

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
 Data File : BG019925.D
 Acq On : 5 Dec 2015 4:10
 Operator : UM/NP
 Sample : PB87049BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87049BL

Quant Time: Dec 07 04:04:46 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	29138	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	130100	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	94631	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	247888	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	305928	20.00	ng	-0.04
86) Perylene-d12	25.04	264	282061	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	233926	145.10	ng	-0.01
7) Phenol-d6	7.26	99	339566	139.50	ng	-0.01
23) Nitrobenzene-d5	9.28	82	223404	87.64	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	177236	122.41	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	545872	78.76	ng	-0.02
78) Terphenyl-d14	20.09	244	1006353	80.24	ng	-0.02

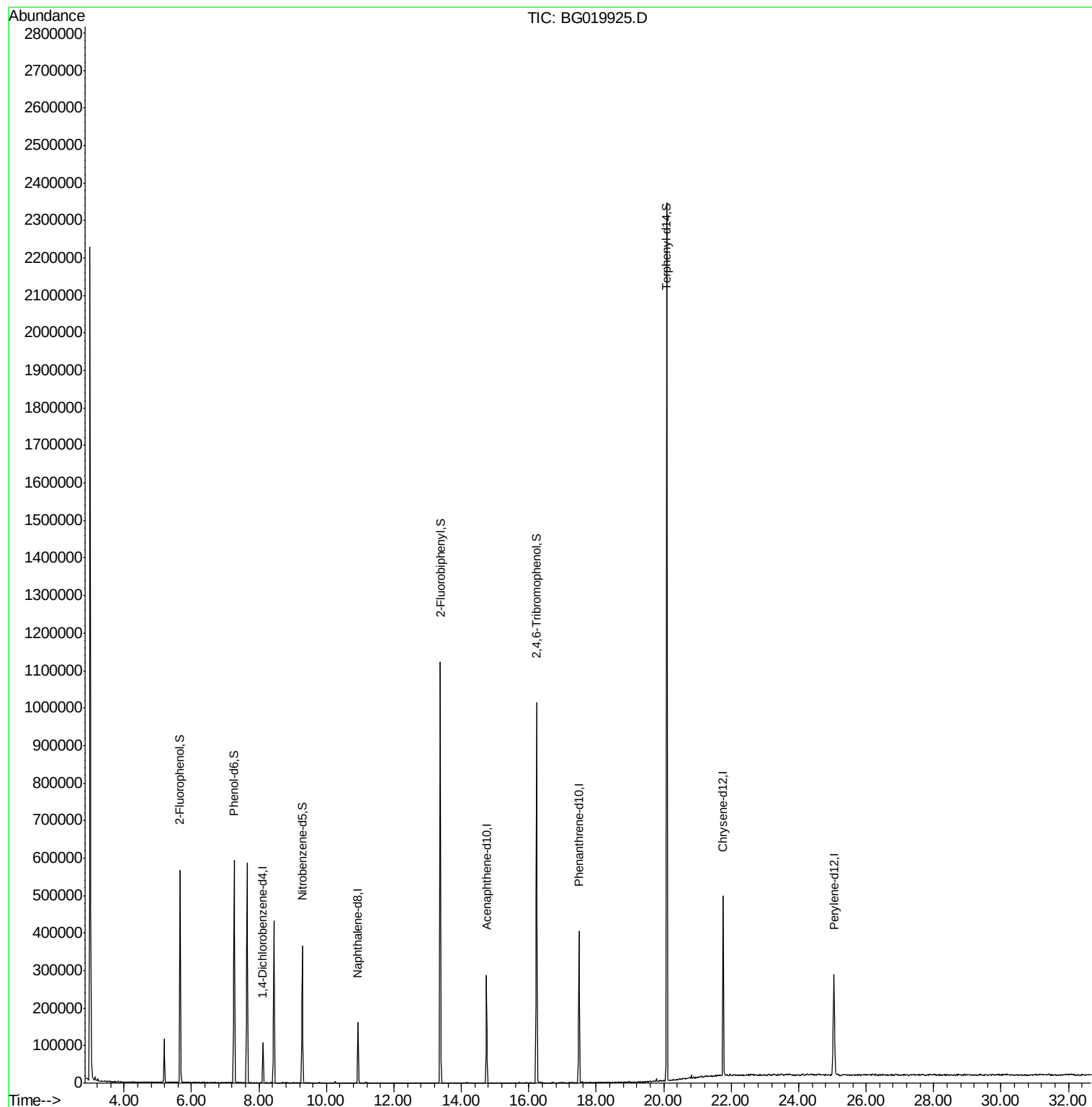
Target Compounds Qvalue

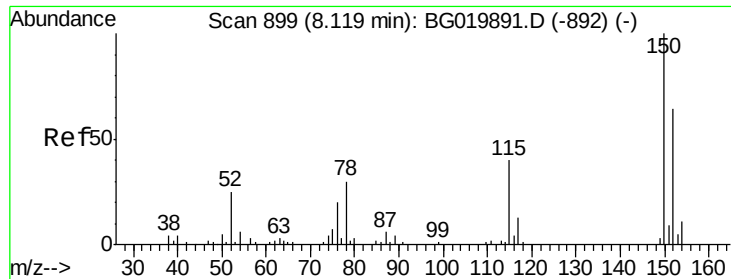
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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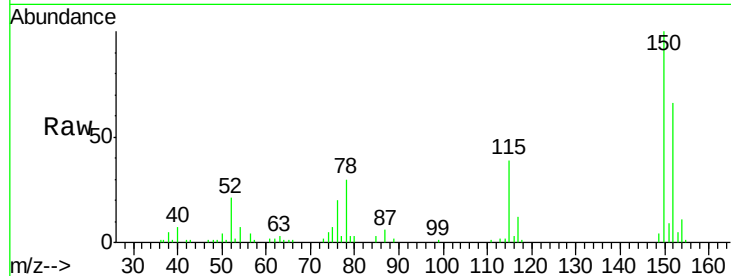




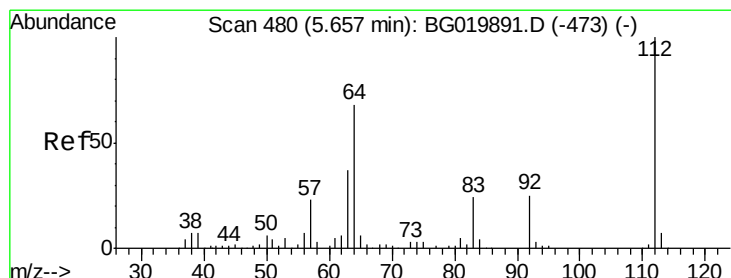
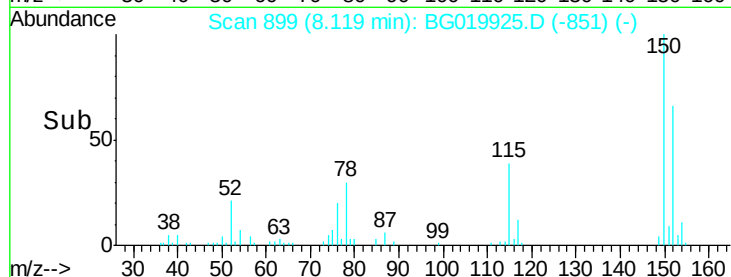
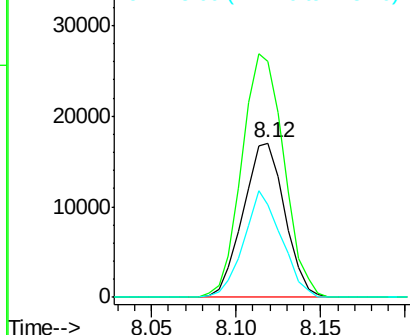
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.12 min Scan# 899
 Delta R.T. -0.02 min
 Lab File: BG019925.D
 Acq: 5 Dec 2015 4:10

Instrument :
 BNA_G
 ClientSampleId :
 PB87049BL

Tot Ion:152 Resp: 29138
 Ion Ratio Lower Upper
 152 100
 150 152.2 115.0 172.4
 115 59.8 43.9 65.9

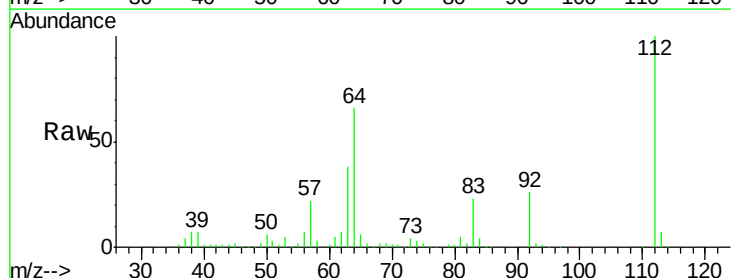


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

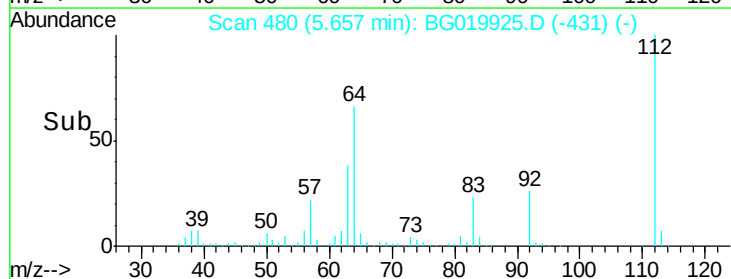
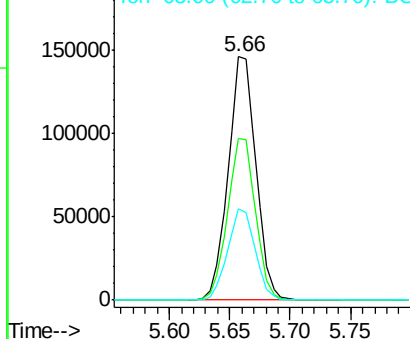


