

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
 Data File : BG019929.D
 Acq On : 5 Dec 2015 6:44
 Operator : UM/NP
 Sample : PB86993BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BL

Quant Time: Dec 07 04:05:45 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	29575	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	127467	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	88837	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	234379	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	285199	20.00	ng	-0.03
86) Perylene-d12	25.04	264	265251	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	209999	128.33	ng	0.00
7) Phenol-d6	7.26	99	300080	121.46	ng	0.00
23) Nitrobenzene-d5	9.28	82	197577	79.11	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	150751	110.91	ng	-0.01
44) 2-Fluorobiphenyl	13.37	172	490319	75.36	ng	-0.02
78) Terphenyl-d14	20.09	244	902382	77.18	ng	-0.02

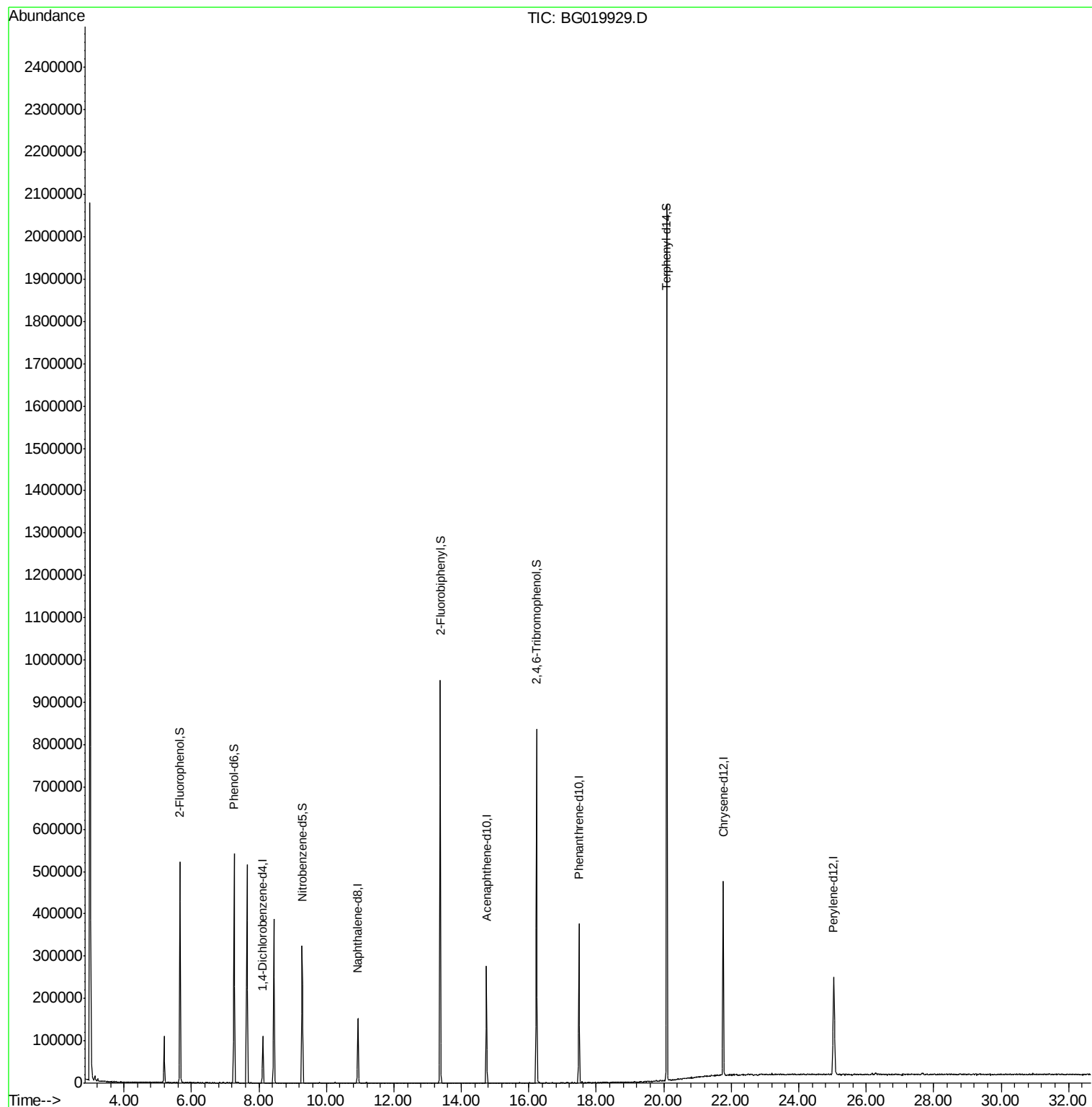
Target Compounds Qvalue

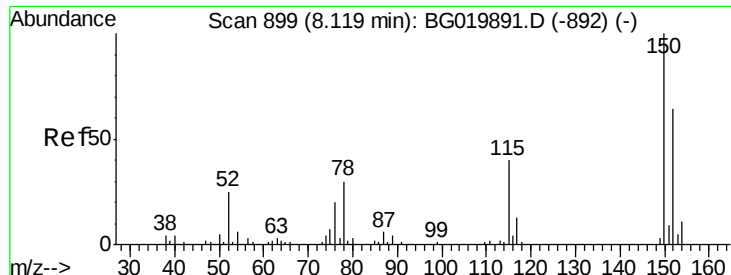
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 898

Delta R.T. -0.02 min

Lab File: BG019929.D

Acq: 5 Dec 2015 6:44

Instrument :

BNA_G

ClientSampleId :

PB86993BL

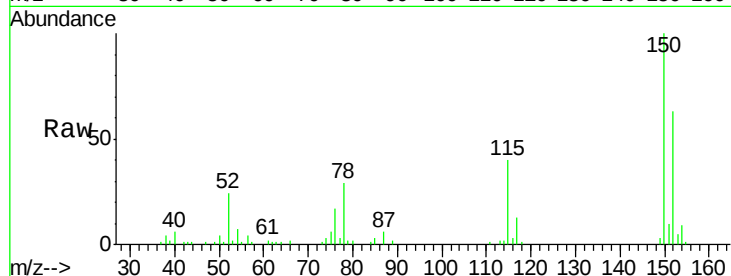
Tot Ion:152 Resp: 29575

Ion Ratio Lower Upper

152 100

150 157.8 115.0 172.4

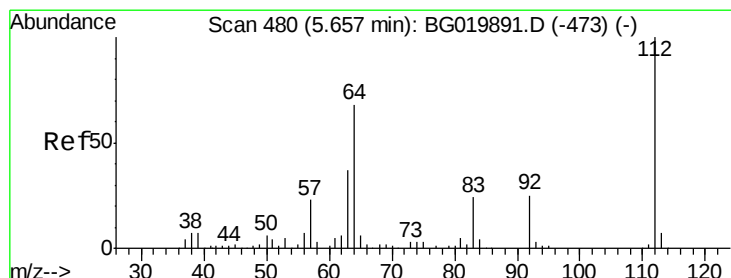
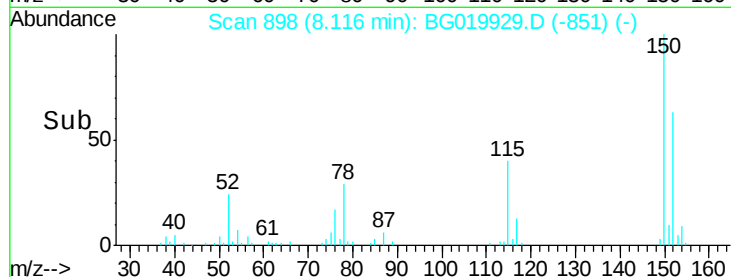
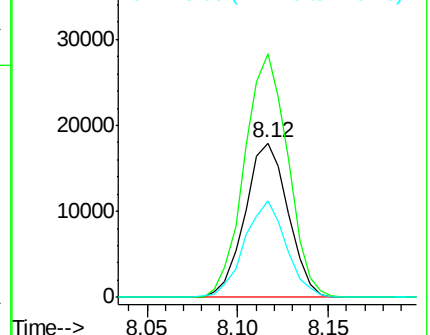
115 62.4 43.9 65.9



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: 128.33 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019929.D

