

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111317\
 Data File : BG030996.D
 Acq On : 14 Nov 2017 5:58
 Operator : SJ/JU
 Sample : PB104197BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 14 07:34:39 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	43870	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	177704	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	119683	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	346639	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	458403	20.00	ng	-0.01
86) Perylene-d12	25.08	264	454757	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	261475	102.20	ng	0.00
7) Phenol-d6	7.31	99	325782	94.52	ng	0.00
23) Nitrobenzene-d5	9.31	82	192191	64.09	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	234272	121.00	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	589020	70.72	ng	-0.02
78) Terphenyl-d14	20.09	244	1347476	64.91	ng	0.00

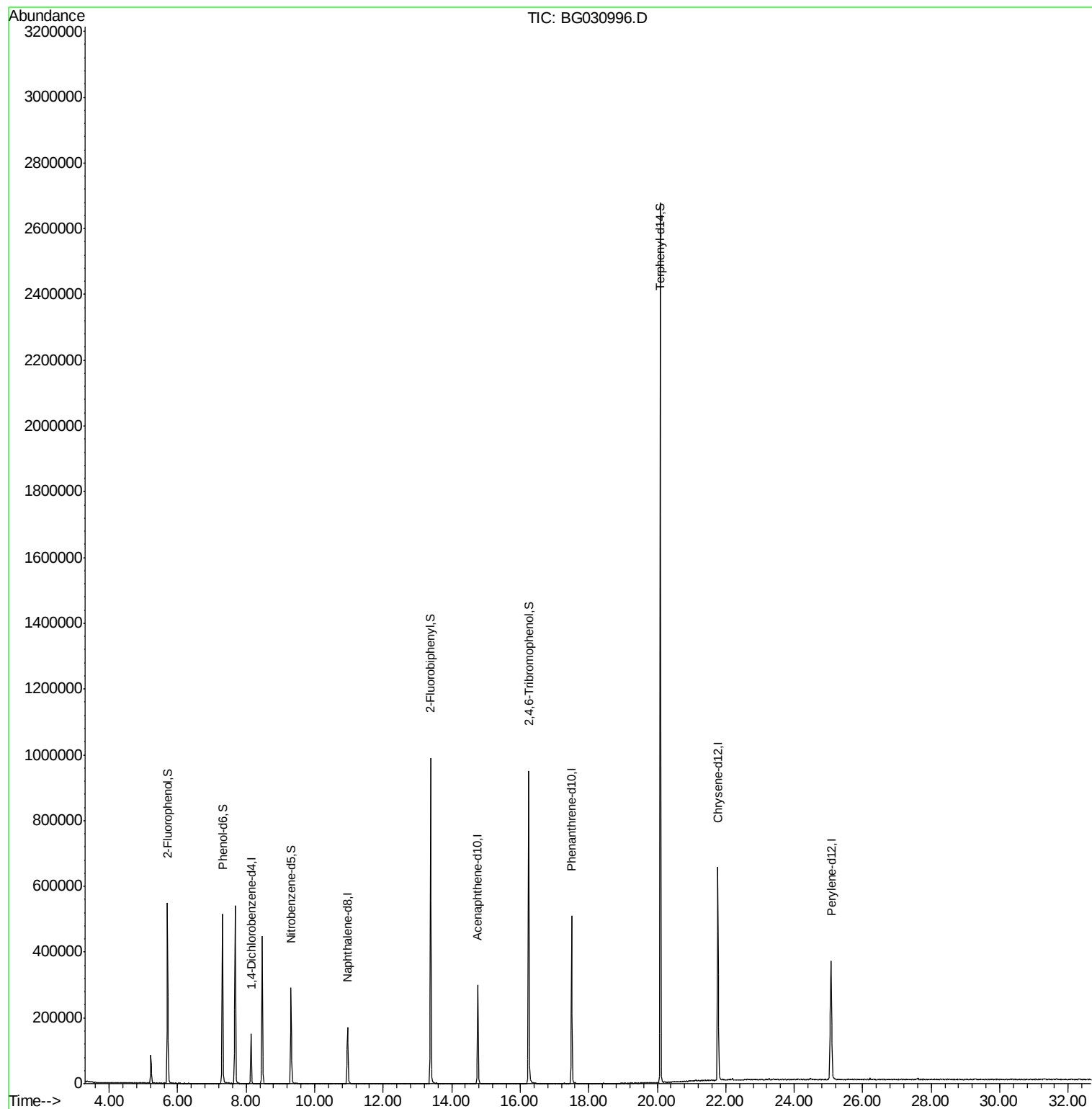
Target Compounds Qvalue

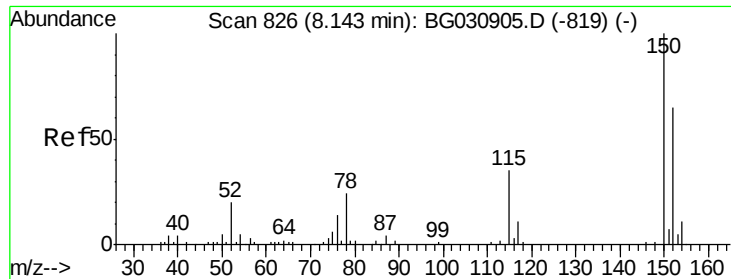
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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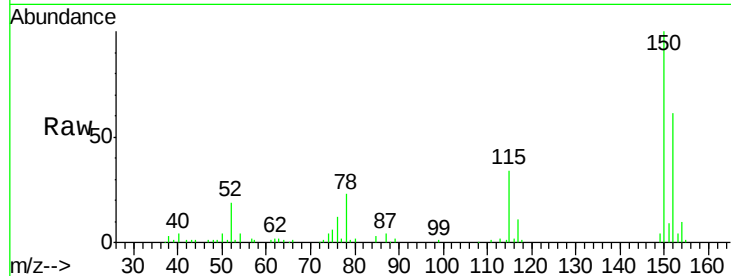


#1

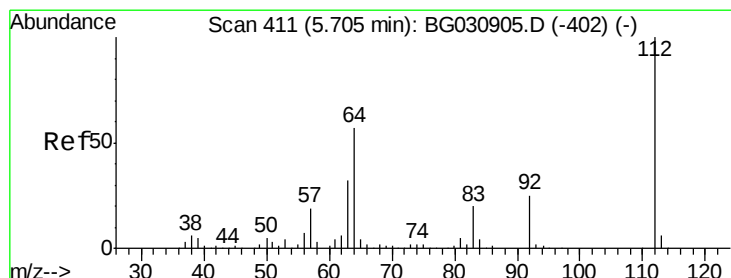
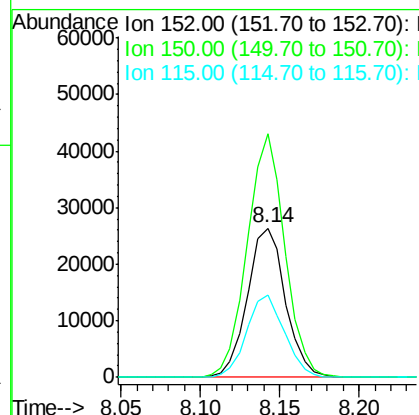
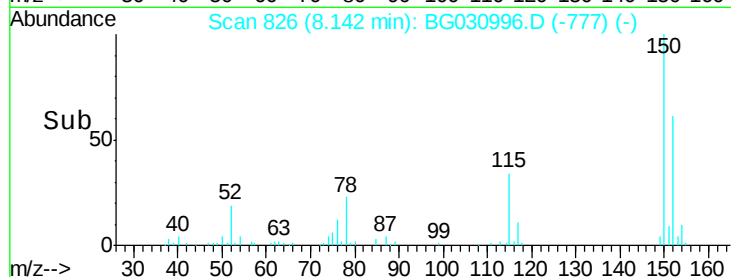
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030996.D
Acq: 14 Nov 2017 5:58

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.2	126.6	189.8
115	55.3	53.0	79.4



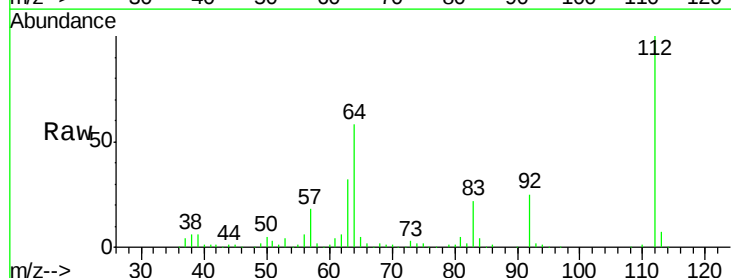
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