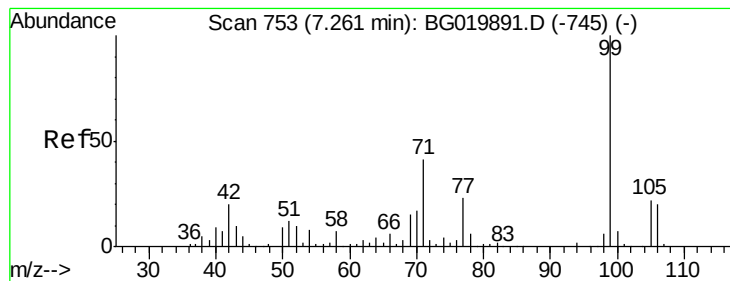
#5
 2-Fluorophenol
 Concen: 145.10 ng
 RT: 5.66 min Scan# 480
 Delta R.T. -0.01 min
 Lab File: BG019925.D
 Acq: 5 Dec 2015 4:10

Tgt Ion:112 Resp: 233926
 Ion Ratio Lower Upper
 112 100
 64 66.5 43.7 65.5#
 63 37.7 24.0 36.0#



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: 139.50 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019925.D

Acq: 5 Dec 2015 4:10

Instrument :

BNA_G

ClientSampleId :

PB87049BL

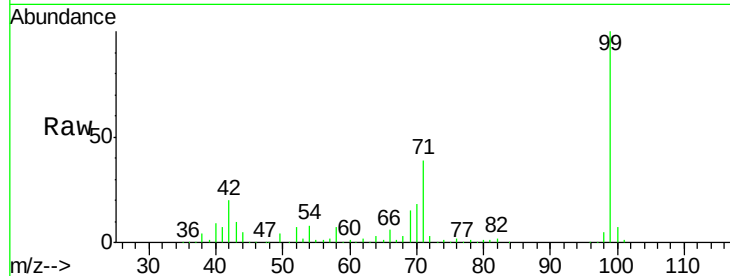
Tot Ion: 99 Resp: 339566

Ion Ratio Lower Upper

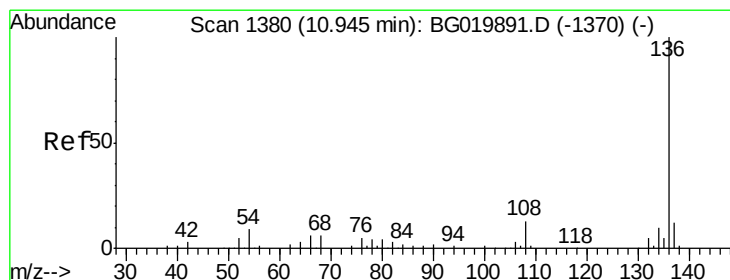
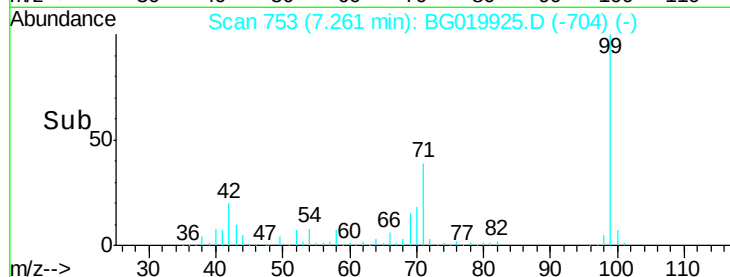
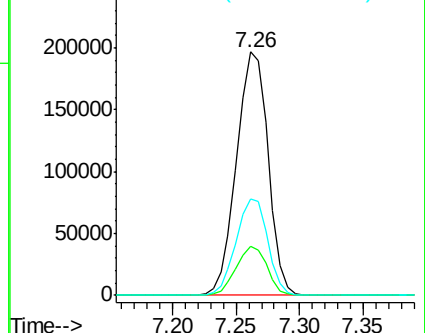
99 100