Acq: 5 Dec 2015 6:44

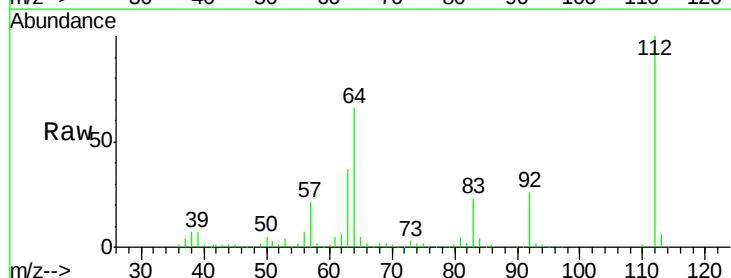
Tgt Ion:112 Resp: 209999

Ion Ratio Lower Upper

112 100

64 66.1 43.7 65.5#

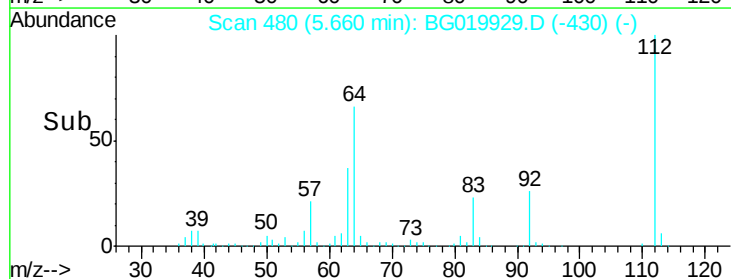
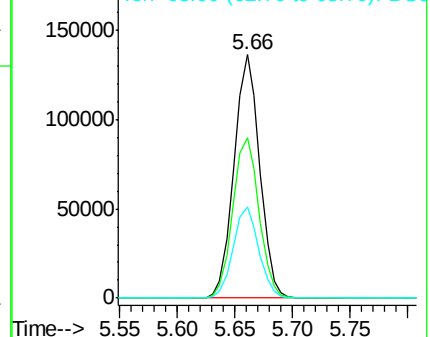
63 37.5 24.0 36.0#

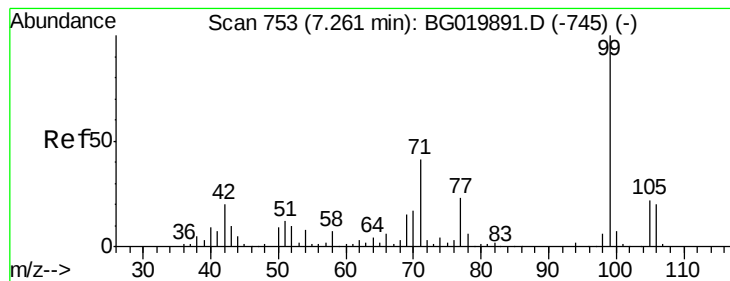


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 121.46 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019929.D

Acq: 5 Dec 2015 6:44

Instrument :

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PB86993BL

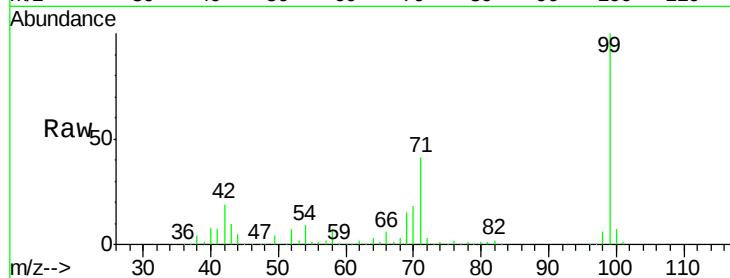
Tot Ion: 99 Resp: 300080

Ion Ratio Lower Upper

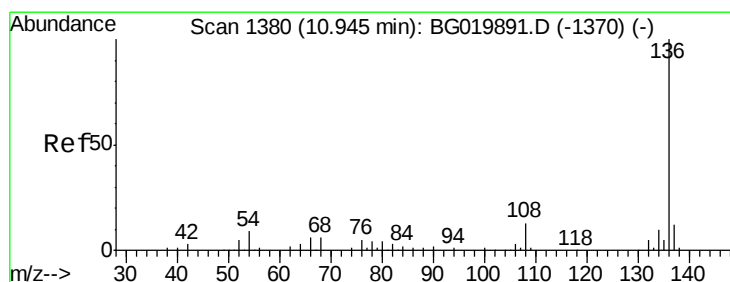
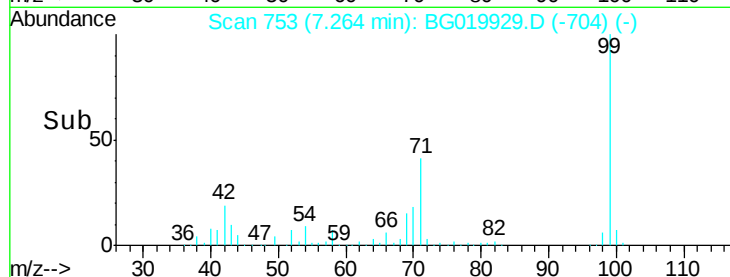
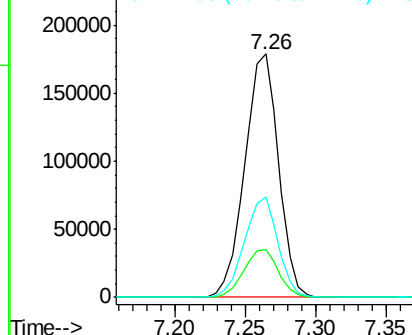
99 100

