

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111317\
 Data File : BG030997.D
 Acq On : 14 Nov 2017 6:36
 Operator : SJ/JU
 Sample : I6311-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 14 07:35:03 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

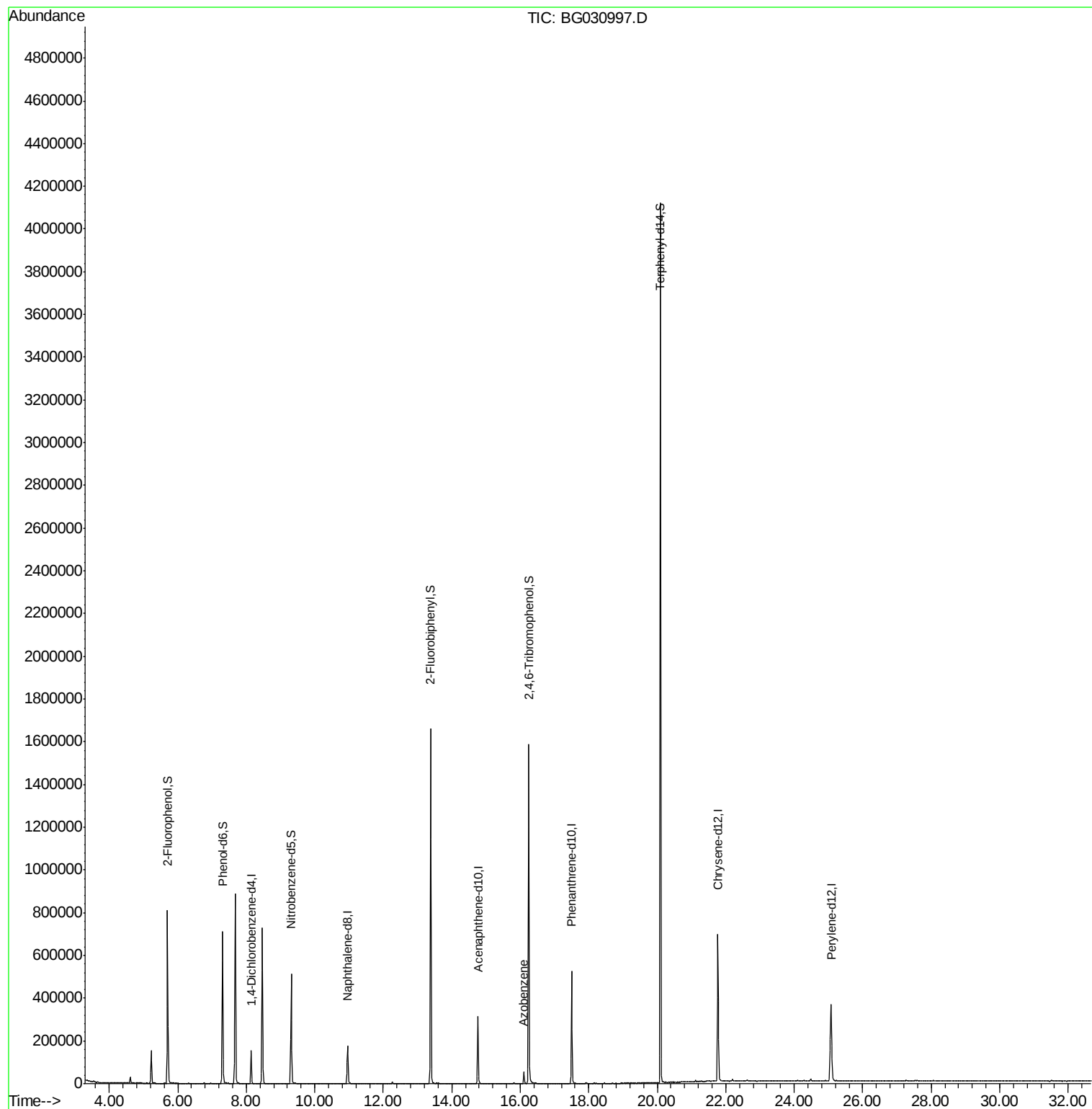
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	46242	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	183384	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	122429	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	342352	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	461564	20.00	ng	-0.01
86) Perylene-d12	25.07	264	454764	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	379654	140.78	ng	0.00
7) Phenol-d6	7.31	99	424830	116.93	ng	0.00
23) Nitrobenzene-d5	9.31	82	328388	106.11	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	376465	190.09	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	955227	112.11	ng	-0.02
78) Terphenyl-d14	20.09	244	2040808	97.63	ng	0.00
Target Compounds						
62) Azobenzene	16.11	77	16483	2.01	ng	Qvalue # 1