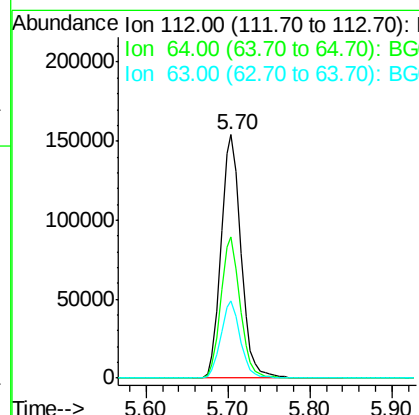
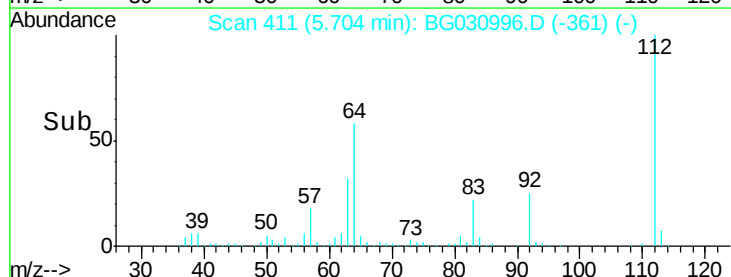
#5

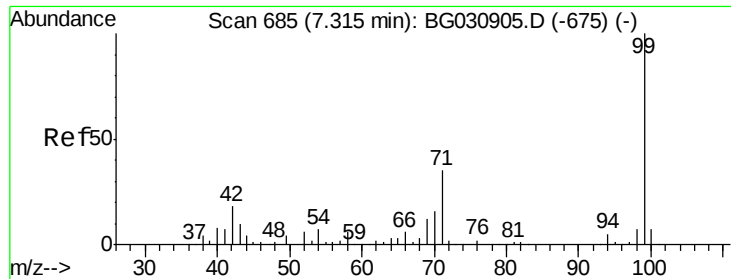
2-Fluorophenol
Concen: 102.20 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG030996.D
Acq: 14 Nov 2017 5:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	56.3	84.5
63	31.7	30.1	45.1



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: 94.52 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030996.D

Acq: 14 Nov 2017 5:58

Instrument :

BNA_G

ClientSampled :

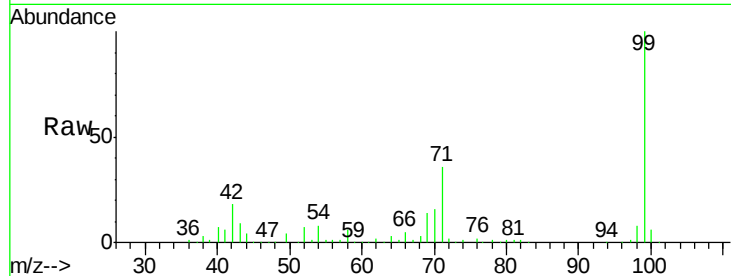
Tot Ion: 99 Resp: 325782

Ion Ratio Lower Upper

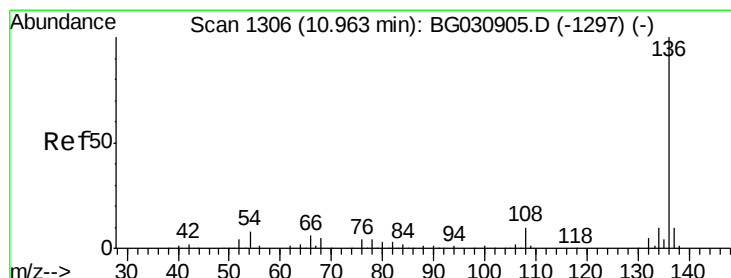
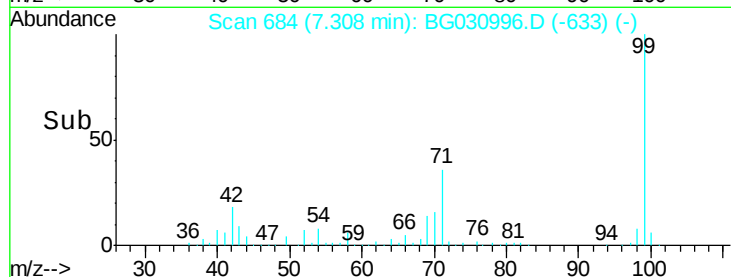
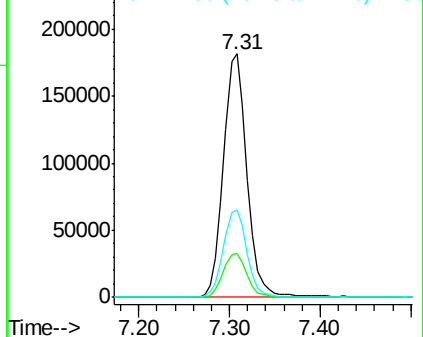
99 100

42 18.2 14.1 21.1

71 35.8 26.1 39.1



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: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG030996.D

