

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\
 Data File : BG022342.D
 Acq On : 14 Jun 2016 19:45
 Operator : UM/SJ
 Sample : H3427-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-36

Quant Time: Jun 15 02:25:27 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	26502	20.00	ng	-0.02
21) Naphthalene-d8	10.89	136	128745	20.00	ng	-0.01
38) Acenaphthene-d10	14.71	164	82245	20.00	ng	-0.02
63) Phenanthrene-d10	17.46	188	194155	20.00	ng	-0.01
75) Chrysene-d12	21.73	240	171559	20.00	ng	-0.01
86) Perylene-d12	24.99	264	154837	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	83724	61.08	ng	-0.02
7) Phenol-d6	7.23	99	77933	36.16	ng	-0.02
23) Nitrobenzene-d5	9.25	82	170623	92.40	ng	-0.01
41) 2,4,6-Tribromophenol	16.20	330	128807	138.60	ng	-0.02
44) 2-Fluorobiphenyl	13.33	172	482278	89.36	ng	-0.01
78) Terphenyl-d14	20.05	244	711054	98.40	ng	0.00

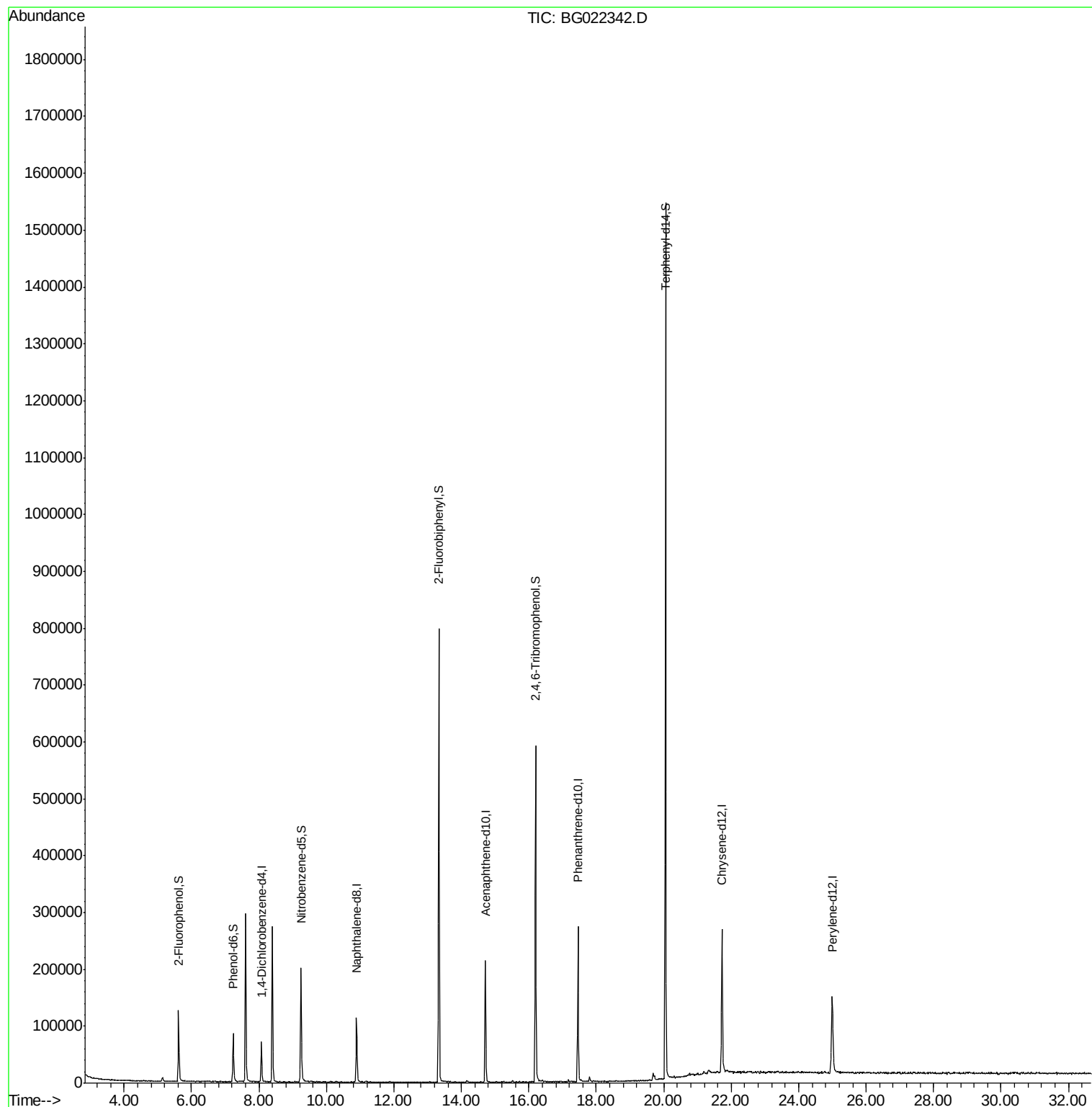
Target Compounds Qvalue

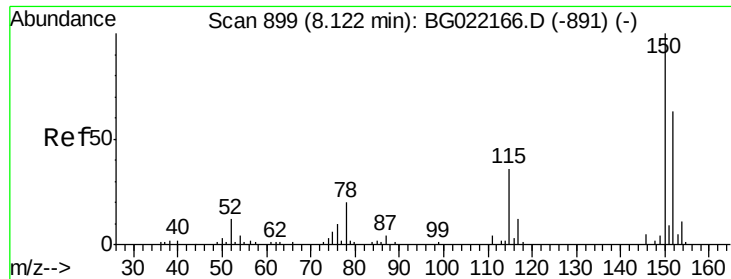
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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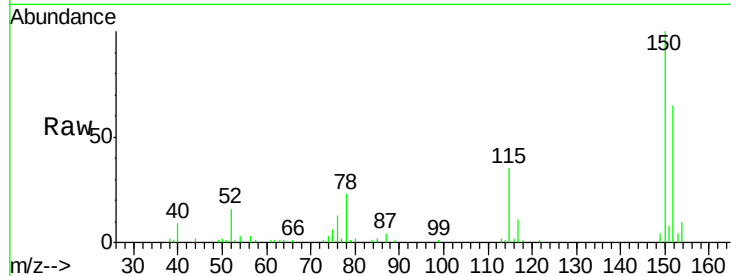


#1

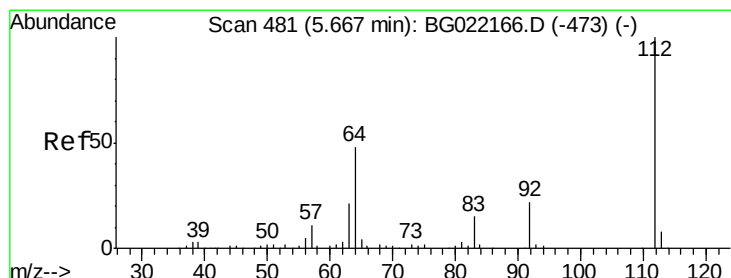
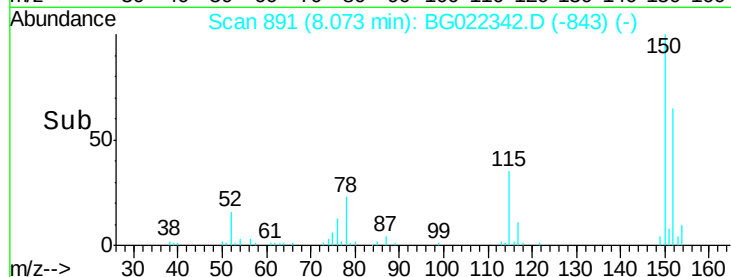
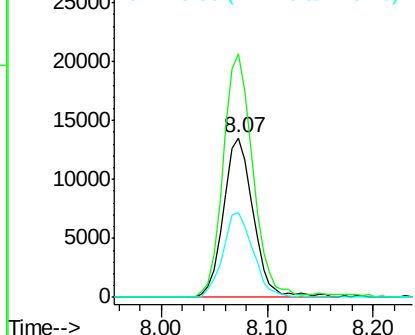
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.07 min Scan# 891
Delta R.T. -0.02 min
Lab File: BG022342.D
Acq: 14 Jun 2016 19:45

Instrument :
BNA_G
ClientSampleId :
W-36

Tot Ion:152 Resp: 26502
Ion Ratio Lower Upper
152 100
150 152.8 130.1 195.1
115 53.7 62.2 93.2#



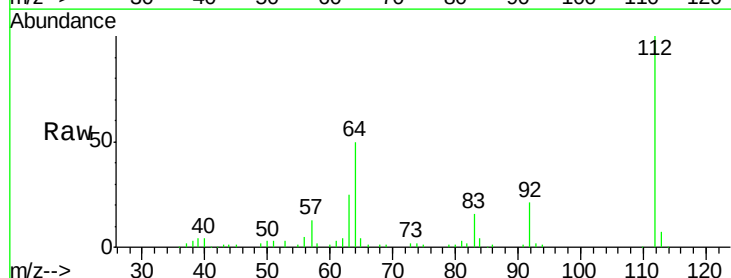
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