42 20.4 11.5 17.3#

71 39.4 22.6 34.0#



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: 20.00 ng

RT: 10.93 min Scan# 1378

Delta R.T. -0.02 min

Lab File: BG019925.D

Acq: 5 Dec 2015 4:10

Tgt Ion: 136 Resp: 130100

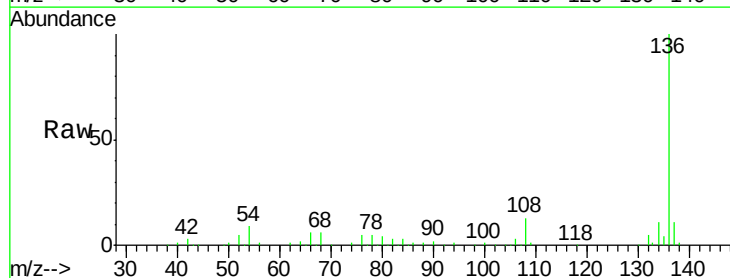
Ion Ratio Lower Upper

136 100

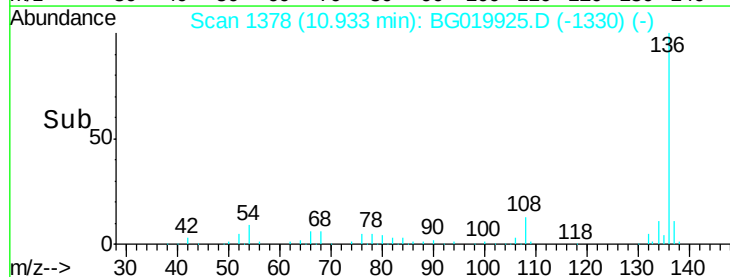
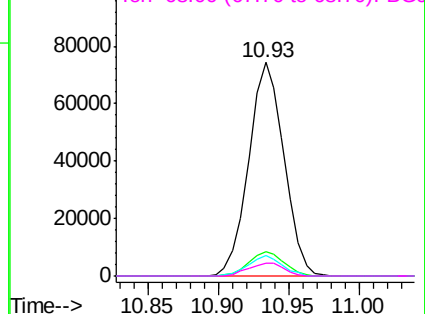
137 11.2 8.6 12.8

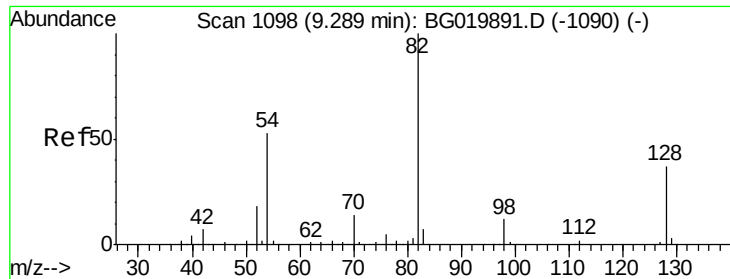
54 9.4 5.4 8.2#

68 5.9 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

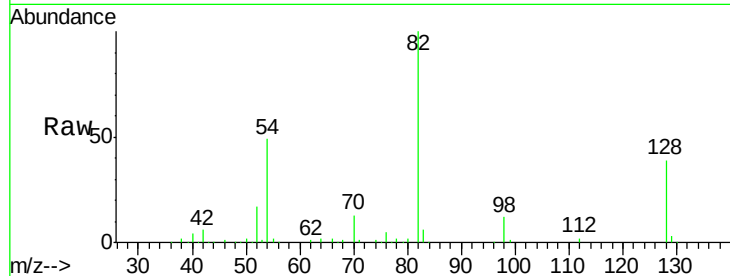




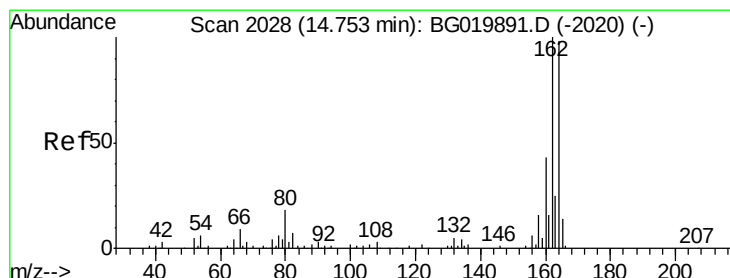
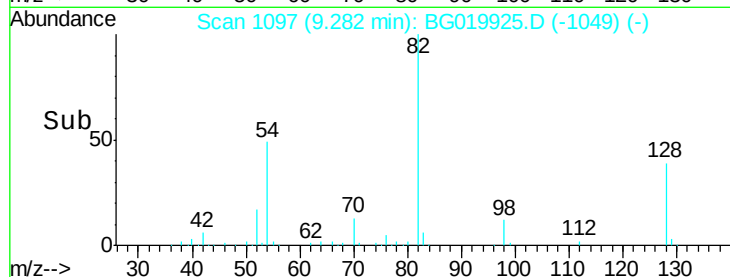
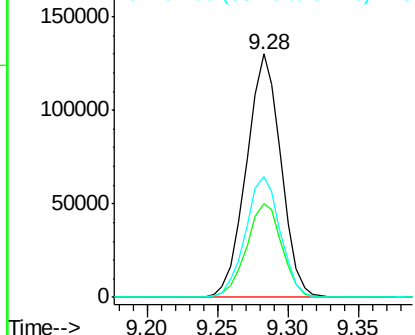
#23
 Nitrobenzene-d5
 Concen: 87.64 ng
 RT: 9.28 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BG019925.D
 Acq: 5 Dec 2015 4:10