42 19.5 11.5 17.3#

71 41.0 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: 10.94 min Scan# 1378

Delta R.T. -0.02 min

Lab File: BG019929.D

Acq: 5 Dec 2015 6:44

Tgt Ion: 136 Resp: 127467

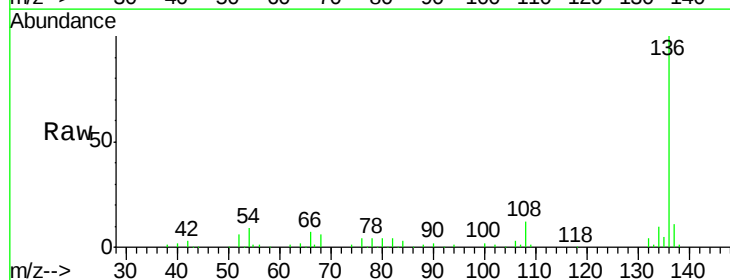
Ion Ratio Lower Upper

136 100

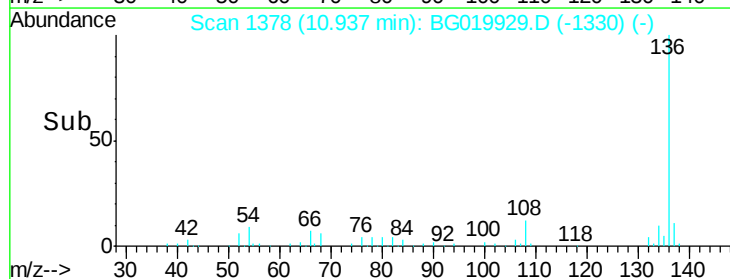
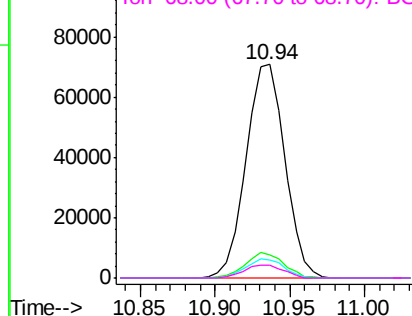
137 11.1 8.6 12.8

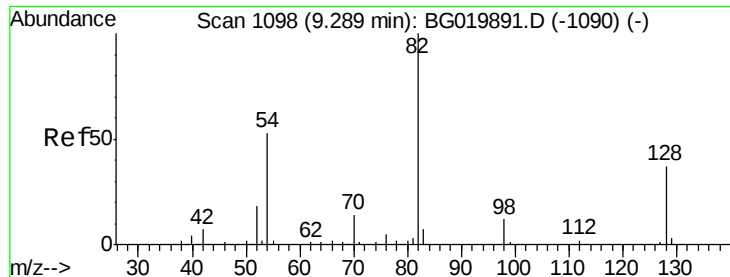
54 8.7 5.4 8.2#

68 6.3 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

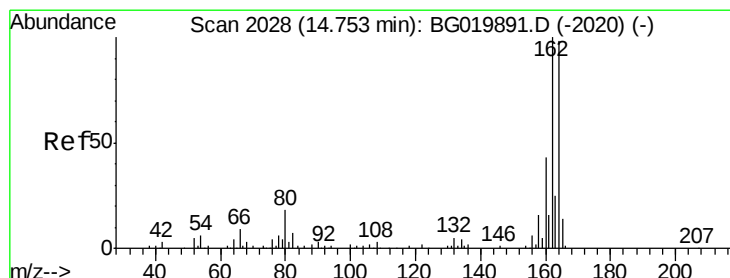
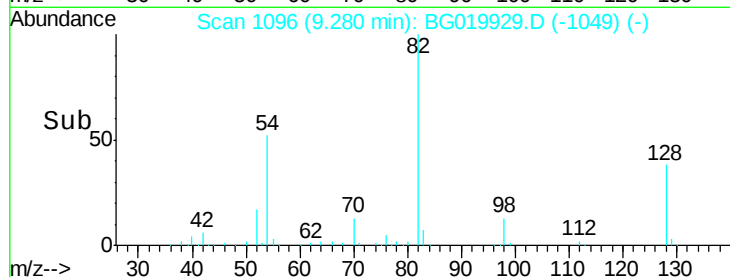
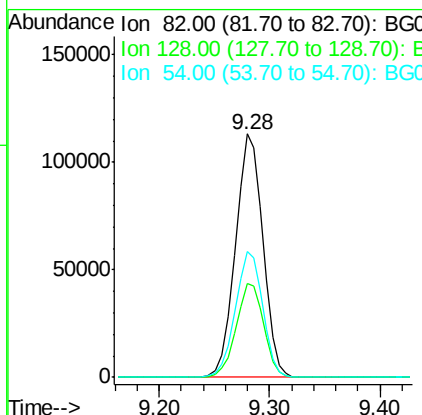
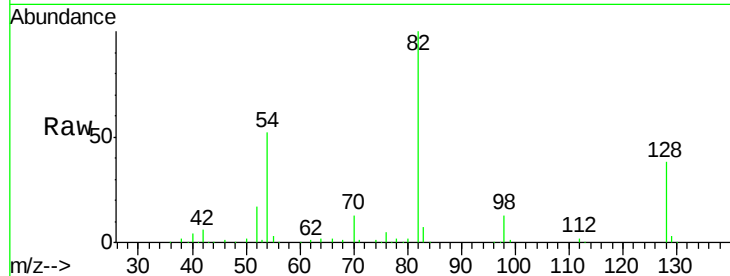