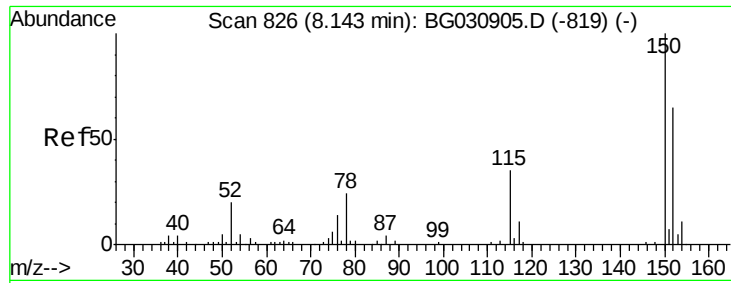
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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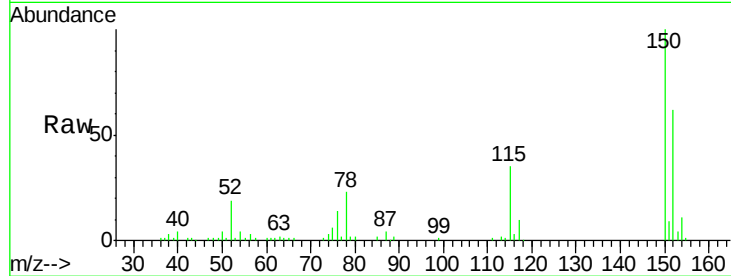


#1

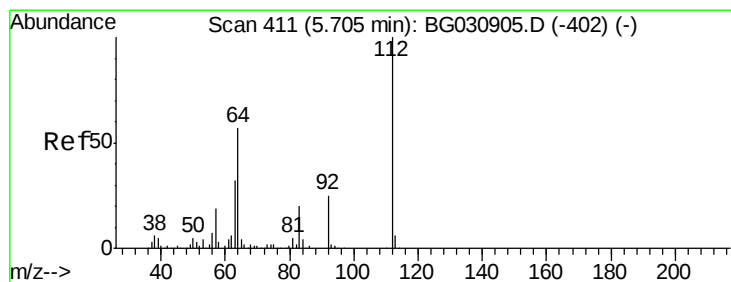
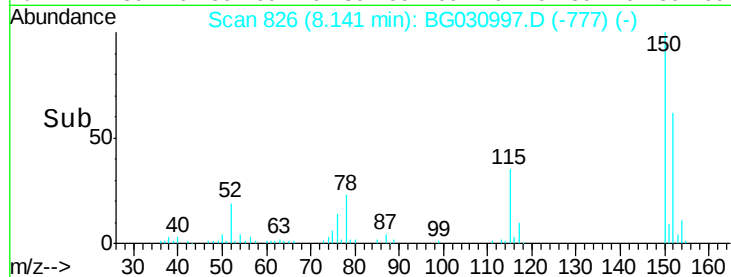
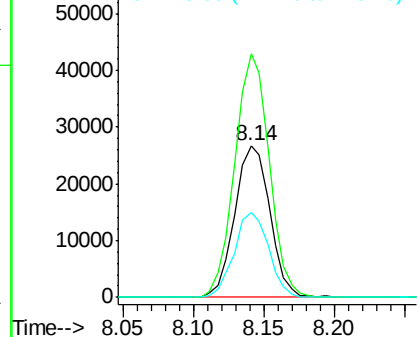
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030997.D
Acq: 14 Nov 2017 6:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 46242
Ion Ratio Lower Upper
152 100
150 160.7 126.6 189.8
115 55.9 53.0 79.4



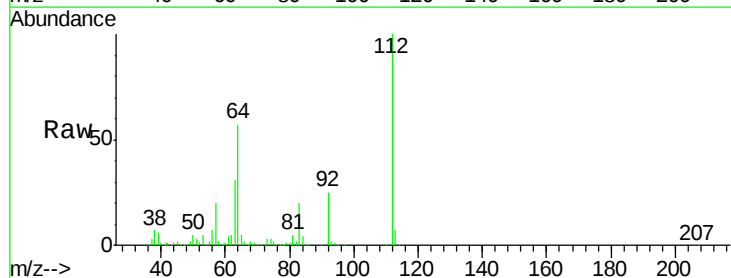
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



