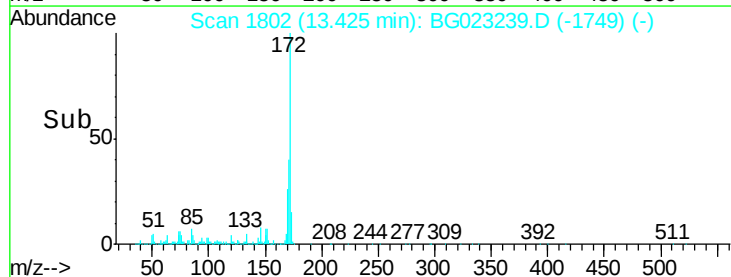


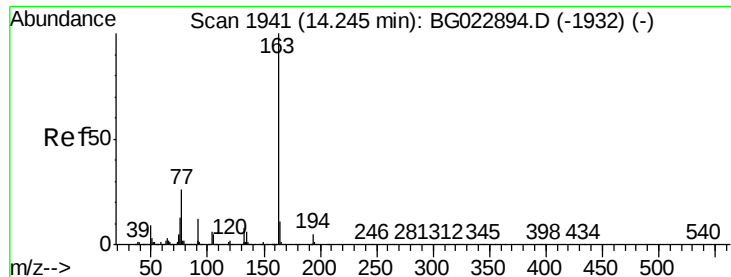
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 15.00 ng

RT: 14.25 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG023239.D

Acq: 23 Jul 2016 6:52

Instrument :

BNA_G

ClientSampleId :

GCF-GW-1

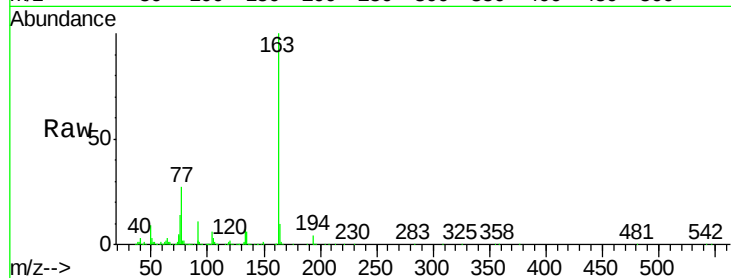
Tgt Ion:163 Resp: 418365

Ion Ratio Lower Upper

163 100

194 3.7 3.6 5.4

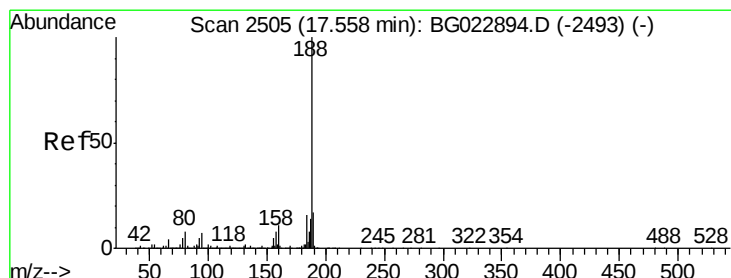
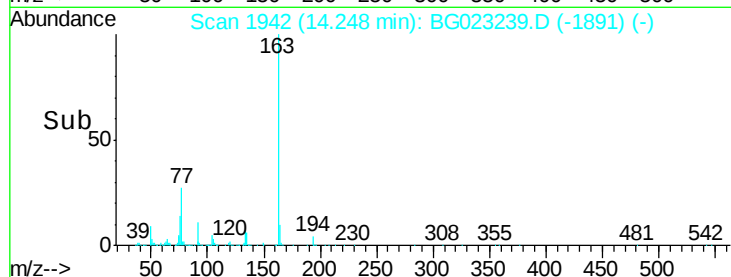
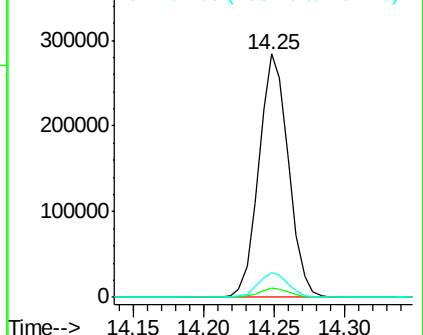
164 10.3 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. 0.02 min