Acq: 14 Nov 2017 5:58

Tgt Ion: 136 Resp: 177704

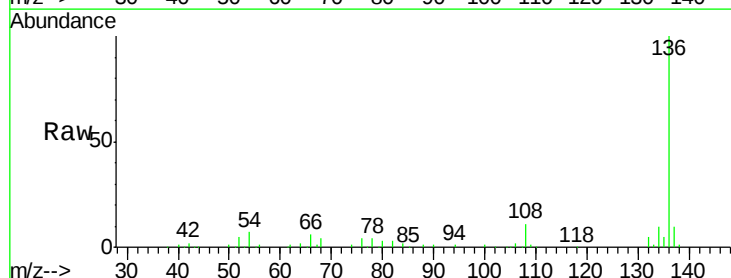
Ion Ratio Lower Upper

136 100

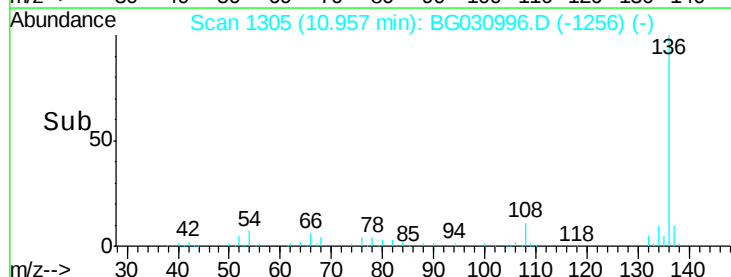
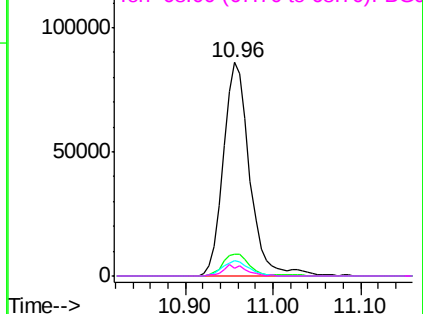
137 10.4 9.2 13.8

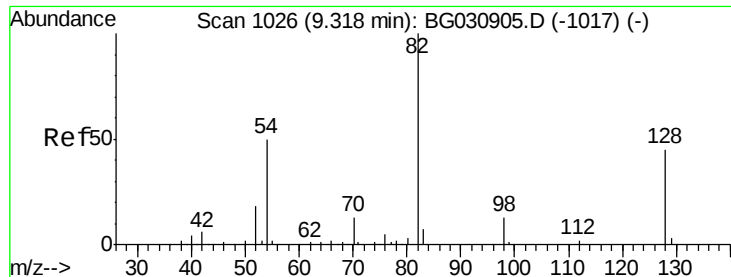
54 7.4 10.3 15.5#

68 3.9 4.5 6.7#



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

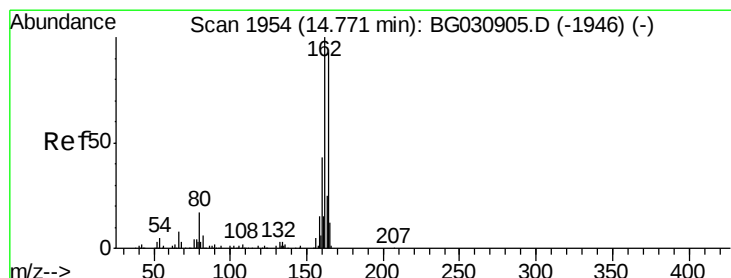
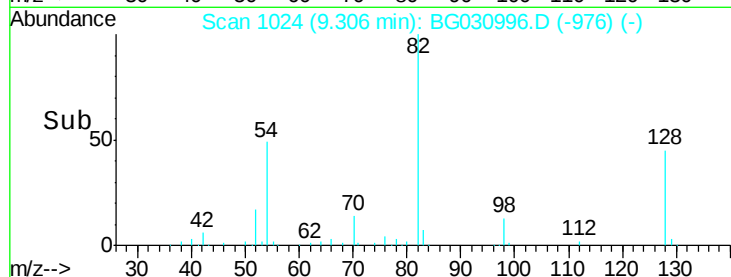
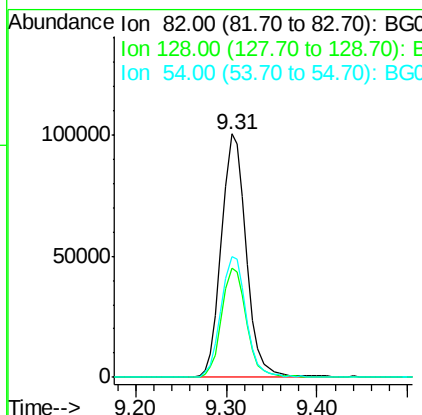
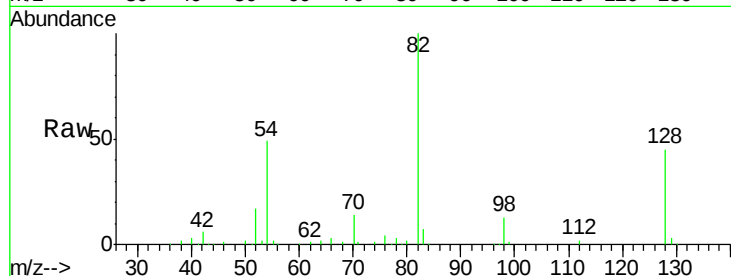