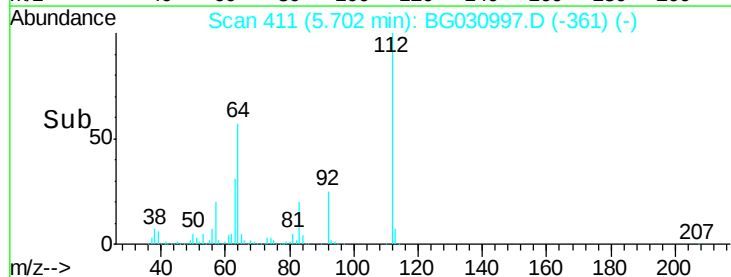
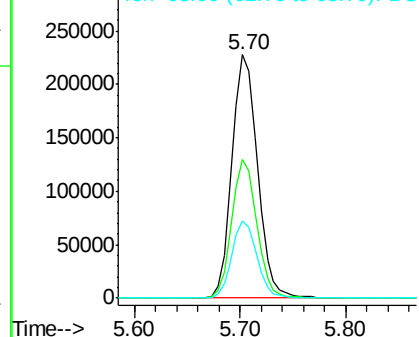
#5

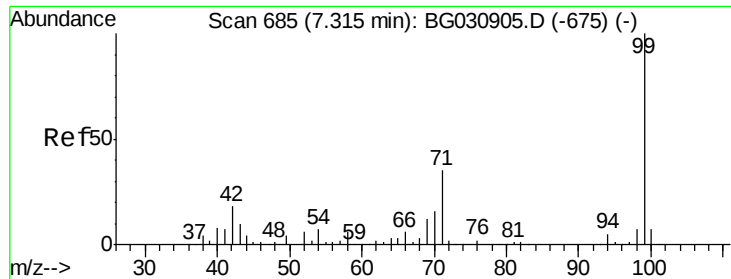
2-Fluorophenol
Concen: 140.78 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.01 min
Lab File: BG030997.D
Acq: 14 Nov 2017 6:36

Tgt Ion:112 Resp: 379654
Ion Ratio Lower Upper
112 100
64 57.0 56.3 84.5
63 31.5 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: 116.93 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG030997.D

Acq: 14 Nov 2017 6:36

Instrument :

BNA_G

ClientSampleId :

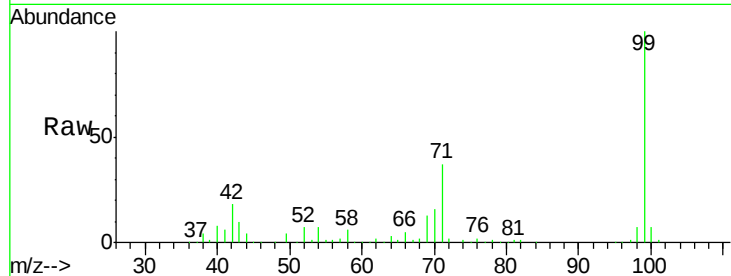
Tot Ion: 99 Resp: 424830

Ion Ratio Lower Upper

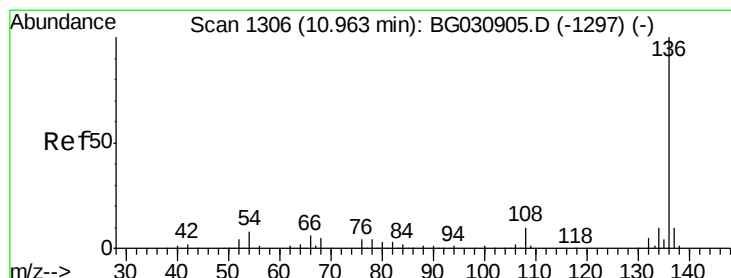
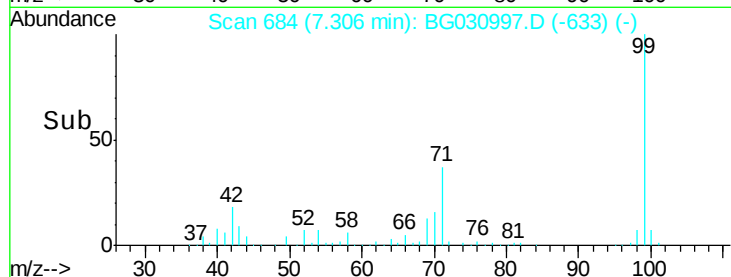
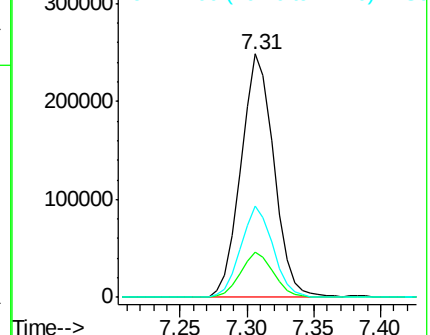
99 100