Lab File: BG023239.D

Acq: 23 Jul 2016 6:52

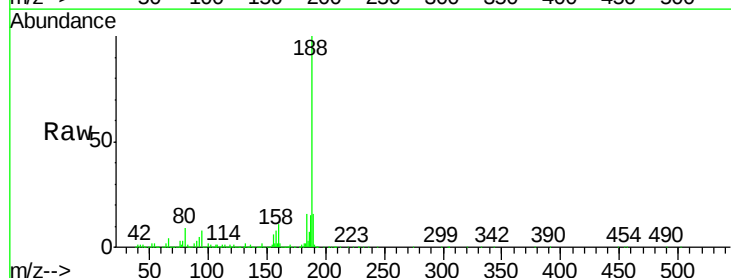
Tgt Ion:188 Resp: 879409

Ion Ratio Lower Upper

188 100

94 8.2 5.2 7.8#

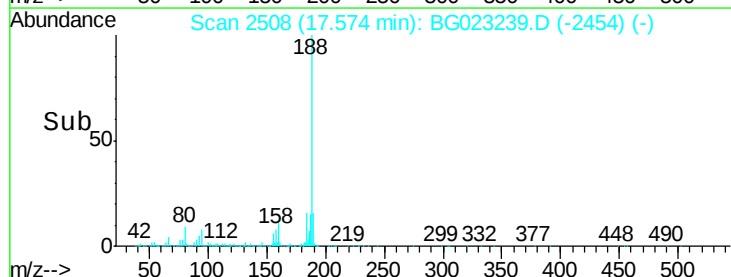
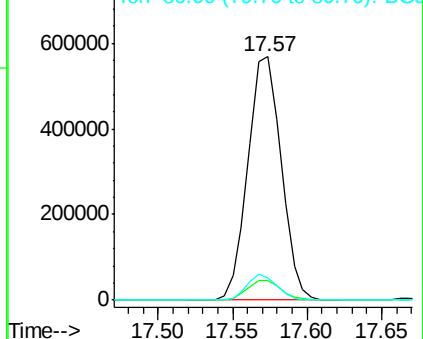
80 9.1 7.2 10.8

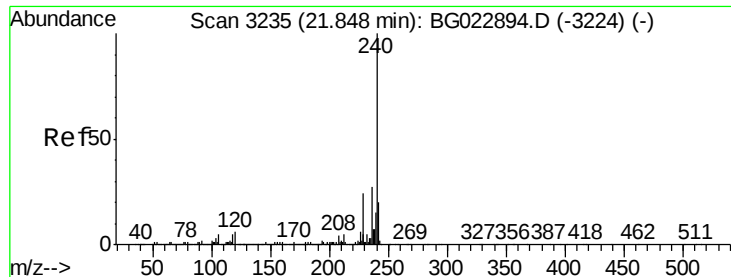


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

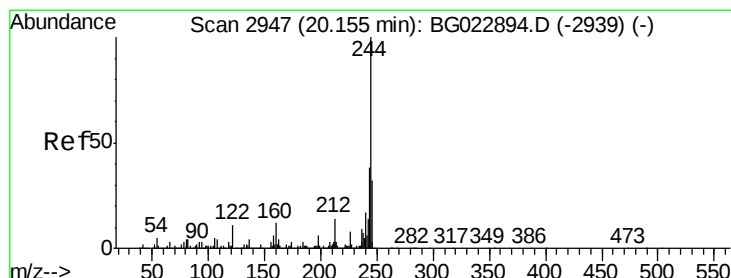
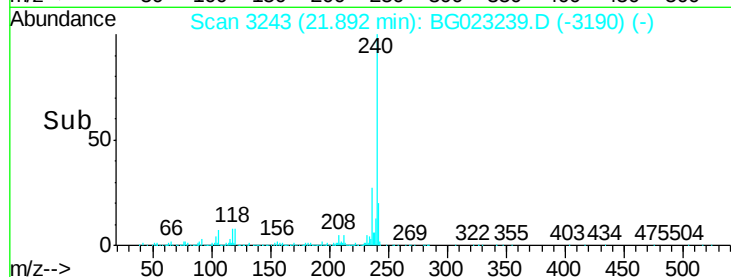
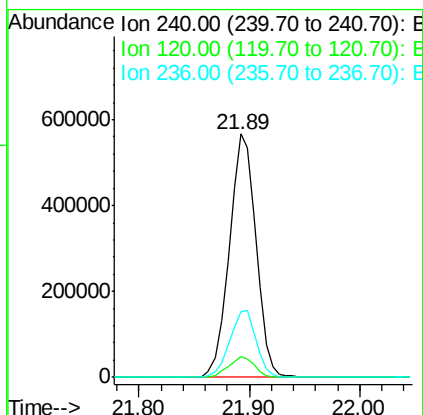
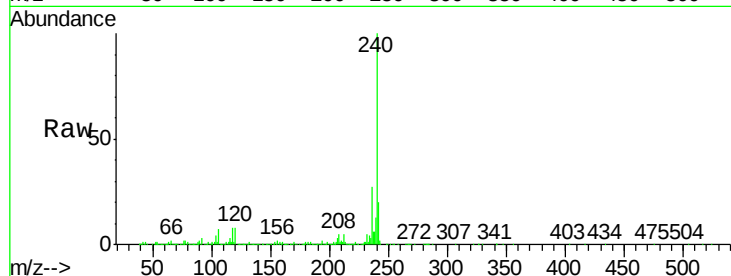