#23
 Nitrobenzene-d5
 Concen: 64.09 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG030996.D
 Acq: 14 Nov 2017 5:58

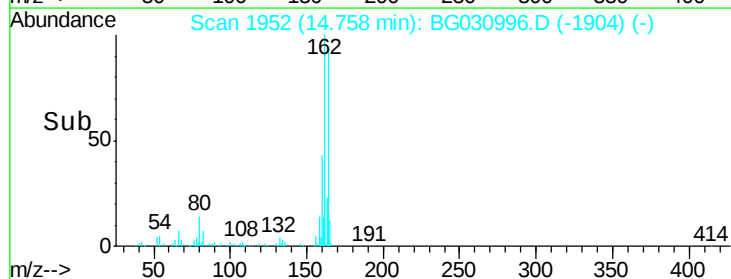
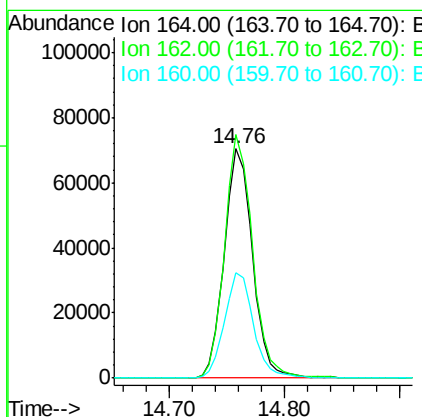
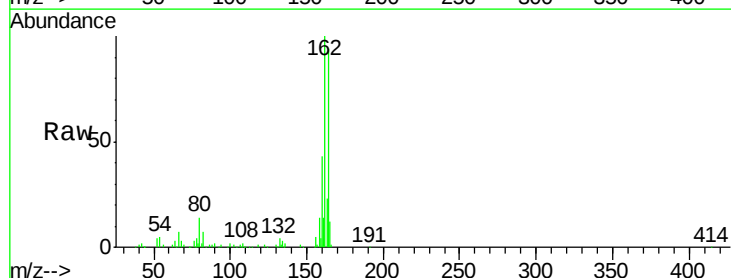
Instrument :
 BNA_G
 ClientSampleId :

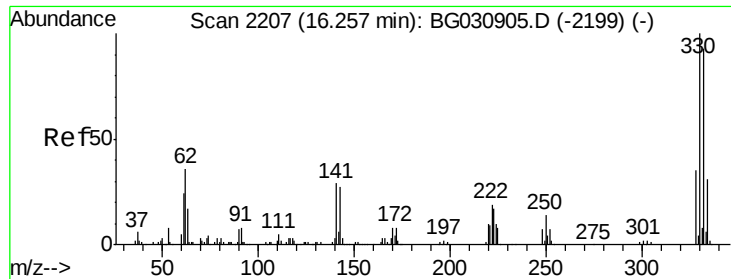
Tot Ion	82	Resp	192191
Ion Ratio	100		
Lower	29.7		
Upper	44.5		
128	44.8		
54	49.5		



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG030996.D
 Acq: 14 Nov 2017 5:58

Tgt Ion	164	Resp	119683
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>78.8</td> <td></td> <td></td>	78.8		
Upper <td>118.2</td> <td></td> <td></td>	118.2		
162	106.2		
160	45.9		