42 18.5 14.1 21.1

71 37.4 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: BG030997.D

Acq: 14 Nov 2017 6:36

Tgt Ion: 136 Resp: 183384

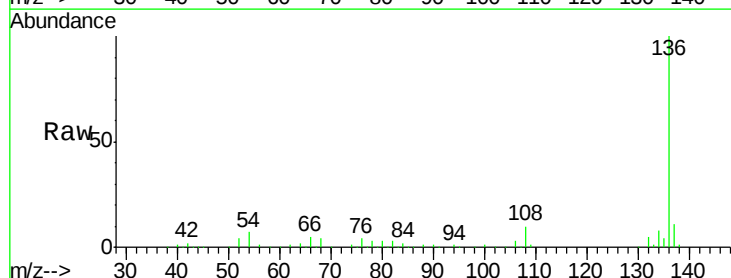
Ion Ratio Lower Upper

136 100

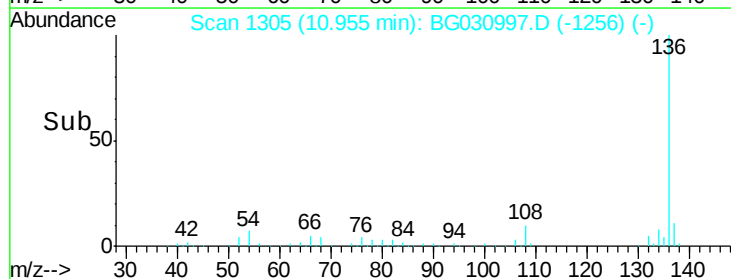
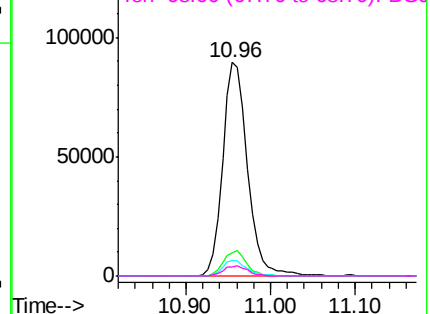
137 10.6 9.2 13.8

54 7.2 10.3 15.5#

68 4.3 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

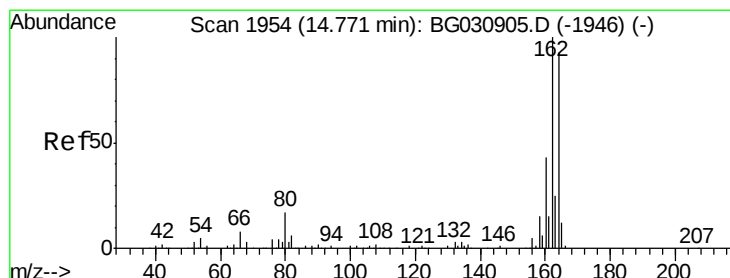
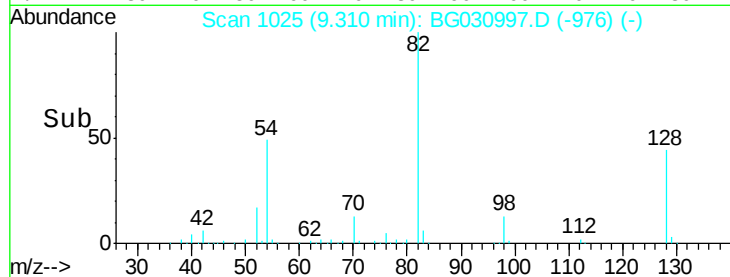
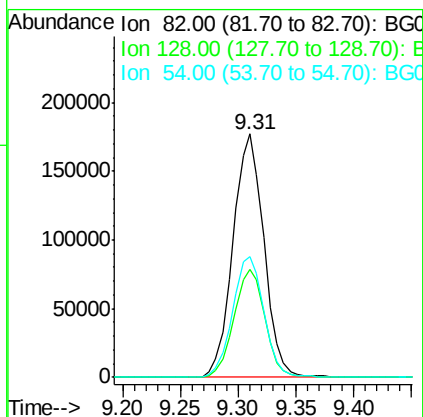
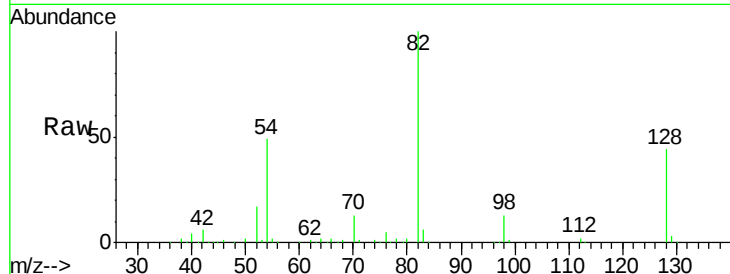