#23
 Nitrobenzene-d5
 Concen: 79.11 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG019929.D
 Acq: 5 Dec 2015 6:44

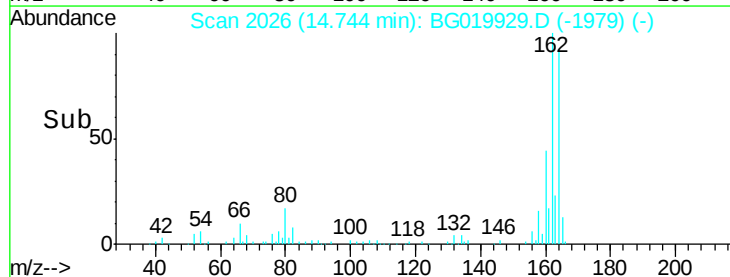
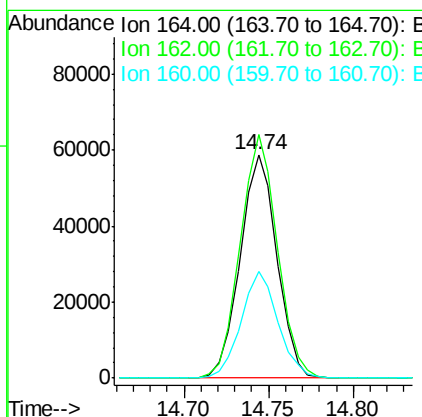
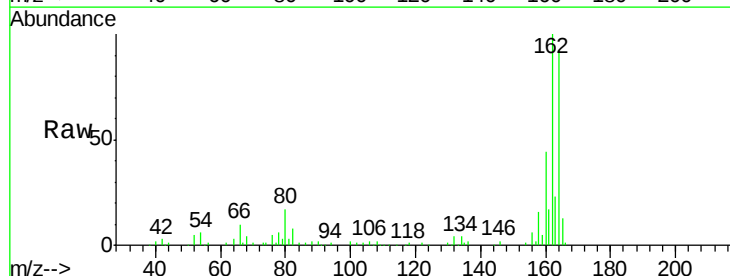
Instrument :
 BNA_G
 ClientSampleID :
 PB86993BL

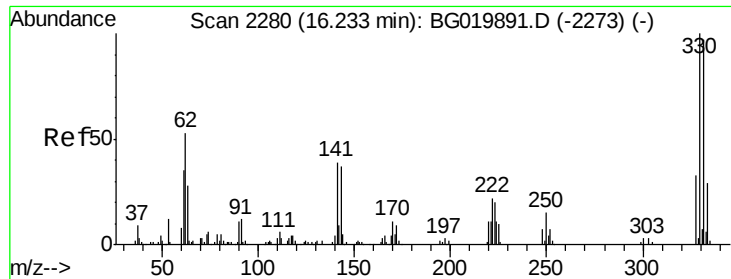
Tot Ion	82	Resp	197577
Ion Ratio	Lower	Upper	
82	100		
128	38.4	36.7	55.1
54	51.5	33.8	50.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BG019929.D
 Acq: 5 Dec 2015 6:44

Tgt Ion	164	Resp	88837
Ion Ratio	Lower	Upper	
164	100		
162	109.1	78.8	118.2
160	47.7	36.4	54.6

