

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031919\
 Data File : BG040014.D
 Acq On : 19 Mar 2019 22:37
 Operator : JU/SJ
 Sample : K1941-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP

Quant Time: Mar 20 04:44:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

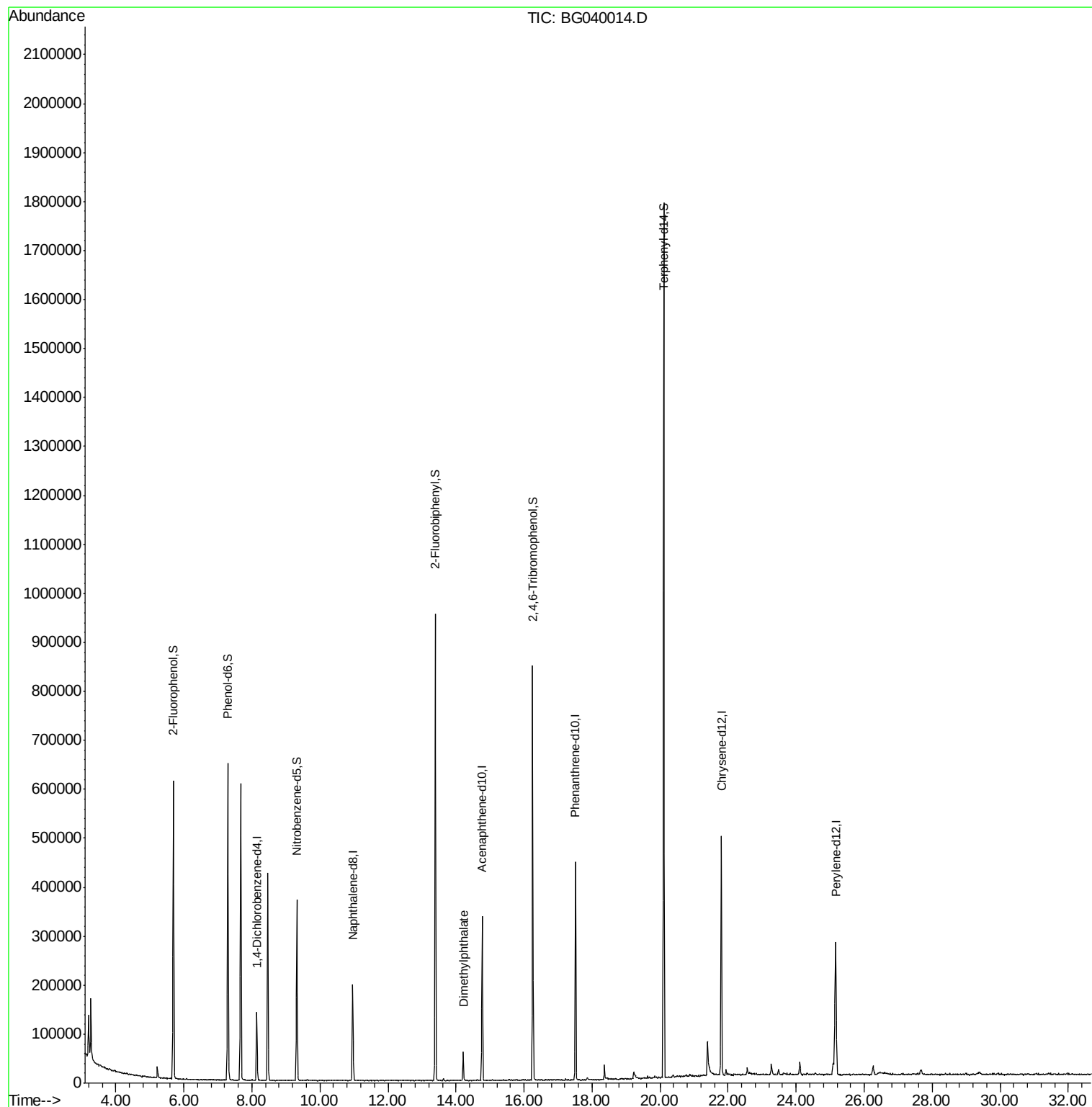
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	38839	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	163761	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	113791	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	278655	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	288598	20.00	ng	-0.03
87) Perylene-d12	25.16	264	300544	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	246587	108.31	ng	-0.02
7) Phenol-d6	7.29	99	362761	106.87	ng	-0.02
23) Nitrobenzene-d5	9.32	82	221951	73.30	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	138609	104.51	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	507288	63.48	ng	-0.02
79) Terphenyl-d14	20.11	244	827420	63.13	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.21	163	38780	4.076	ng	Qvalue 99