#23
 Nitrobenzene-d5
 Concen: 106.11 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG030997.D
 Acq: 14 Nov 2017 6:36

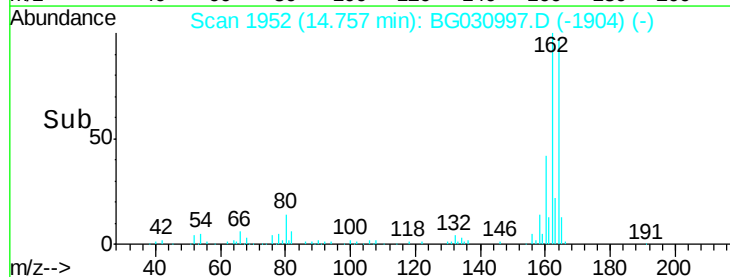
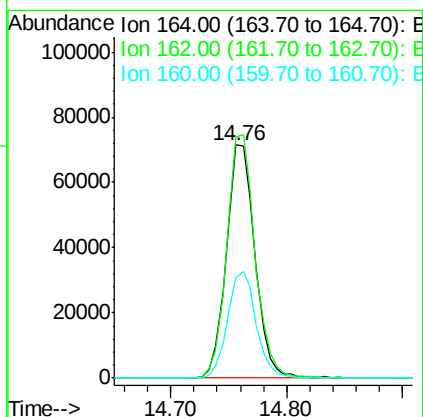
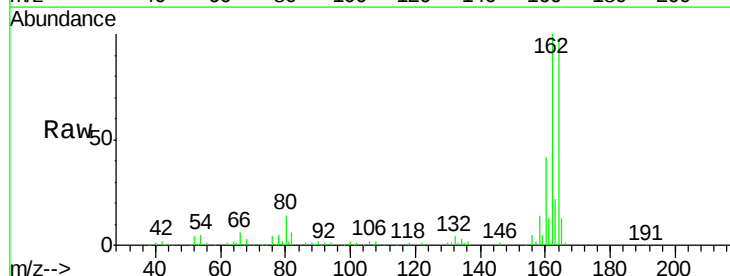
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	328388
Ion Ratio	100	Lower	Upper
128	44.4	29.7	44.5
54	49.5	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG030997.D
 Acq: 14 Nov 2017 6:36

Tgt Ion	164	Resp	122429
Ion Ratio	100	Lower	Upper
162	103.4	78.8	118.2
160	43.2	35.4	53.0

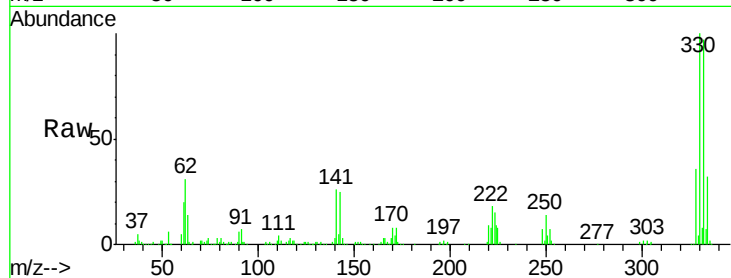




#41
 2,4,6-Tribromophenol
 Concen: 190.09 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG030997.D
 Acq: 14 Nov 2017 6:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	27.4	25.2	37.8