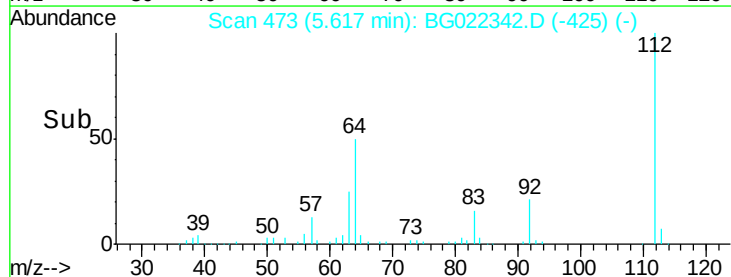
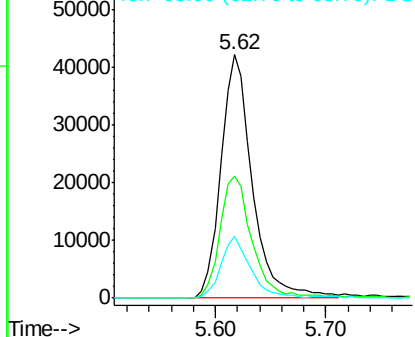
#5

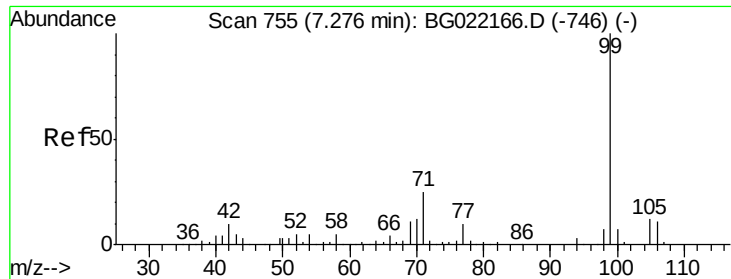
2-Fluorophenol
Concen: 61.08 ng
RT: 5.62 min Scan# 473
Delta R.T. -0.02 min
Lab File: BG022342.D
Acq: 14 Jun 2016 19:45

Tgt Ion:112 Resp: 83724
Ion Ratio Lower Upper
112 100
64 50.3 51.1 76.7#
63 25.2 24.6 37.0



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





#7

Phenol-d6

Concen: 36.16 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.02 min

Lab File: BG022342.D

Acq: 14 Jun 2016 19:45

Instrument :

BNA_G

ClientSampleId :

W-36

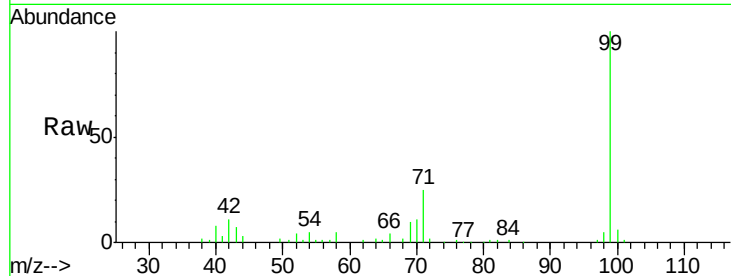
Tot Ion: 99 Resp: 77933

Ion Ratio Lower Upper

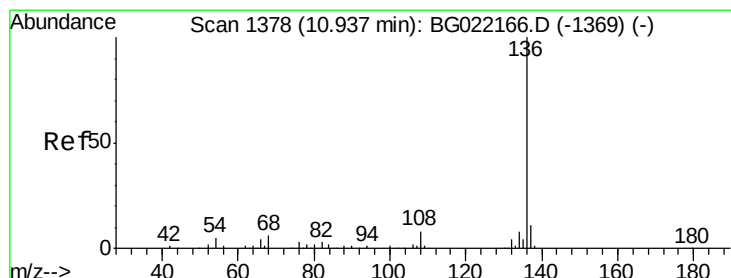
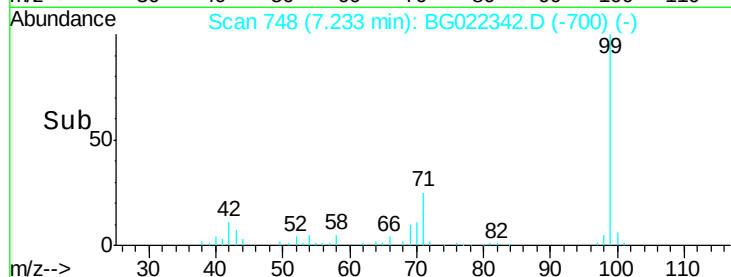
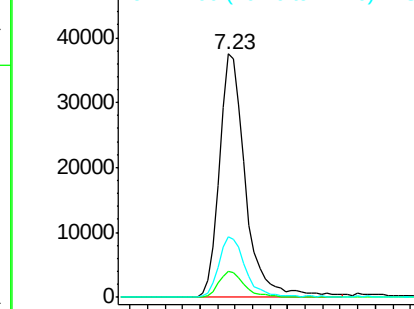
99 100