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. 0.01 min
Lab File: BG023239.D
Acq: 23 Jul 2016 6:52

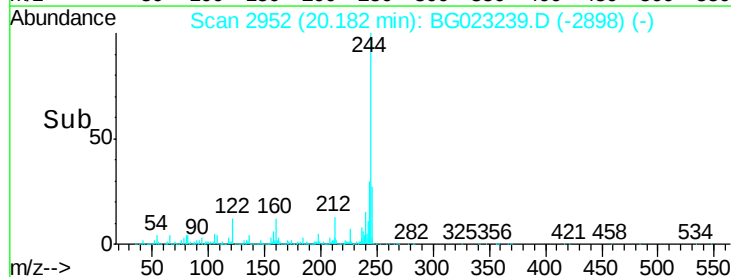
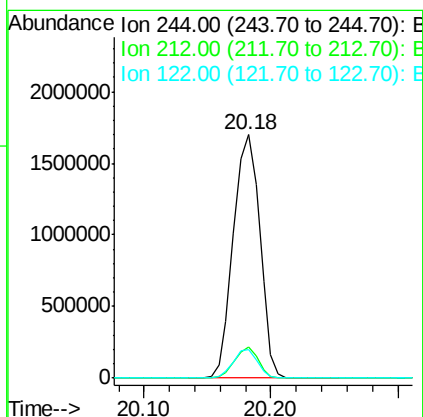
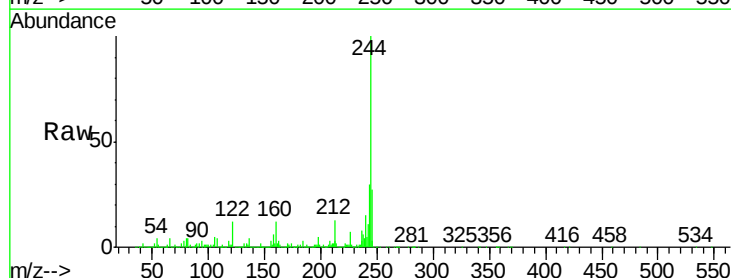
Instrument :
BNA_G
ClientSampleId :
GCF-GW-1

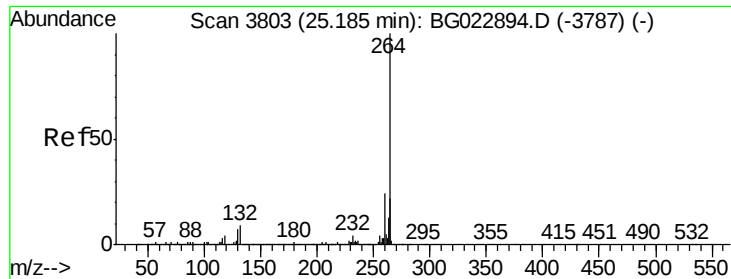
Tgt Ion:240 Resp: 954601
Ion Ratio Lower Upper
240 100
120 8.3 4.1 6.1#
236 27.2 21.1 31.7



#78
Terphenyl-d14
Concen: 79.81 ng
RT: 20.18 min Scan# 2952
Delta R.T. 0.02 min
Lab File: BG023239.D
Acq: 23 Jul 2016 6:52

Tgt Ion:244 Resp: 2458546
Ion Ratio Lower Upper
244 100
212 12.9 10.8 16.2
122 11.5 8.0 12.0

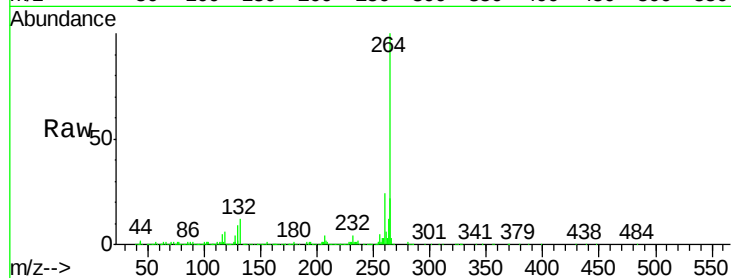




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.30 min Scan# 3823
Delta R.T. 0.03 min
Lab File: BG023239.D
Acq: 23 Jul 2016 6:52

Instrument :
BNA_G
ClientSampleId :
GCF-GW-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	22.2	18.9	28.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