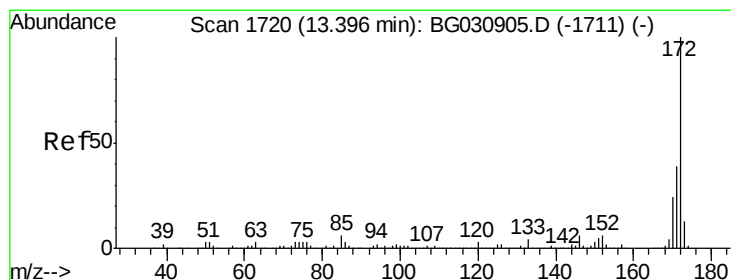
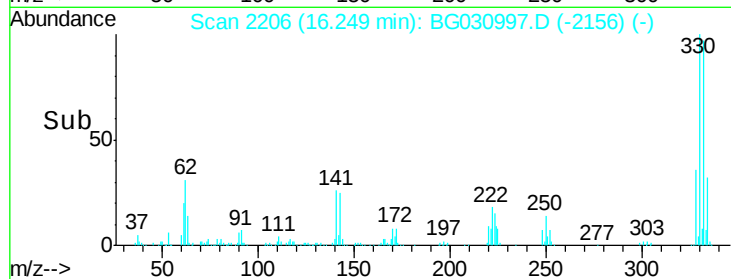
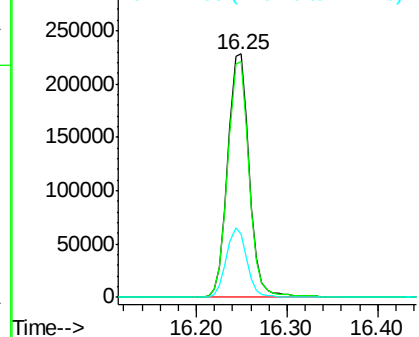


Abundance

Ion 329.80 (329.50 to 330.50): E

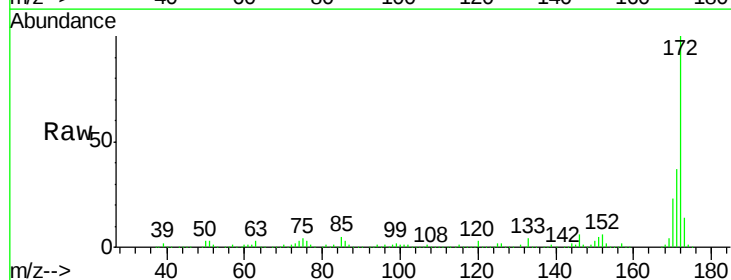
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 112.11 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG030997.D
 Acq: 14 Nov 2017 6:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	23.3	19.5	29.3

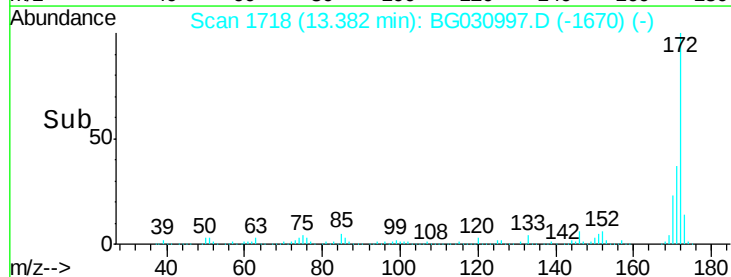
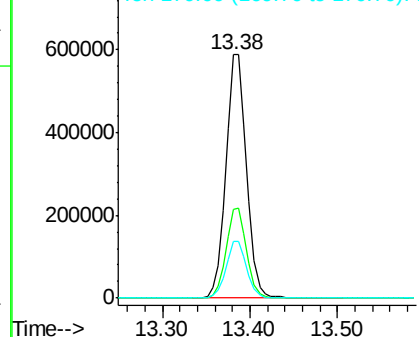