42 10.6 16.4 24.6#

71 24.7 25.0 37.4#



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: 10.89 min Scan# 1371

Delta R.T. -0.01 min

Lab File: BG022342.D

Acq: 14 Jun 2016 19:45

Tgt Ion: 136 Resp: 128745

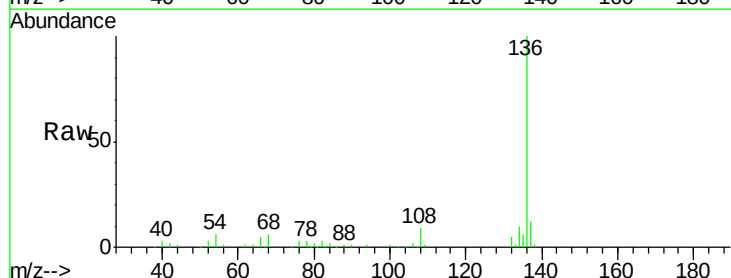
Ion Ratio Lower Upper

136 100

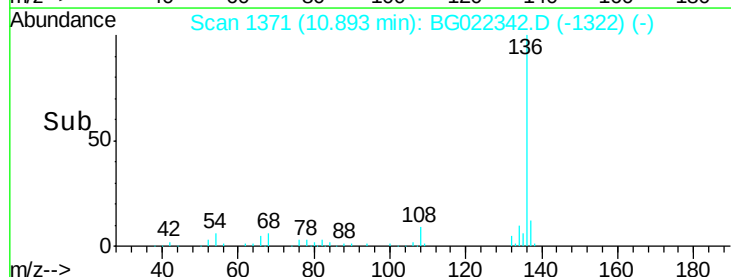
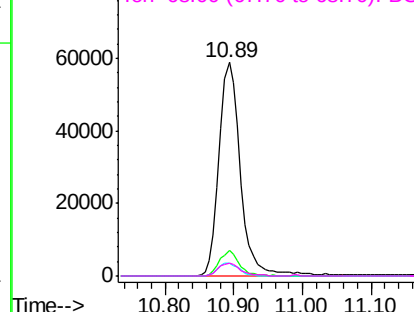
137 11.7 9.0 13.4