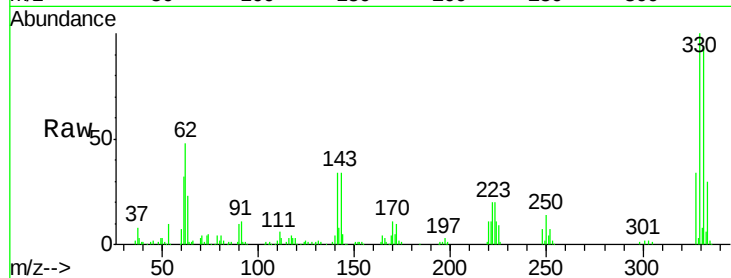




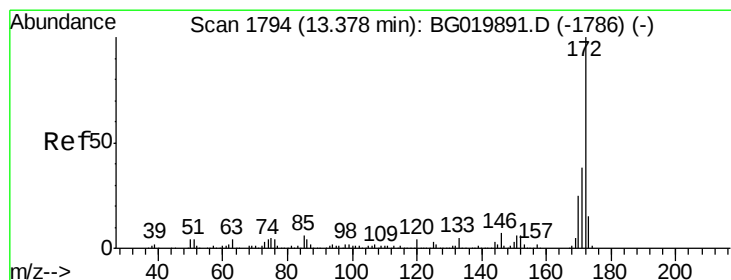
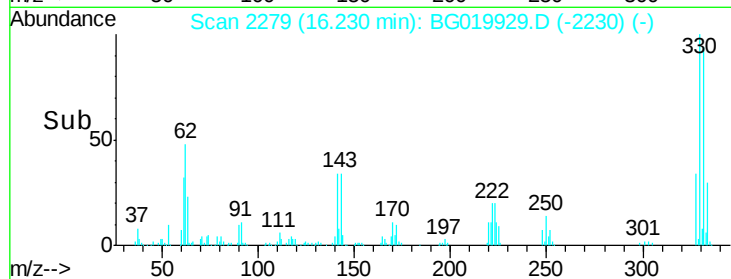
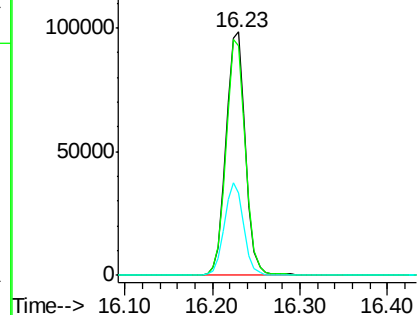
#41
 2,4,6-Tribromophenol
 Concen: 110.91 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BG019929.D
 Acq: 5 Dec 2015 6:44

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.1	117.1
141	37.9	28.2	42.2

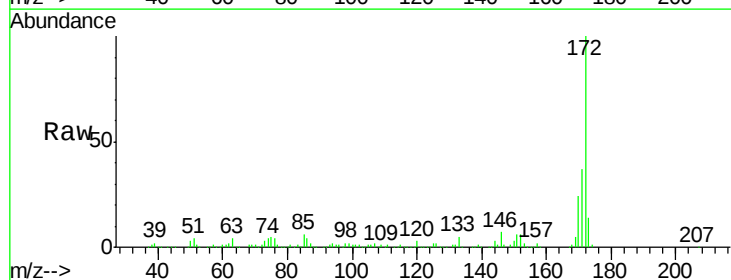


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

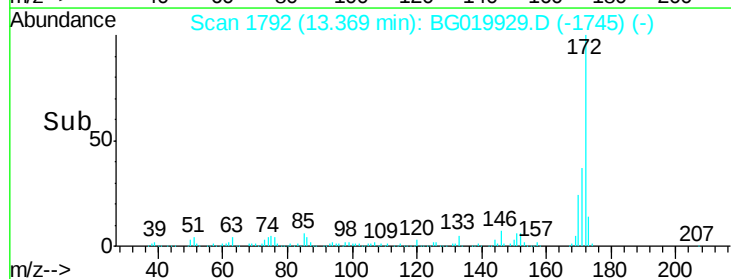
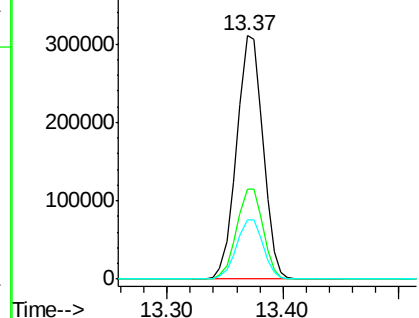


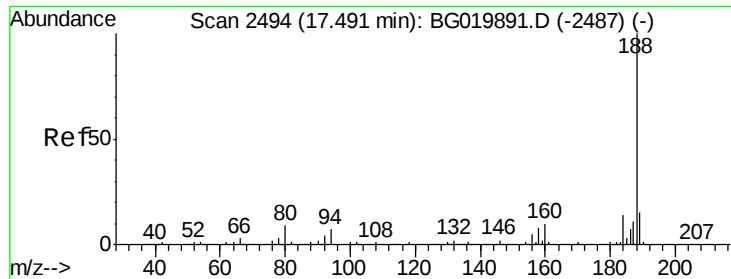
#44
 2-Fluorobiphenyl
 Concen: 75.36 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG019929.D
 Acq: 5 Dec 2015 6:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.0	43.6
170	24.3	19.9	29.9