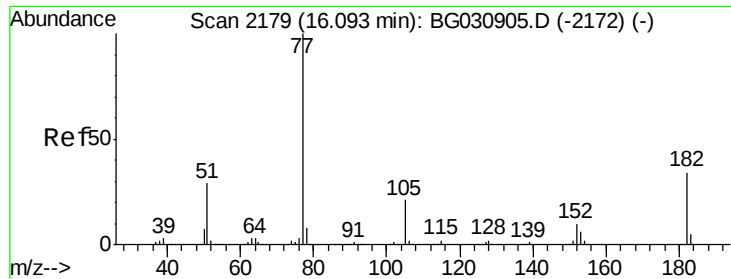
Abundance

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





#62

Azobenzene

Concen: 2.01 ng

RT: 16.11 min Scan# 2182

Delta R.T. 0.01 min

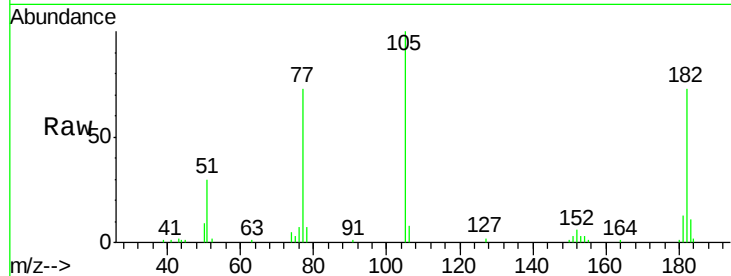
Lab File: BG030997.D

Acq: 14 Nov 2017 6:36

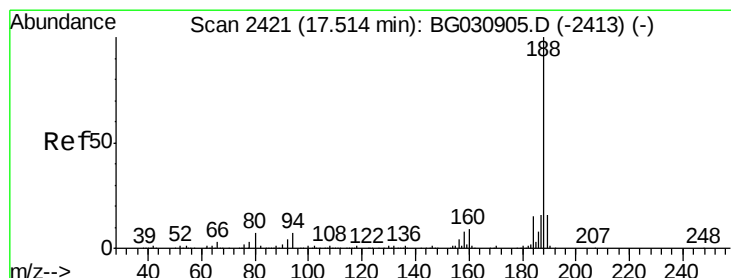
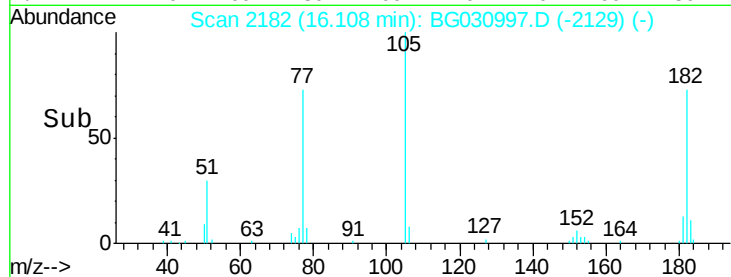
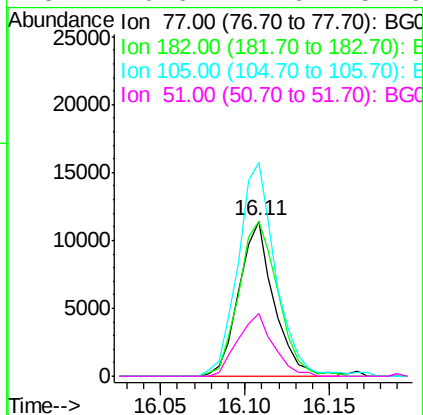
Instrument :

BNA_G

ClientSampleId :



Tot Ion:	77	Resp:	16483
Ion	Ratio	Lower	Upper
77	100		
182	100.2	7.4	47.4#
105	137.6	0.3	40.3#
51	40.6	11.6	51.6



#63

Phenanthrene-d10

Concen: 20.00 ng

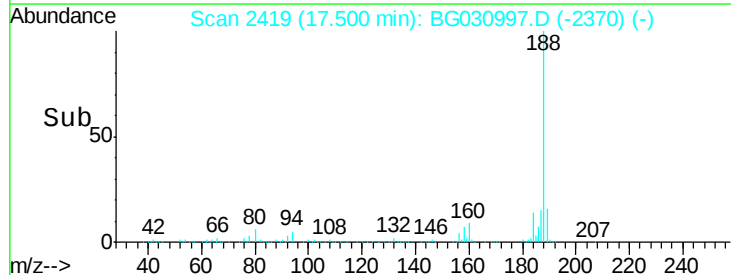
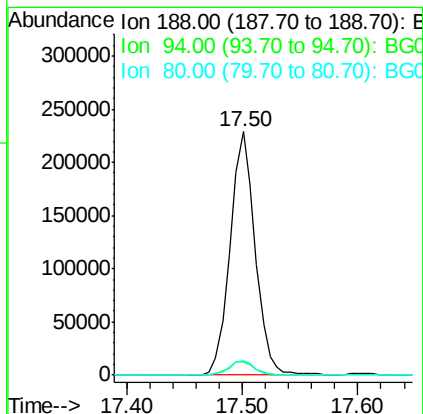
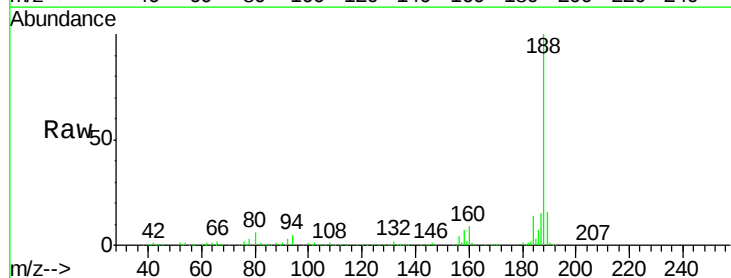
RT: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG030997.D