Instrument :
 BNA_G
 ClientSampleID :
 PB87049BL

Tot Ion	82	Resp	223404
Ion Ratio	100	Lower	Upper
128	38.5	36.7	55.1
54	49.4	33.8	50.8

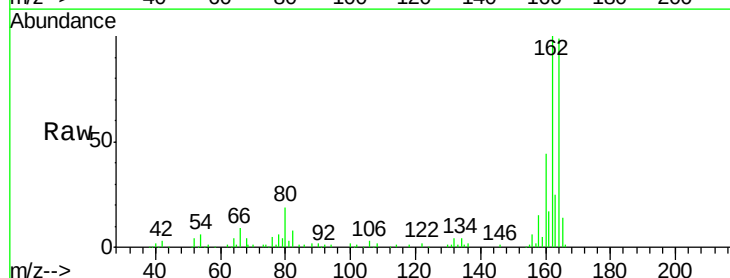


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

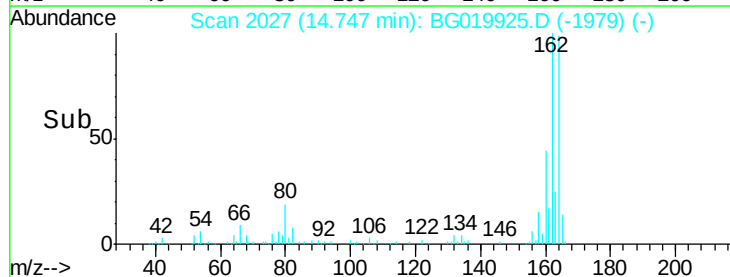
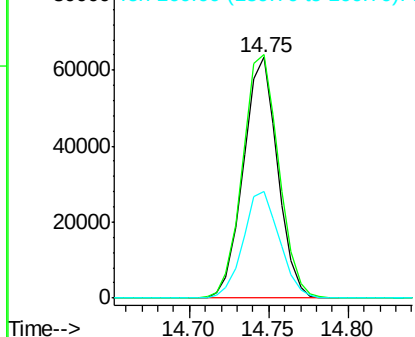


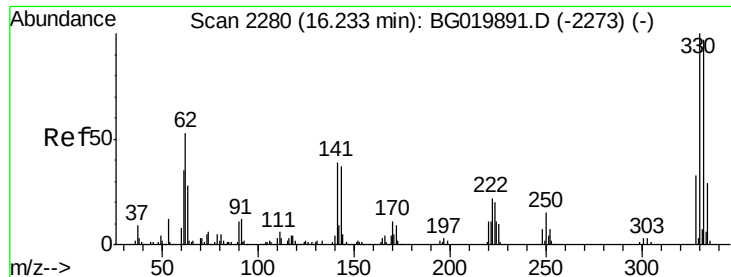
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BG019925.D
 Acq: 5 Dec 2015 4:10

Tgt Ion	164	Resp	94631
Ion Ratio	100	Lower	Upper
162	101.3	78.8	118.2
160	44.3	36.4	54.6