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

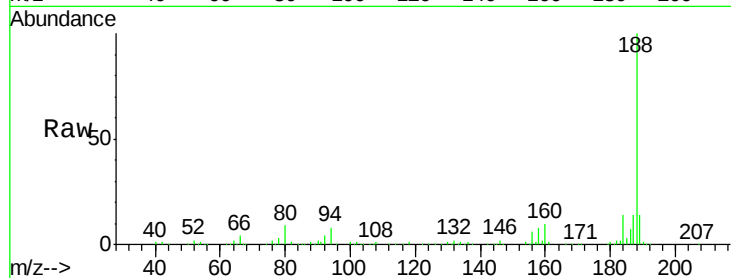




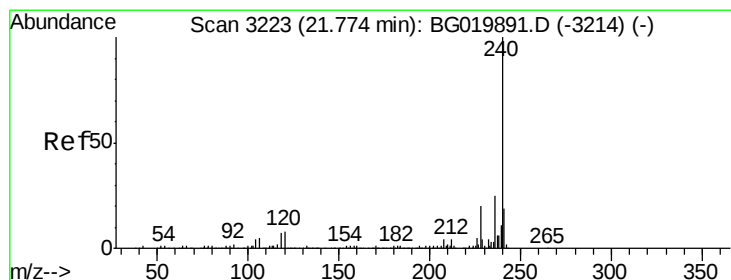
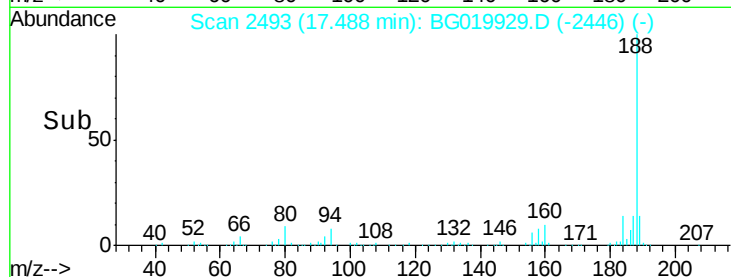
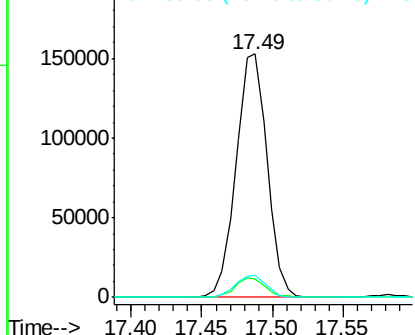
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019929.D
Acq: 5 Dec 2015 6:44

Instrument :
BNA_G
ClientSampleId :
PB86993BL

Tot Ion:188 Resp: 234379
Ion Ratio Lower Upper
188 100
94 7.5 7.7 11.5#
80 9.3 7.8 11.8

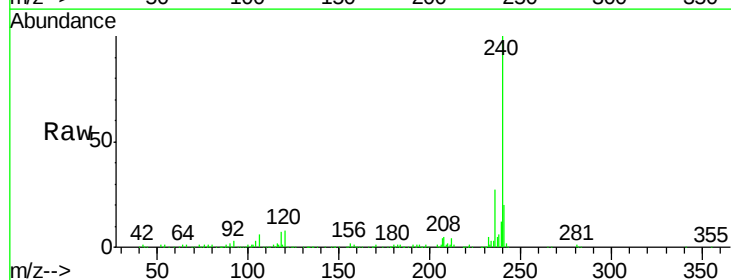


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

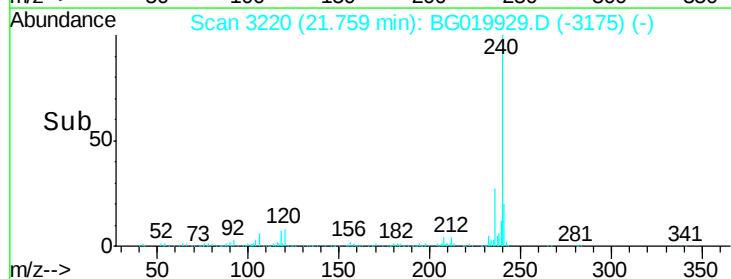
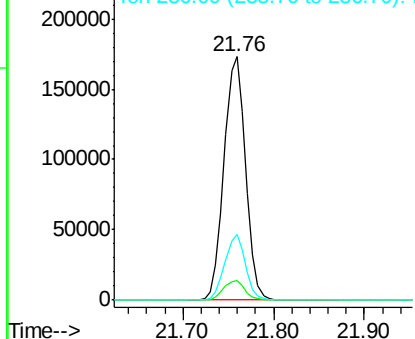