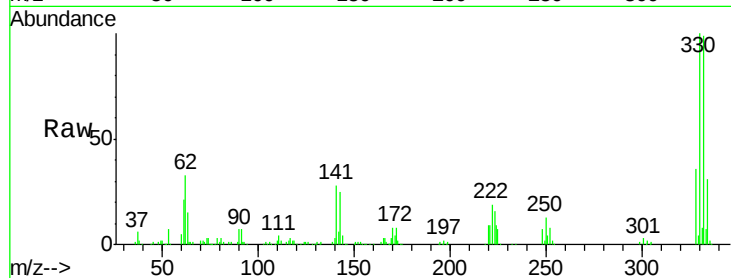




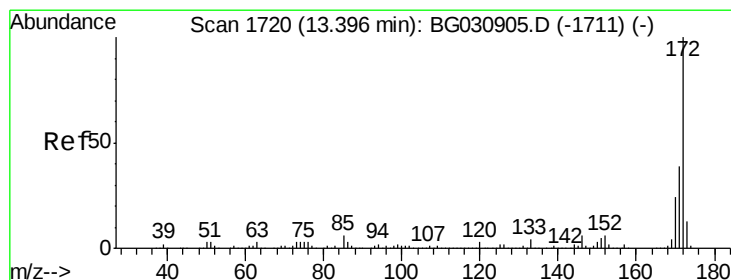
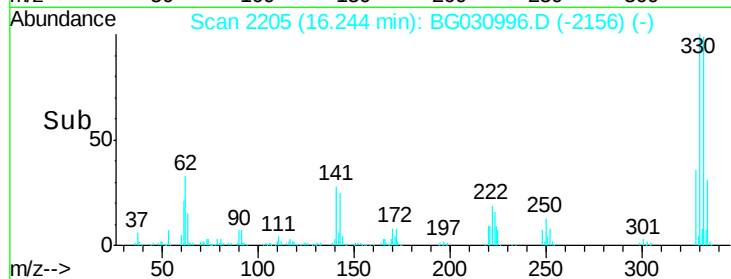
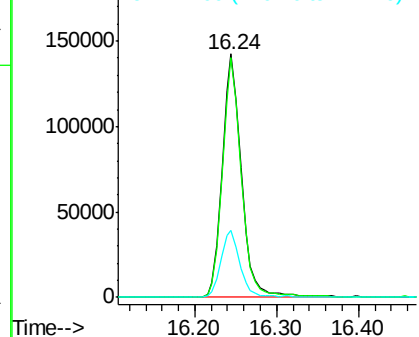
#41
 2,4,6-Tribromophenol
 Concen: 121.00 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG030996.D
 Acq: 14 Nov 2017 5:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	27.4	25.2	37.8

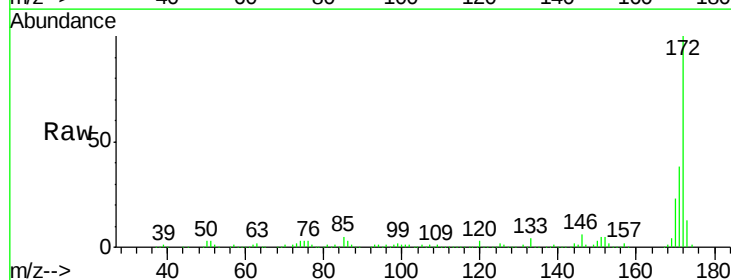


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

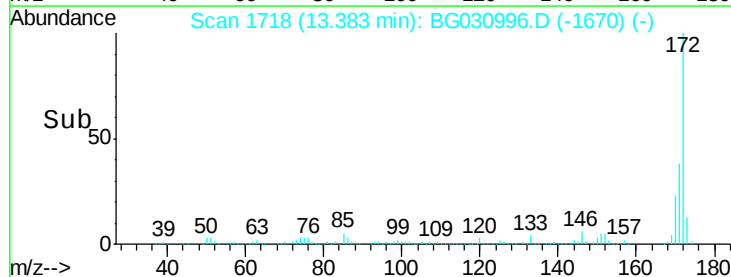
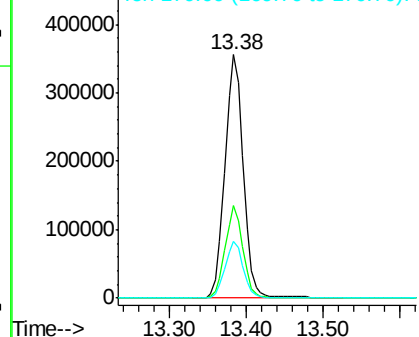


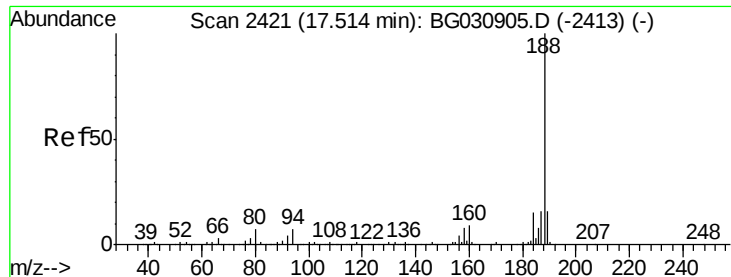
#44
 2-Fluorobiphenyl
 Concen: 70.72 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG030996.D
 Acq: 14 Nov 2017 5:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	23.3	19.5	29.3