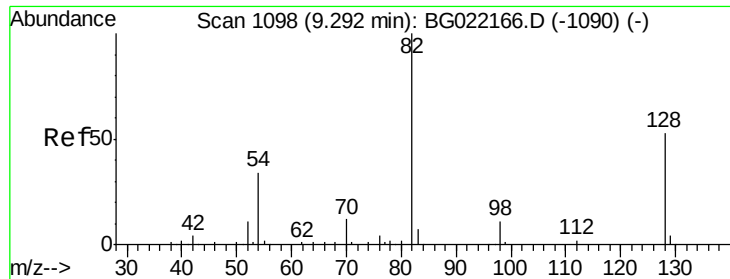
54 6.1 9.6 14.4#

68 6.1 6.4 9.6#



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

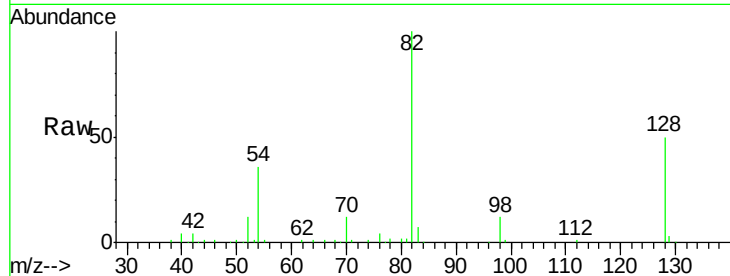




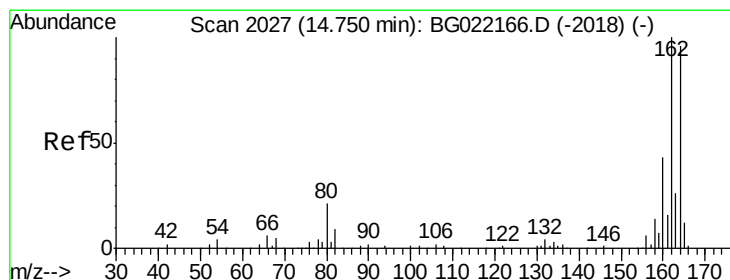
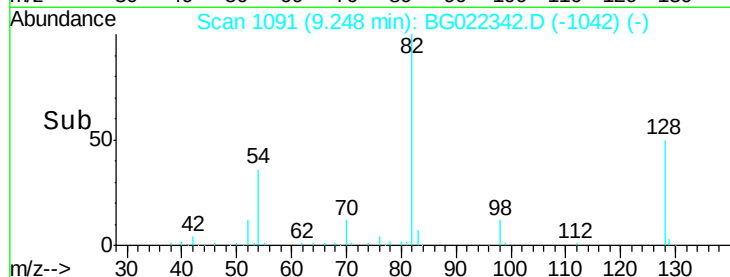
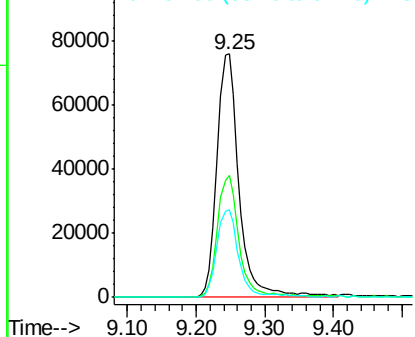
#23
Nitrobenzene-d5
Concen: 92.40 ng
RT: 9.25 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BG022342.D
Acq: 14 Jun 2016 19:45

Instrument :
BNA_G
ClientSampled :
W-36

Tot Ion: 82 Resp: 170623
Ion Ratio Lower Upper
82 100
128 50.3 33.4 50.0#
54 36.0 46.1 69.1#

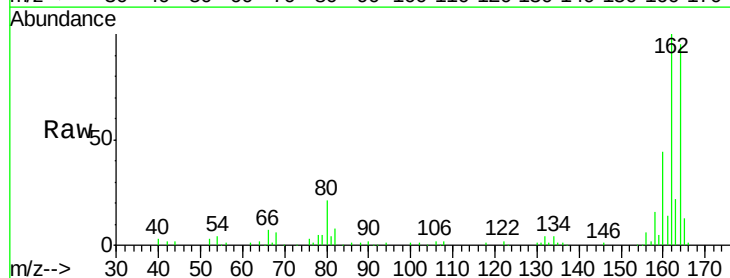


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

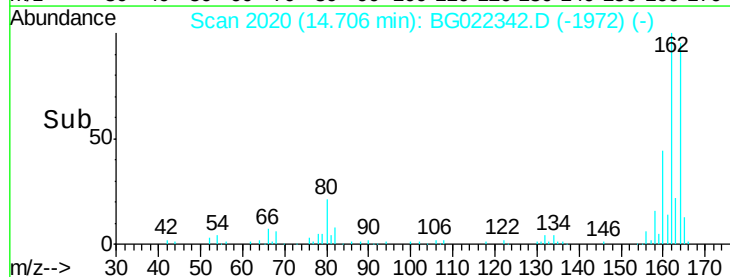
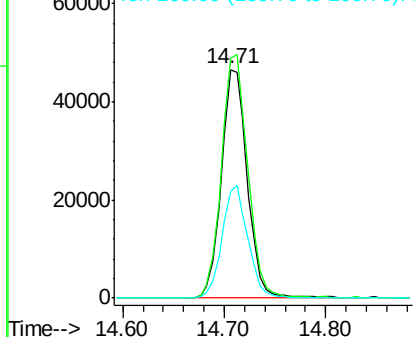


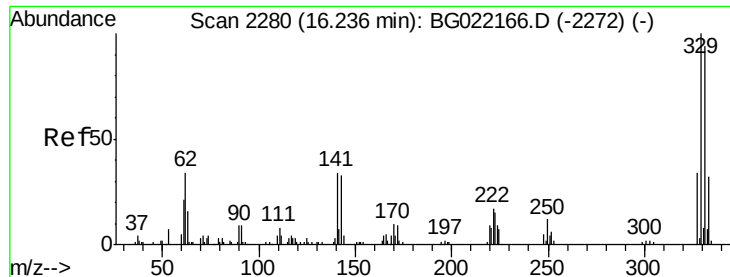
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BG022342.D
Acq: 14 Jun 2016 19:45

Tgt Ion:164 Resp: 82245
Ion Ratio Lower Upper
164 100
162 105.0 78.0 117.0
160 46.4 32.9 49.3