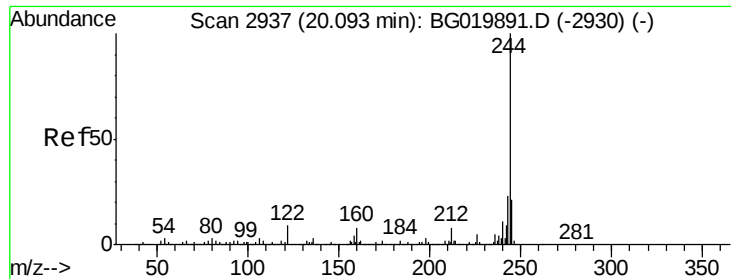
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.03 min
Lab File: BG019929.D
Acq: 5 Dec 2015 6:44

Tgt Ion:240 Resp: 285199
Ion Ratio Lower Upper
240 100
120 8.1 7.4 11.0
236 27.2 20.7 31.1



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

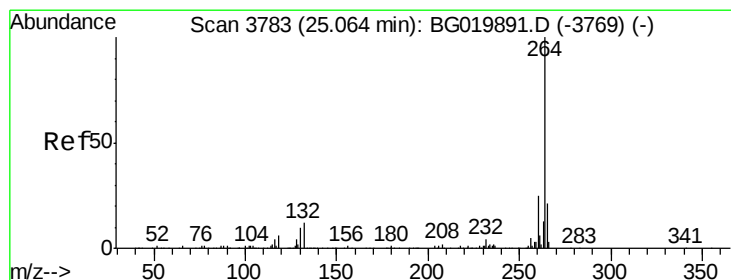
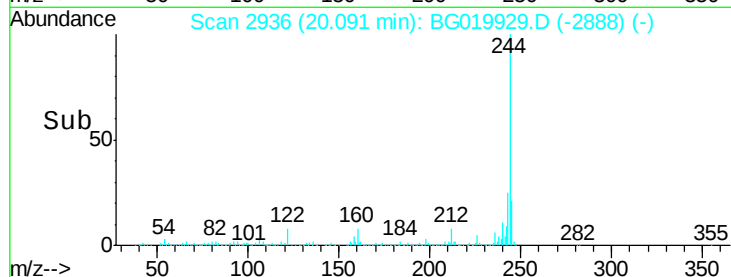
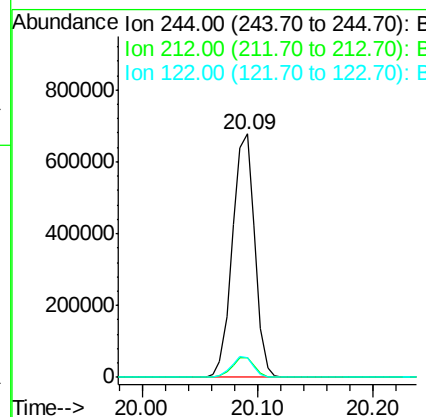
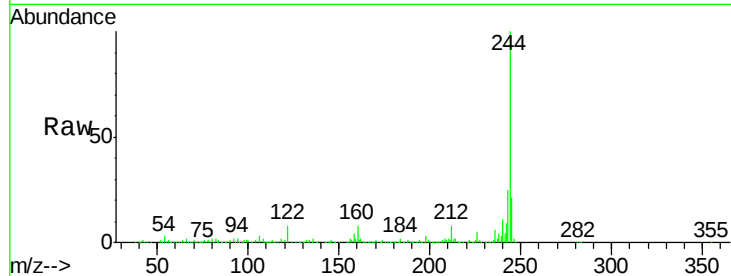




#78
 Terphenyl-d14
 Concen: 77.18 ng
 RT: 20.09 min Scan# 2936
 Delta R.T. -0.02 min
 Lab File: BG019929.D
 Acq: 5 Dec 2015 6:44

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BL

Tot Ion:244 Resp: 902382
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.9 10.3
 122 8.2 10.2 15.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.04 min Scan# 3778
 Delta R.T. -0.06 min
 Lab File: BG019929.D
 Acq: 5 Dec 2015 6:44

Tgt Ion:264 Resp: 265251
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.5 27.7
 265 21.3 17.2 25.8