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: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG030996.D

Acq: 14 Nov 2017 5:58

Instrument :

BNA_G

ClientSampleId :

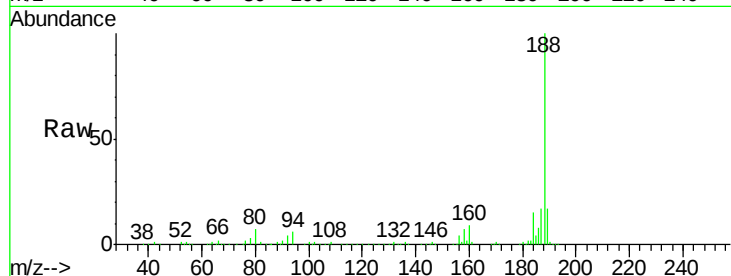
Tot Ion:188 Resp: 346639

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

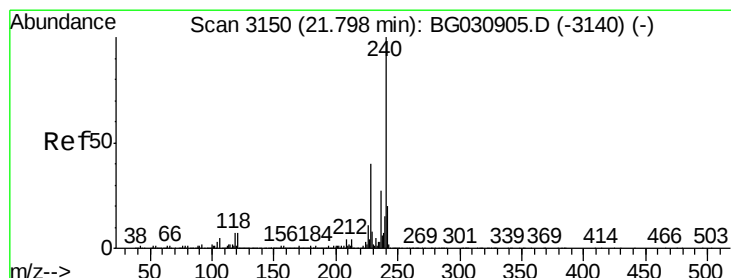
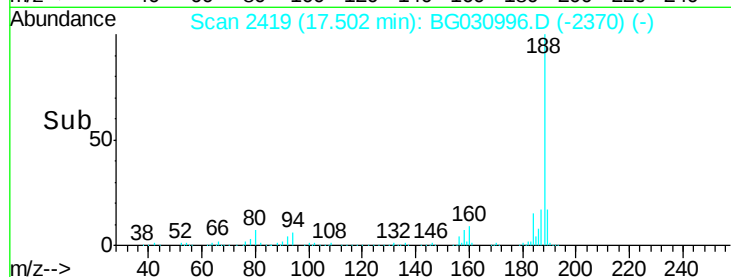
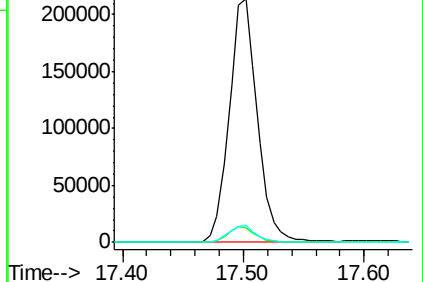
80 7.0 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG030996.D

Acq: 14 Nov 2017 5:58

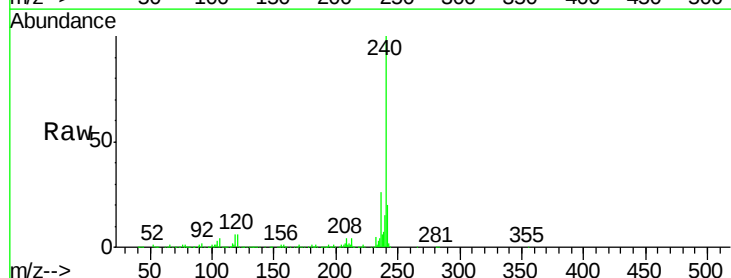
Tgt Ion:240 Resp: 458403

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

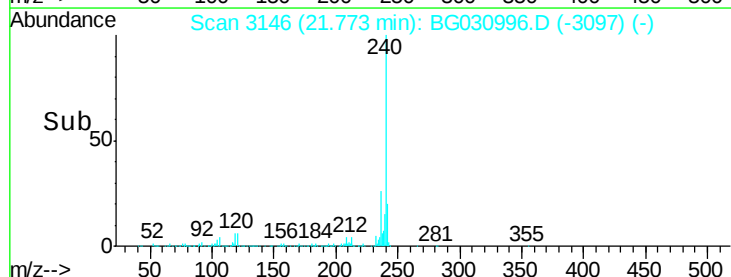
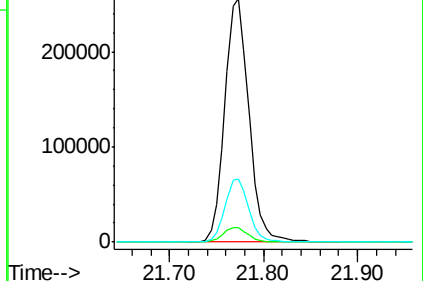
236 26.1 20.9 31.3