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

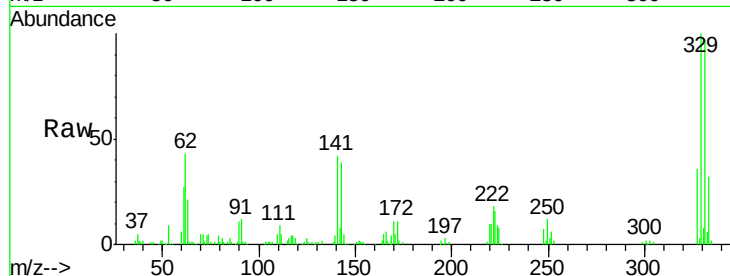




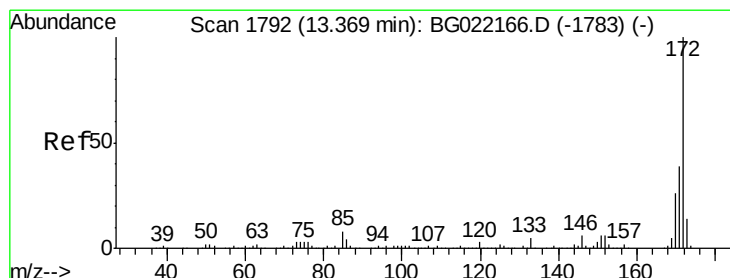
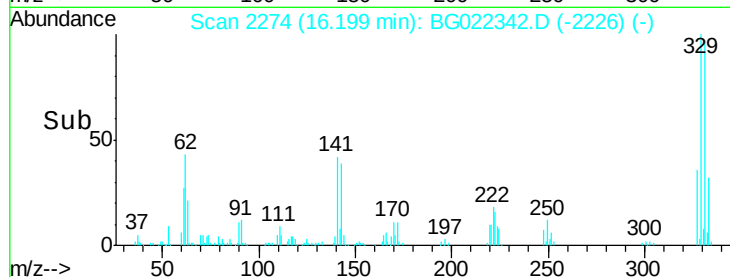
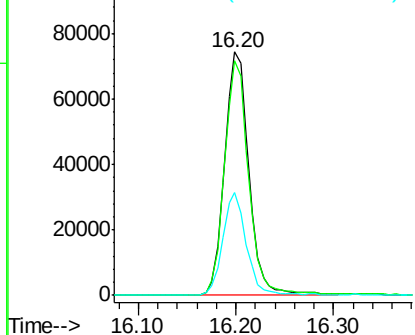
#41
 2,4,6-Tribromophenol
 Concen: 138.60 ng
 RT: 16.20 min Scan# 2274
 Delta R.T. -0.02 min
 Lab File: BG022342.D
 Acq: 14 Jun 2016 19:45

Instrument :
 BNA_G
 ClientSampled :
 W-36

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.0	117.0
141	40.4	33.8	50.8

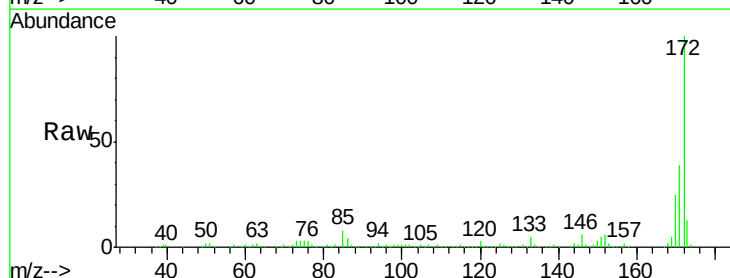


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

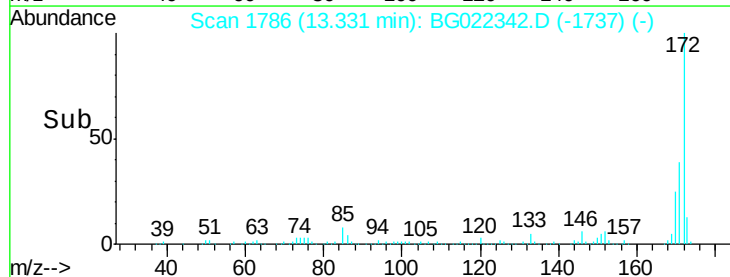
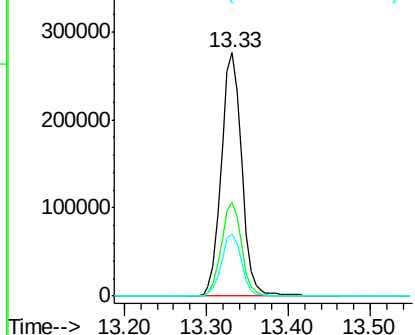


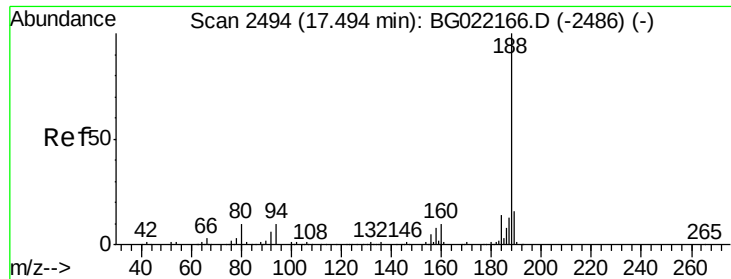
#44
 2-Fluorobiphenyl
 Concen: 89.36 ng
 RT: 13.33 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BG022342.D
 Acq: 14 Jun 2016 19:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	27.8	41.6
170	25.2	19.6	29.4