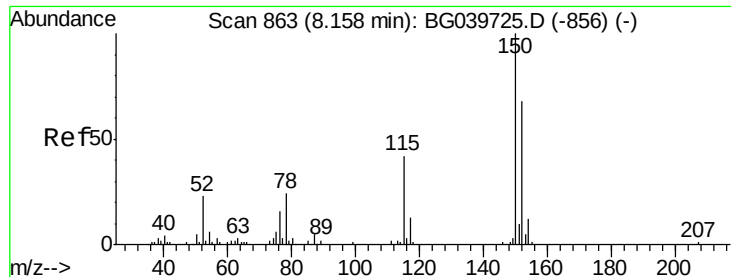
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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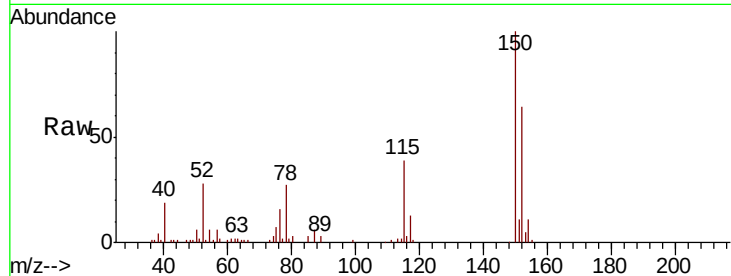


#1

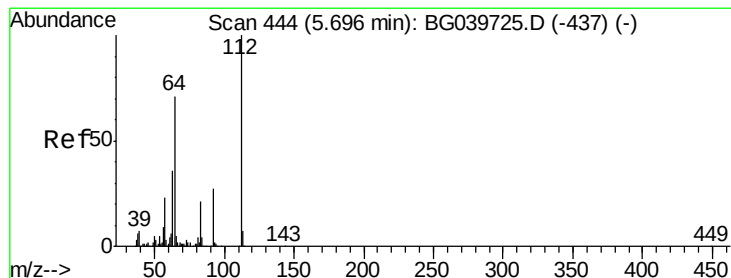
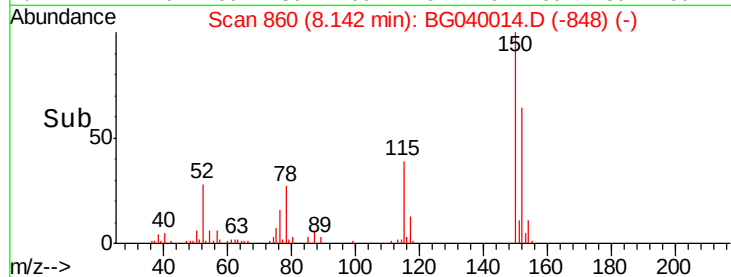
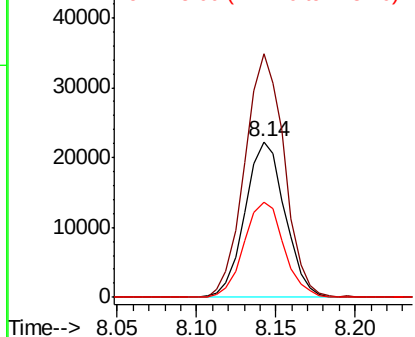
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040014.D
Acq: 19 Mar 2019 22:37

Instrument :
BNA_G
ClientSampled :
SP

Tot Ion:152 Resp: 38839
Ion Ratio Lower Upper
152 100
150 156.4 123.7 185.5
115 61.5 45.9 68.9



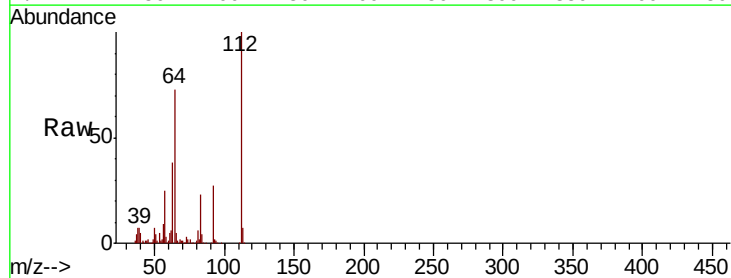
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



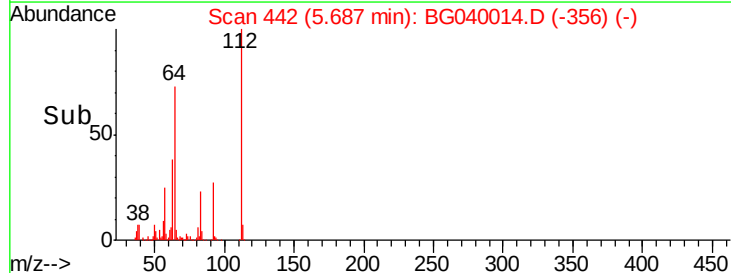
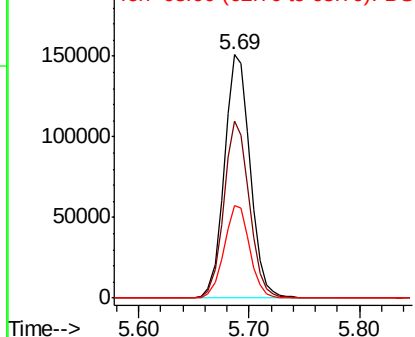
#5