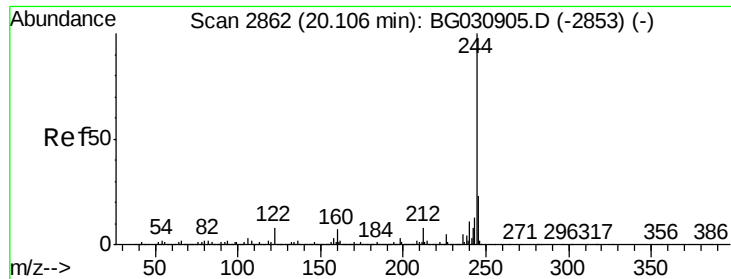


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 64.91 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG030996.D

Acq: 14 Nov 2017 5:58

Instrument :

BNA_G

ClientSampleId :

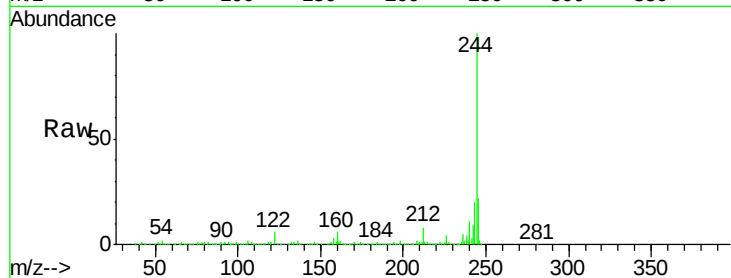
Tot Ion:244 Resp: 1347476

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

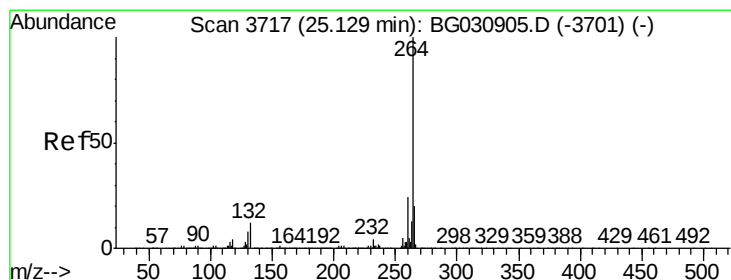
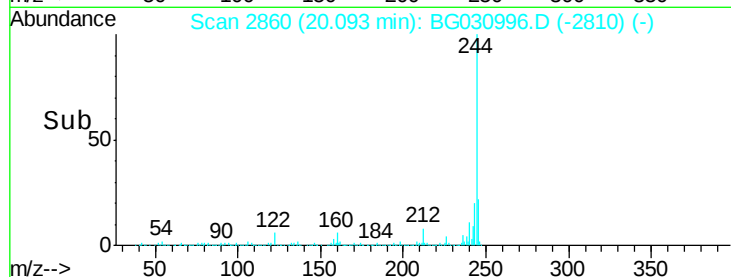
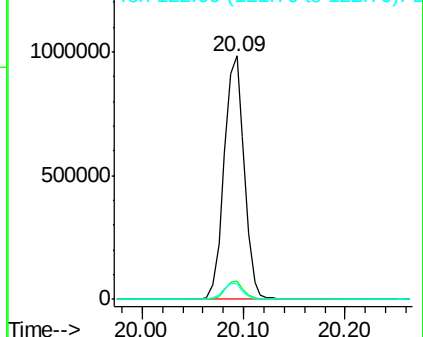
122 6.5 7.0 10.4#



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: 25.08 min Scan# 3708

Delta R.T. -0.02 min

Lab File: BG030996.D

Acq: 14 Nov 2017 5:58

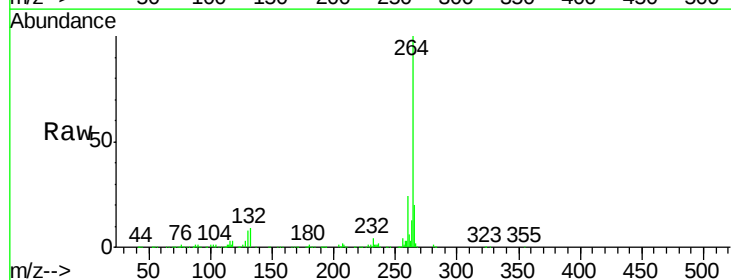
Tgt Ion:264 Resp: 454757

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 20.5 17.7 26.5



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