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.46 min Scan# 2488

Delta R.T. -0.01 min

Lab File: BG022342.D

Acq: 14 Jun 2016 19:45

Instrument :

BNA_G

ClientSampled :

W-36

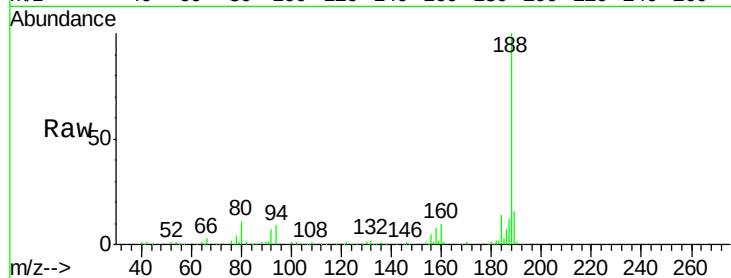
Tot Ion:188 Resp: 194155

Ion Ratio Lower Upper

188 100

94 9.4 7.5 11.3

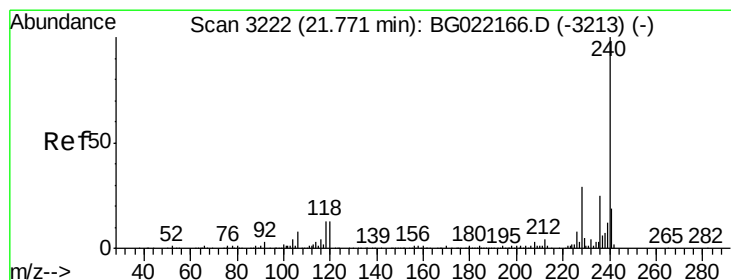
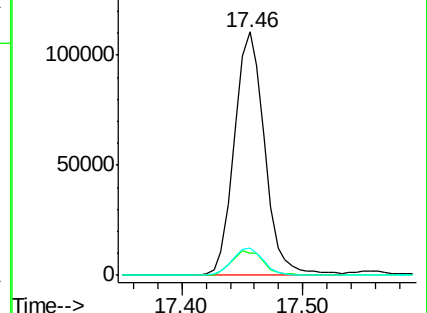
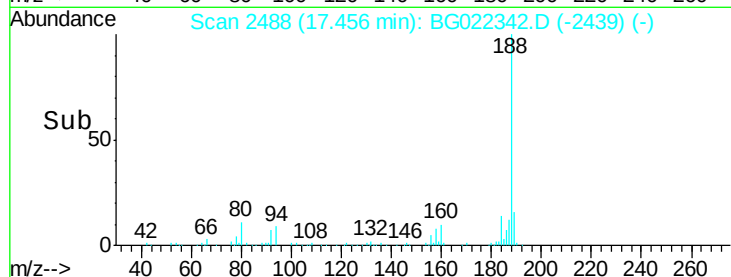
80 11.4 8.6 13.0