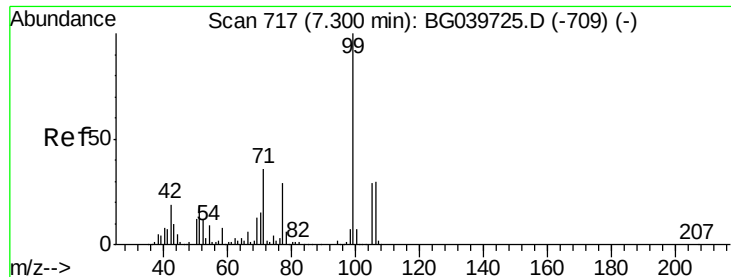
2-Fluorophenol
Concen: 108.314 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG040014.D
Acq: 19 Mar 2019 22:37

Tgt Ion:112 Resp: 246587
Ion Ratio Lower Upper
112 100
64 72.7 57.8 86.8
63 38.1 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 106.866 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040014.D

Acq: 19 Mar 2019 22:37

Instrument :

BNA_G

ClientSampled :

SP

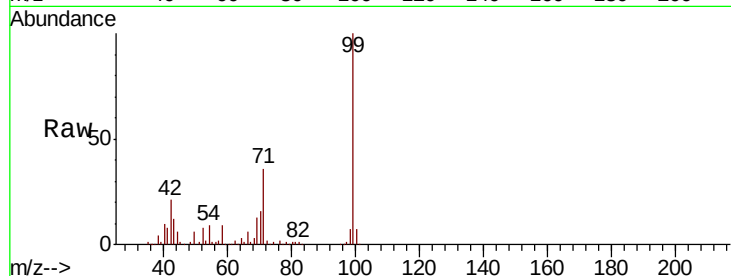
Tot Ion: 99 Resp: 362761

Ion Ratio Lower Upper

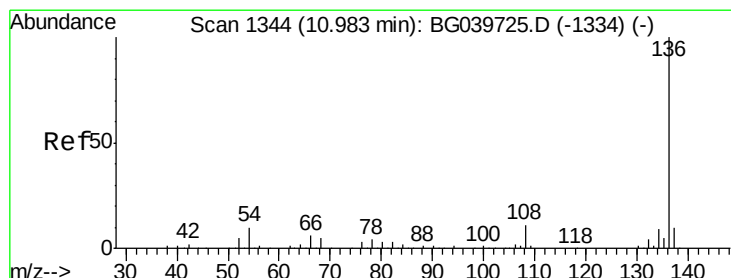
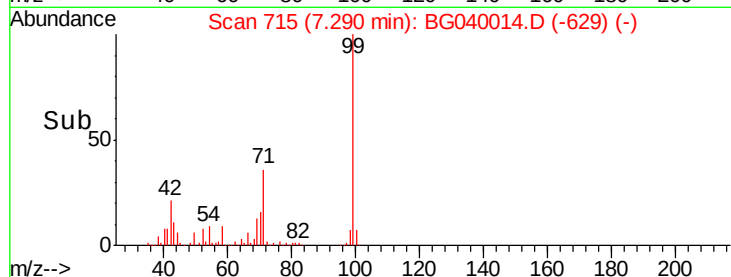
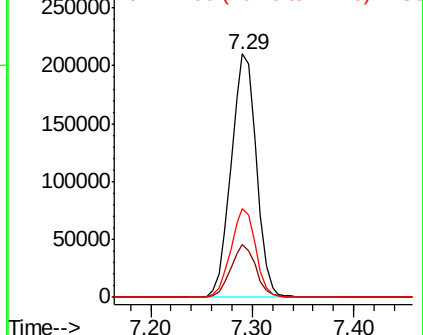
99 100