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

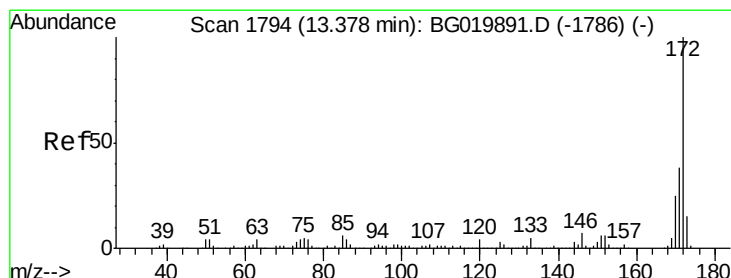
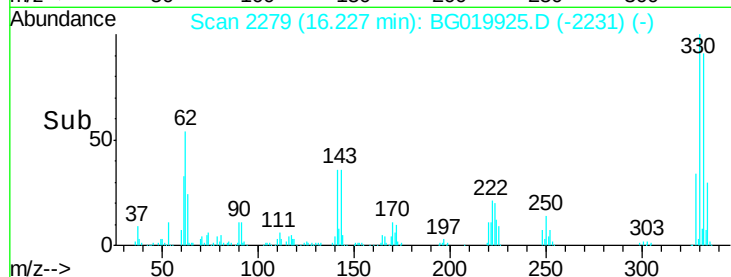
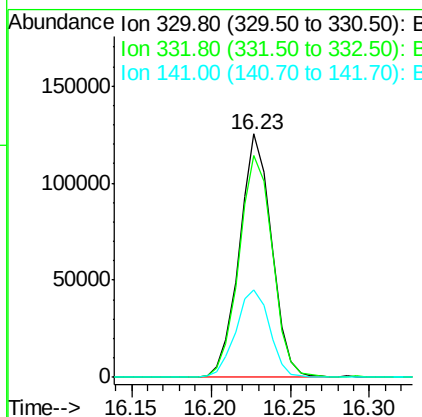
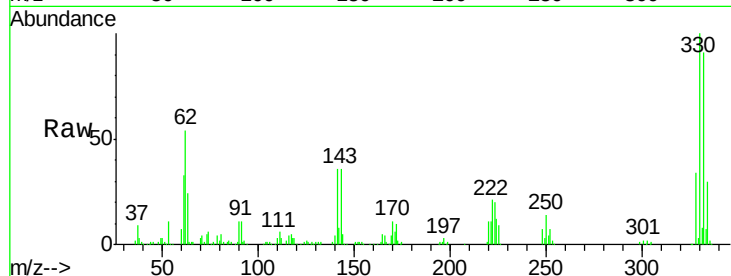




#41
 2,4,6-Tribromophenol
 Concen: 122.41 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG019925.D
 Acq: 5 Dec 2015 4:10

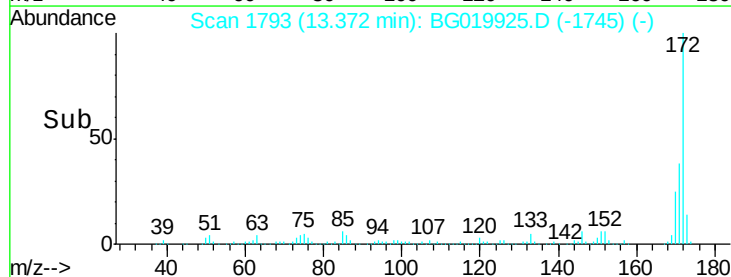
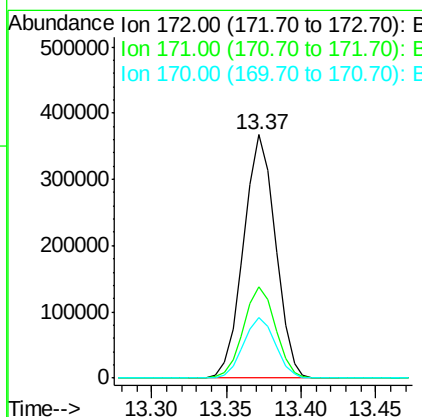
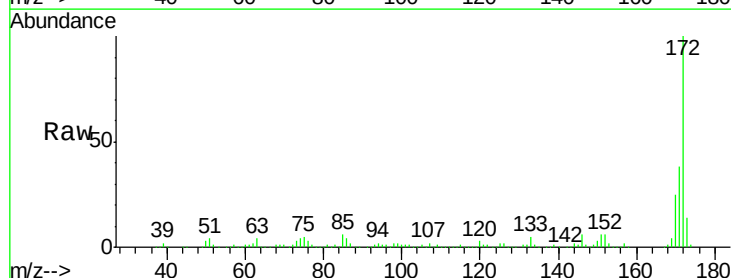
Instrument :
 BNA_G
 ClientSampleId :
 PB87049BL

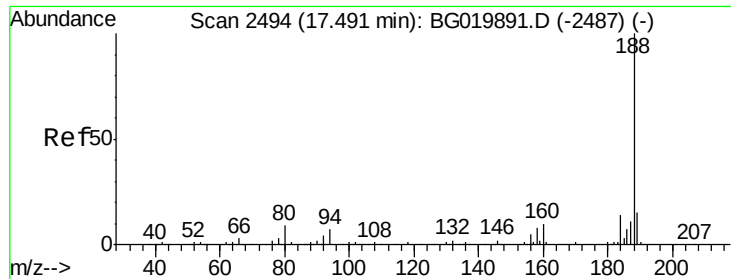
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	78.1	117.1
141	37.9	28.2	42.2



#44
 2-Fluorobiphenyl
 Concen: 78.76 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019925.D
 Acq: 5 Dec 2015 4:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.0	43.6
170	24.8	19.9	29.9