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: 21.73 min Scan# 3215

Delta R.T. -0.01 min

Lab File: BG022342.D

Acq: 14 Jun 2016 19:45

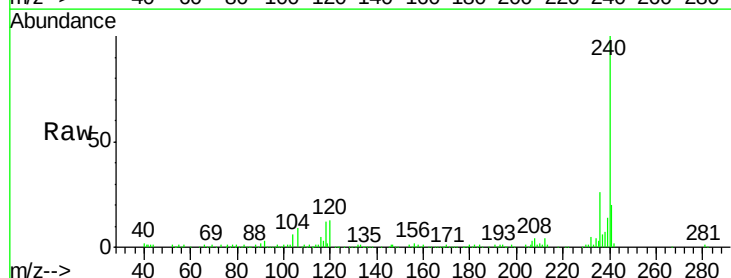
Tgt Ion:240 Resp: 171559

Ion Ratio Lower Upper

240 100

120 13.3 8.4 12.6#

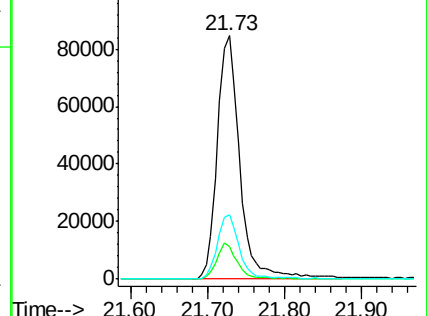
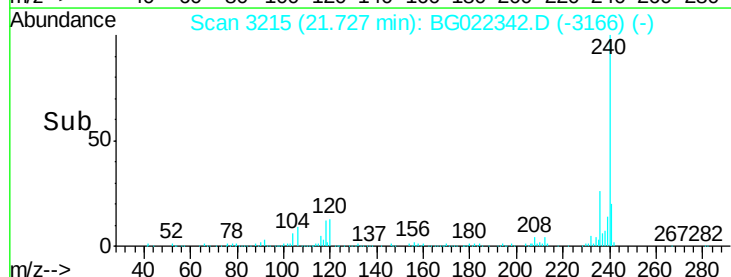
236 26.5 19.6 29.4

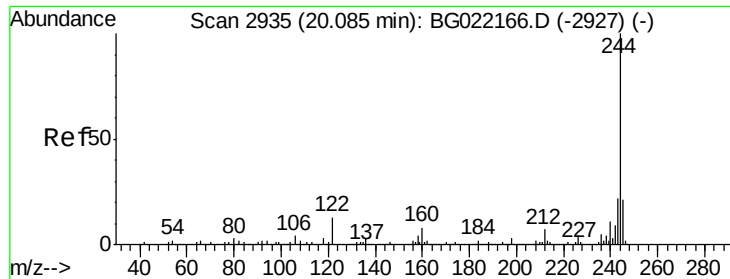


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

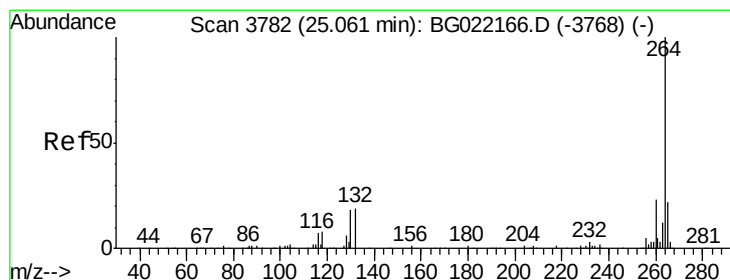
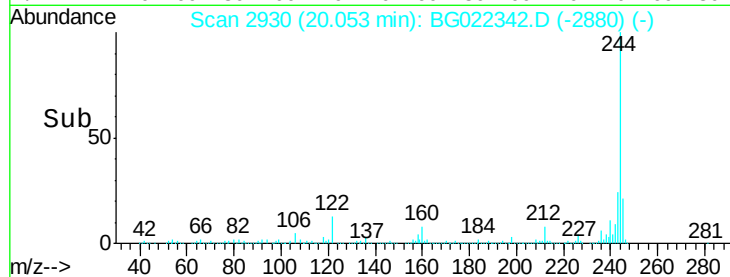
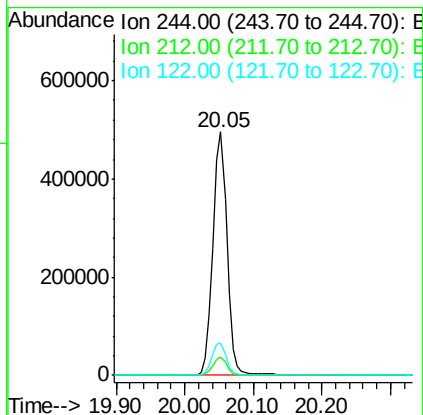
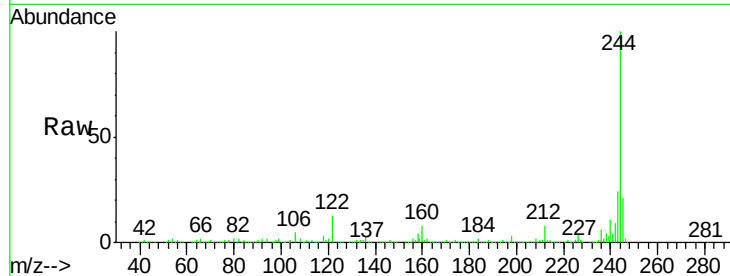




#78
 Terphenyl-d14
 Concen: 98.40 ng
 RT: 20.05 min Scan# 2930
 Delta R.T. -0.01 min
 Lab File: BG022342.D
 Acq: 14 Jun 2016 19:45

Instrument :
 BNA_G
 ClientSampleId :
 W-36

Tot Ion:244 Resp: 711054
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 13.5 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.99 min Scan# 3771
 Delta R.T. -0.02 min
 Lab File: BG022342.D
 Acq: 14 Jun 2016 19:45

Tgt Ion:264 Resp: 154837
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.2 30.4
 265 21.3 17.8 26.8