42 21.5 18.2 27.2

71 36.3 28.0 42.0



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: 20.000 ng

RT: 10.96 min Scan# 1340

Delta R.T. -0.03 min

Lab File: BG040014.D

Acq: 19 Mar 2019 22:37

Tgt Ion: 136 Resp: 163761

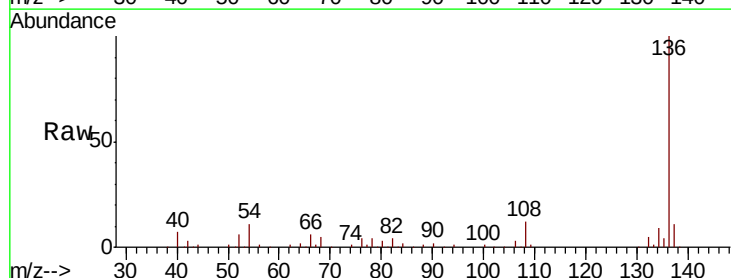
Ion Ratio Lower Upper

136 100

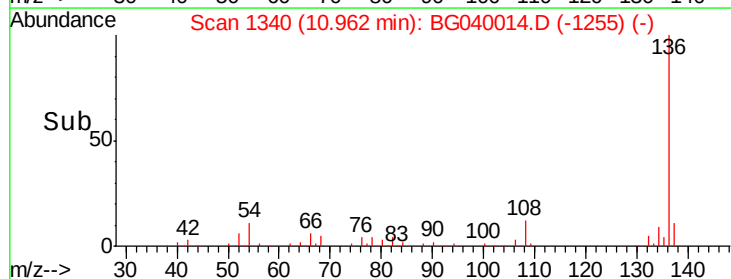
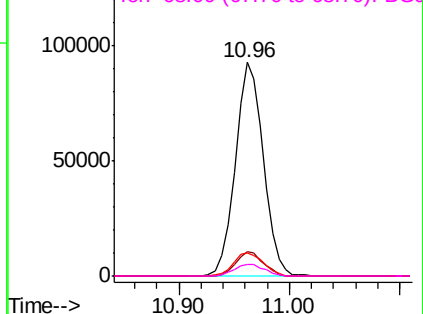
137 11.2 9.1 13.7

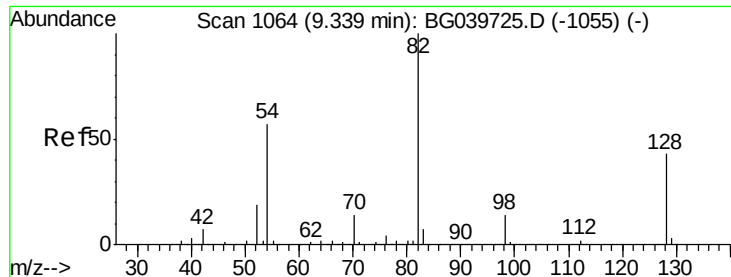
54 11.1 9.4 14.2

68 5.2 4.2 6.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

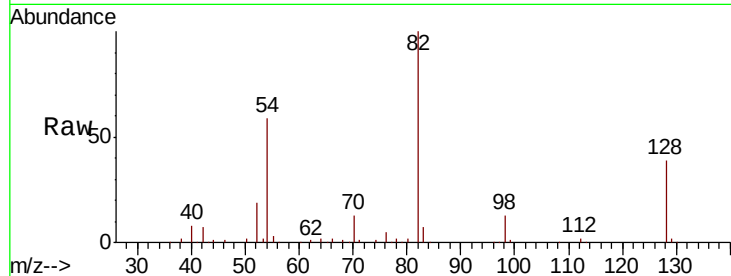




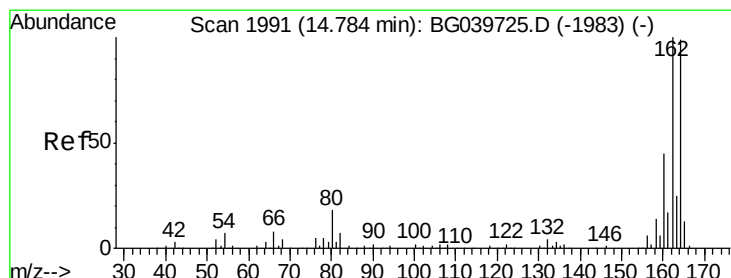
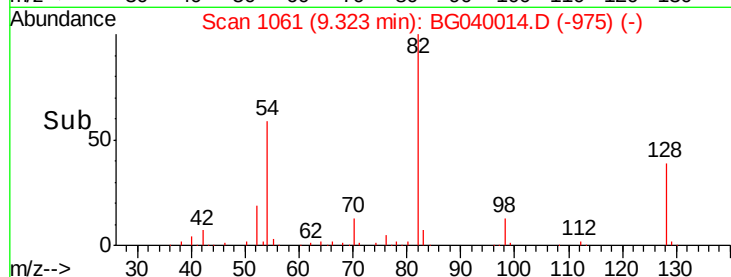
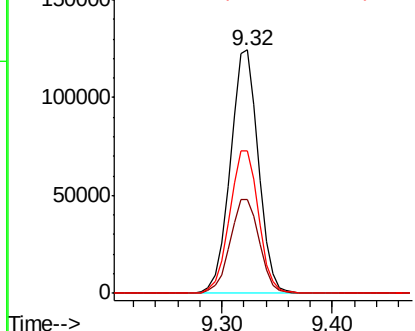
#23
Nitrobenzene-d5
Concen: 73.302 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040014.D
Acq: 19 Mar 2019 22:37

Instrument :
BNA_G
ClientSampleId :
SP

Tot Ion: 82 Resp: 221951
Ion Ratio Lower Upper
82 100
128 38.7 31.3 46.9
54 58.7 50.9 76.3