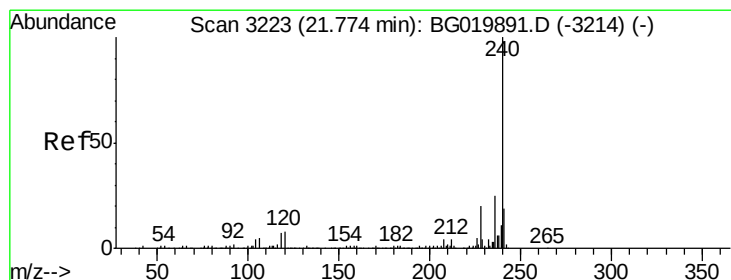
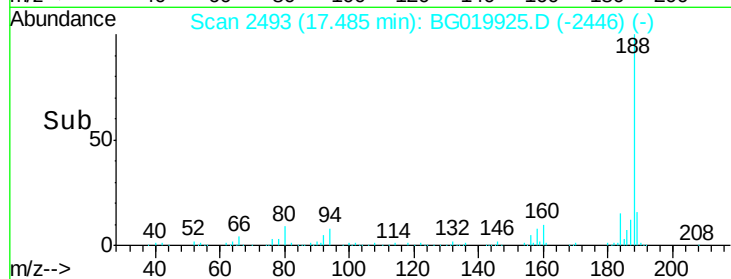
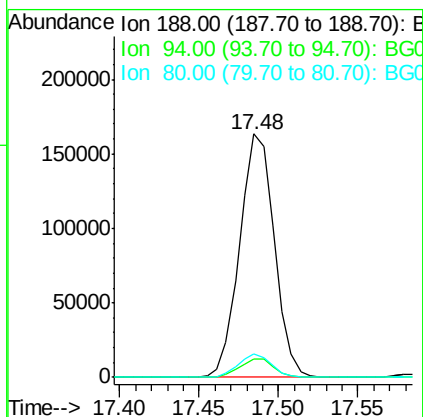
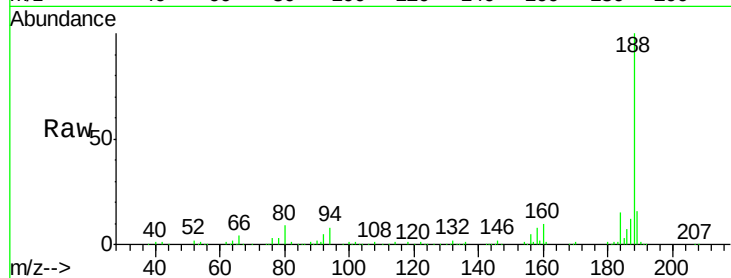




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019925.D
Acq: 5 Dec 2015 4:10

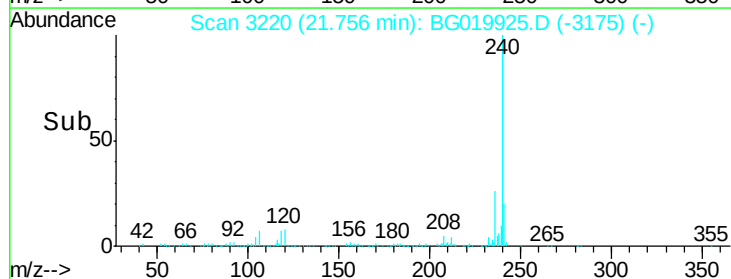
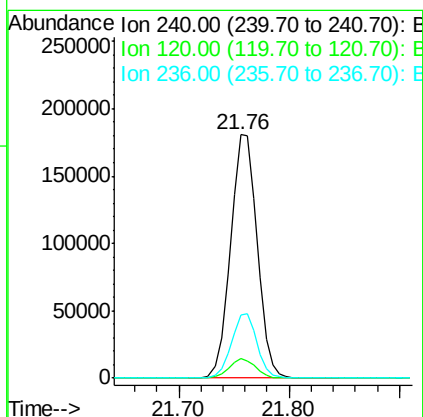
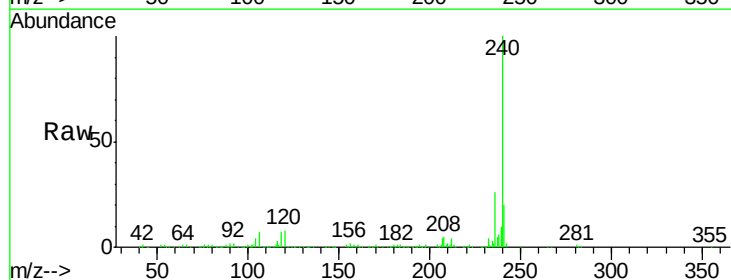
Instrument :
BNA_G
ClientSampleId :
PB87049BL