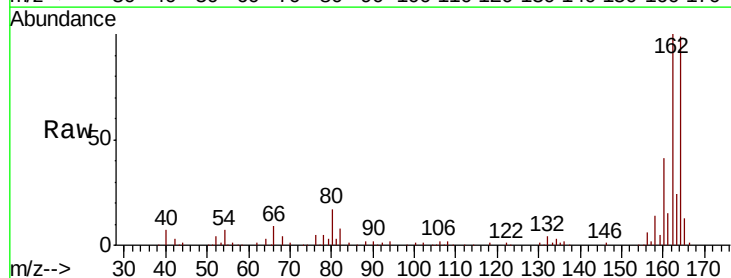


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

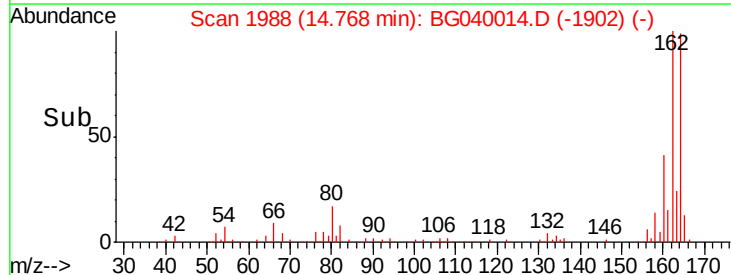
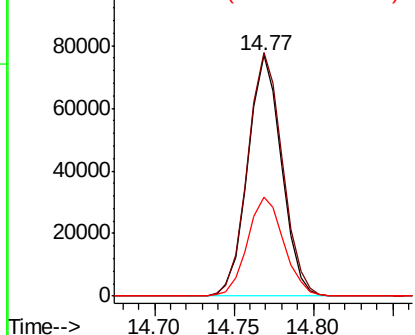


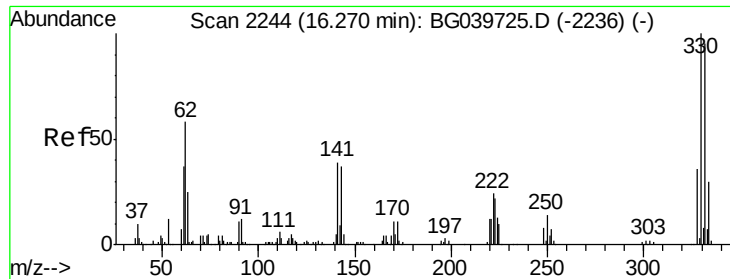
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040014.D
Acq: 19 Mar 2019 22:37

Tgt Ion:164 Resp: 113791
Ion Ratio Lower Upper
164 100
162 101.1 81.6 122.4
160 41.3 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

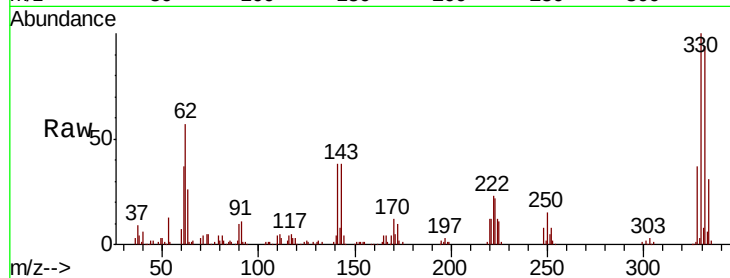




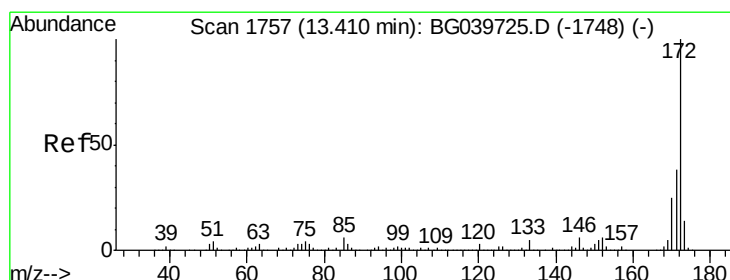
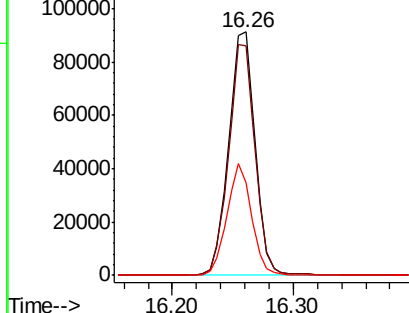
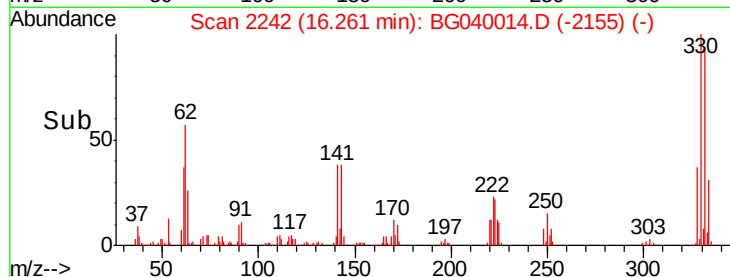
#42
 2,4,6-Tribromophenol
 Concen: 104.507 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG040014.D
 Acq: 19 Mar 2019 22:37