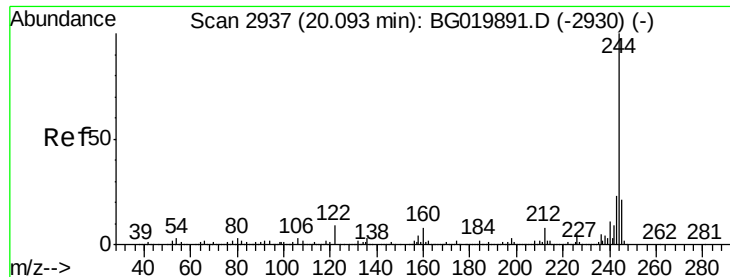
Tot Ion:188 Resp: 247888
Ion Ratio Lower Upper
188 100
94 7.8 7.7 11.5
80 9.4 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.04 min
Lab File: BG019925.D
Acq: 5 Dec 2015 4:10

Tgt Ion:240 Resp: 305928
Ion Ratio Lower Upper
240 100
120 7.9 7.4 11.0
236 25.9 20.7 31.1





#78

Terphenyl-d14

Concen: 80.24 ng

RT: 20.09 min Scan# 2936

Delta R.T. -0.02 min

Lab File: BG019925.D

Acq: 5 Dec 2015 4:10

Instrument :

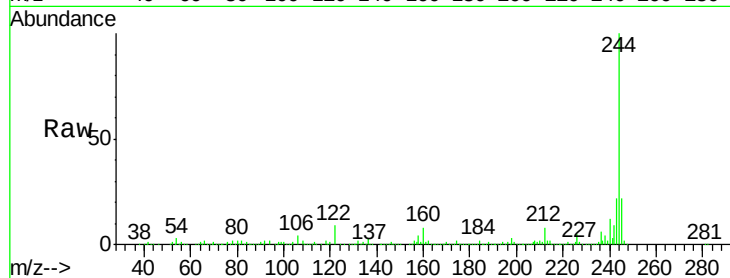
BNA_G

ClientSampleId :

PB87049BL

Tot Ion:244 Resp: 1006353

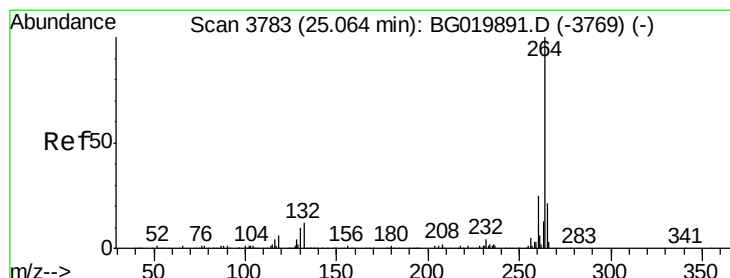
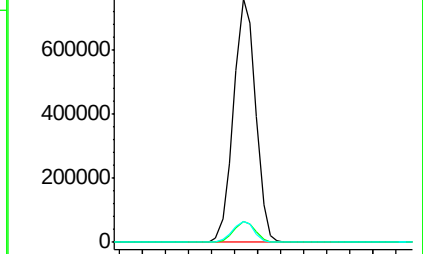
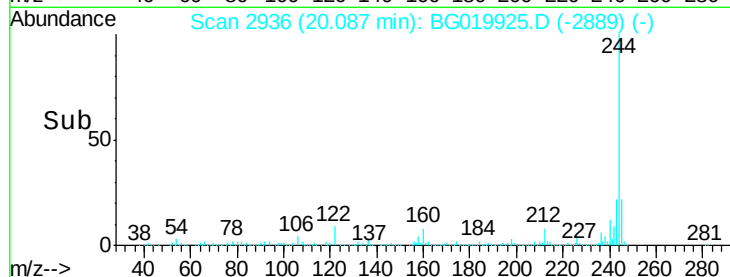
Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	8.8	10.2	15.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.04 min Scan# 3779

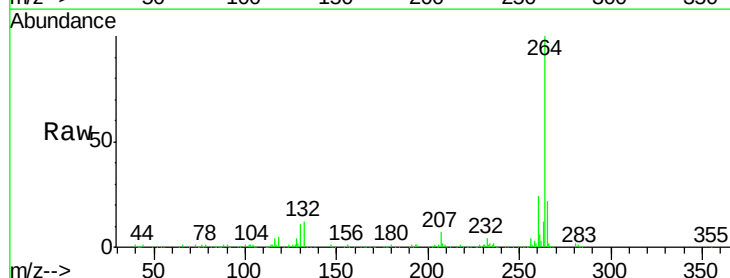
Delta R.T. -0.05 min

Lab File: BG019925.D

Acq: 5 Dec 2015 4:10

Tgt Ion:264 Resp: 282061

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.5	27.7
265	21.6	17.2	25.8



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