Instrument :
 BNA_G
 ClientSampleId :
 SP

Tot Ion:330 Resp: 138609
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.7 113.5
 141 42.8 35.6 53.4

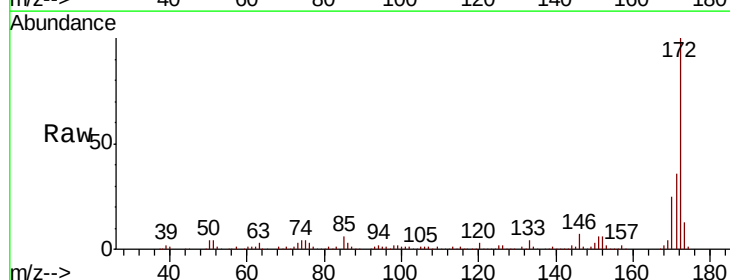


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

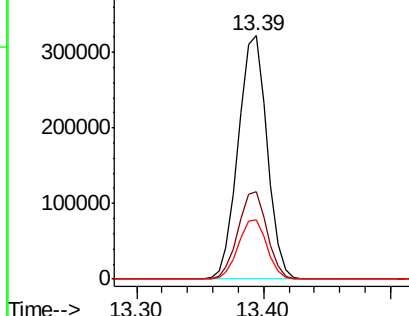
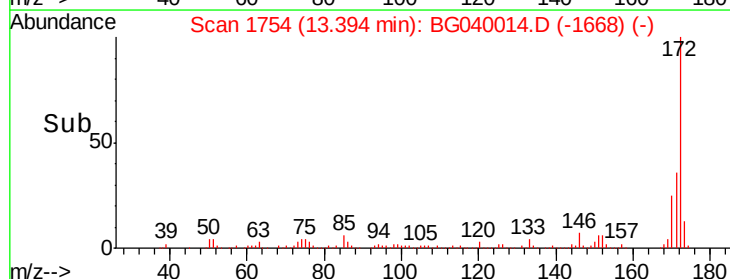


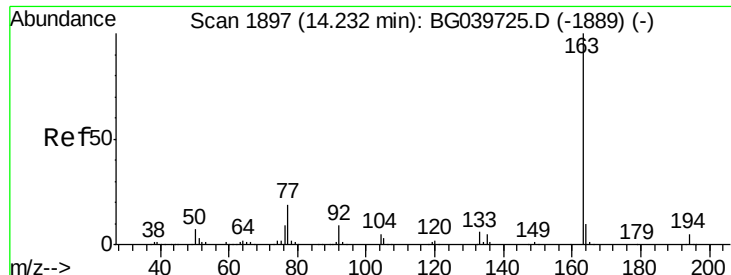
#45
 2-Fluorobiphenyl
 Concen: 63.475 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040014.D
 Acq: 19 Mar 2019 22:37

Tgt Ion:172 Resp: 507288
 Ion Ratio Lower Upper
 172 100
 171 35.8 30.8 46.2
 170 24.6 20.2 30.4



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





#50

Dimethylphthalate

Concen: 4.076 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.03 min

Lab File: BG040014.D

Acq: 19 Mar 2019 22:37

Instrument :

BNA_G

ClientSampleId :

SP

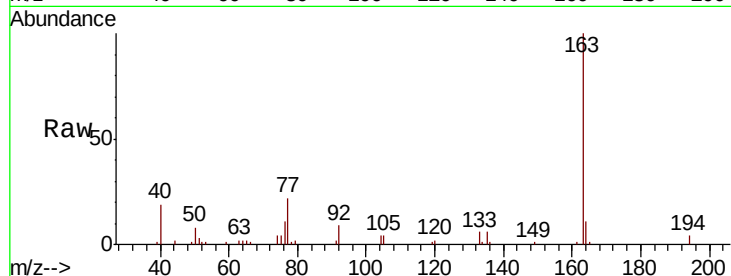
Tot Ion:163 Resp: 38780

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

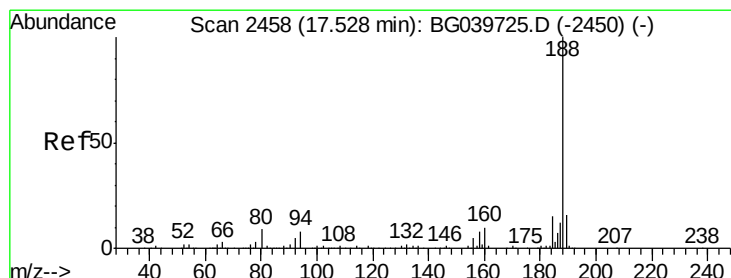
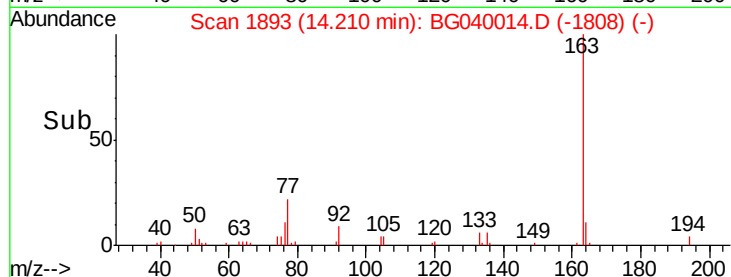
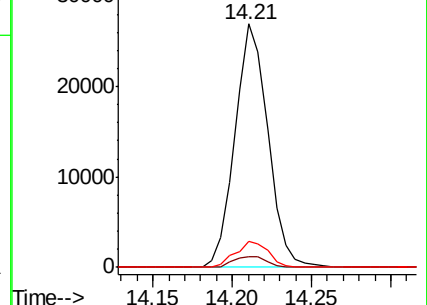
164 10.8 8.4 12.6



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040014.D

Acq: 19 Mar 2019 22:37

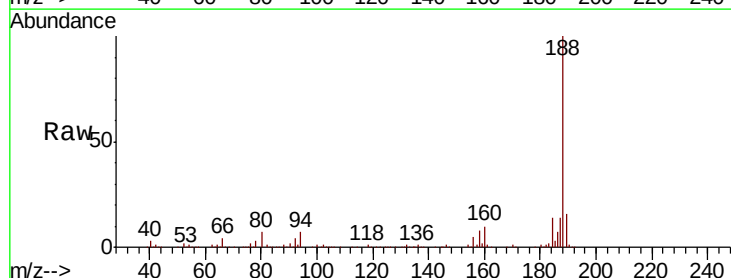
Tgt Ion:188 Resp: 278655

Ion Ratio Lower Upper

188 100

94 7.2 6.9 10.3

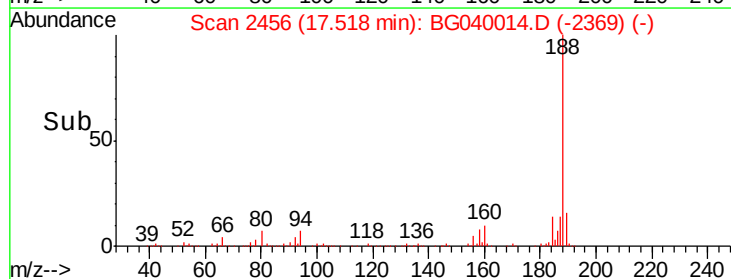
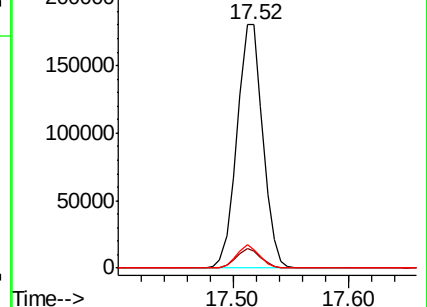
80 7.4 8.1 12.1#

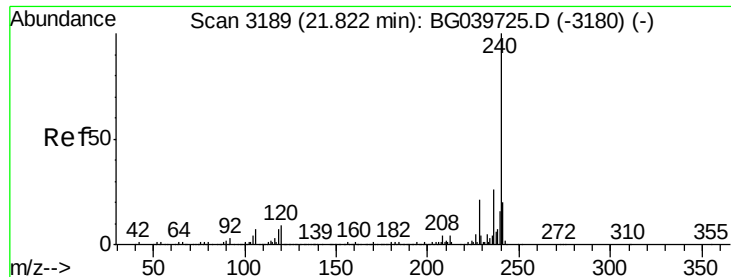


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

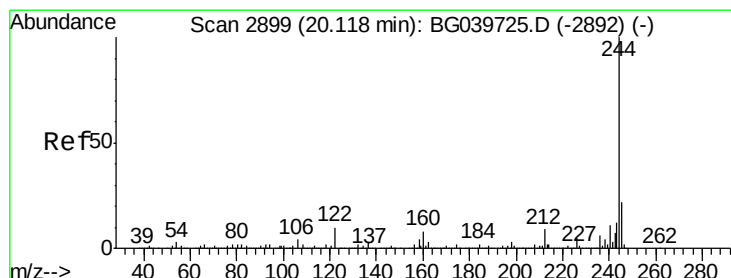
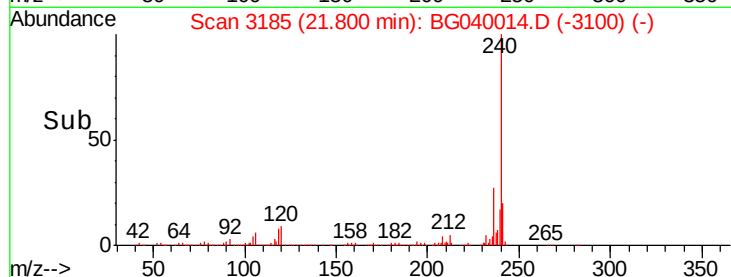
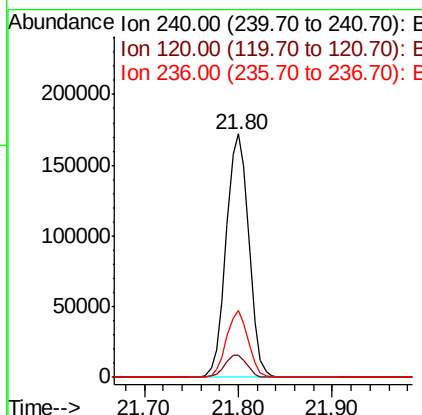
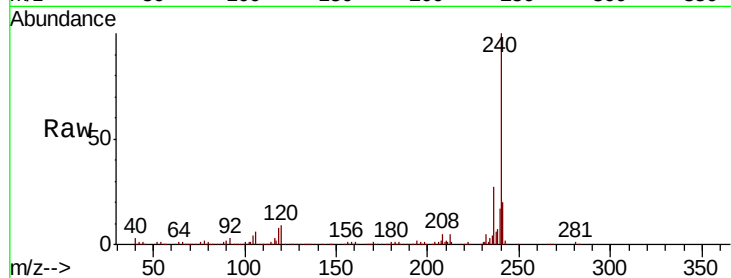




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040014.D
Acq: 19 Mar 2019 22:37

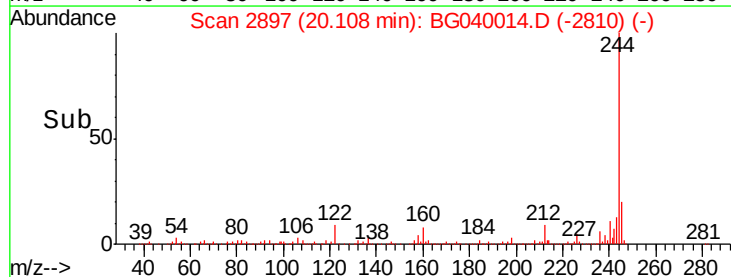
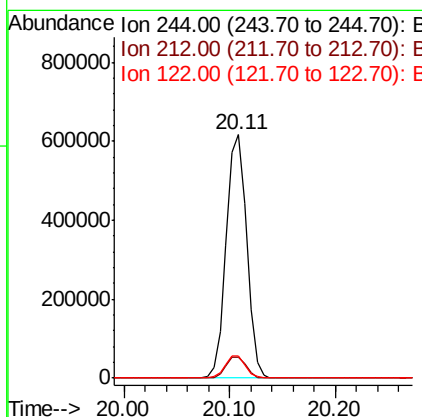
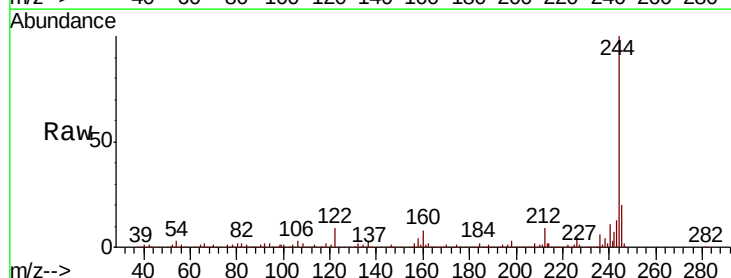
Instrument :
BNA_G
ClientSampleId :
SP

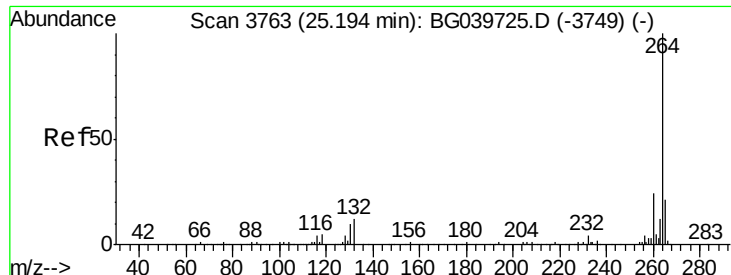
Tot Ion:240 Resp: 288598
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.6
236 27.4 21.0 31.4



#79
Terphenyl-d14
Concen: 63.126 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040014.D
Acq: 19 Mar 2019 22:37

Tgt Ion:244 Resp: 827420
Ion Ratio Lower Upper
244 100
212 8.7 7.3 10.9
122 9.2 8.4 12.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3757
Delta R.T. -0.04 min
Lab File: BG040014.D
Acq: 19 Mar 2019 22:37

Instrument :
BNA_G
ClientSampleId :
SP

Tot Ion:	264	Resp:	300544
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	21.0	18.5	27.7