Acq: 14 Nov 2017 6:36

Tgt Ion:	188	Resp:	342352
Ion	Ratio	Lower	Upper
188	100		
94	5.5	6.9	10.3#
80	6.2	7.7	11.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG030997.D

Acq: 14 Nov 2017 6:36

Instrument :

BNA_G

ClientSampleId :

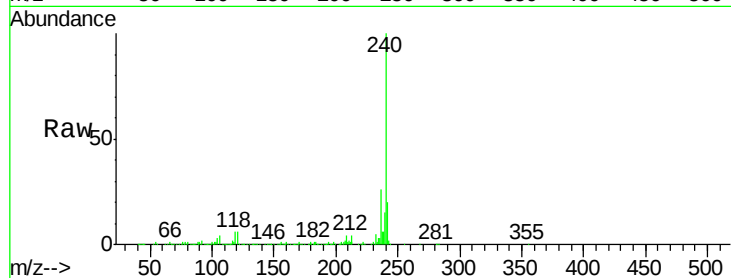
Tot Ion:240 Resp: 461564

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

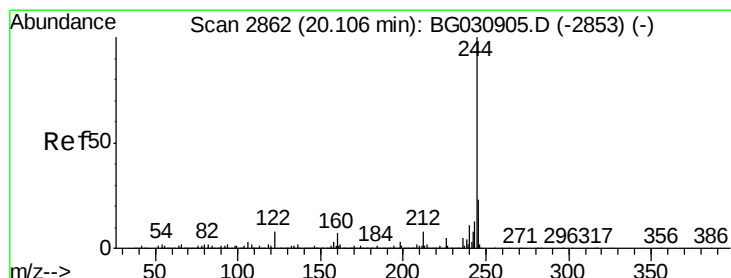
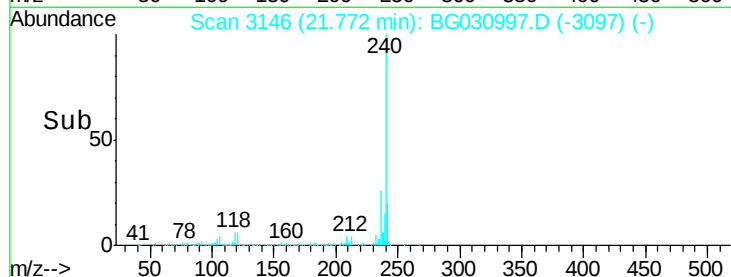
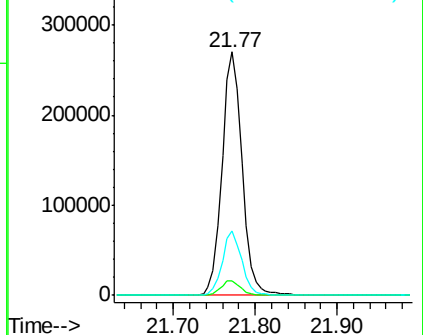
236 26.3 20.9 31.3



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: 97.63 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG030997.D

Acq: 14 Nov 2017 6:36

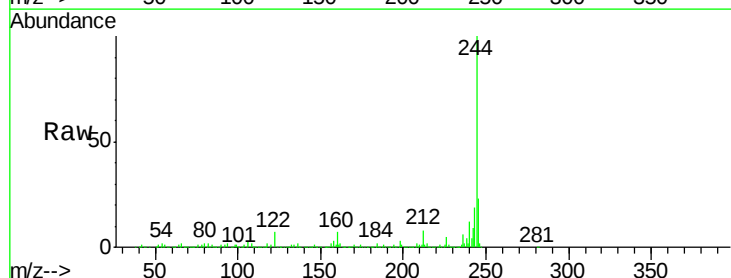
Tgt Ion:244 Resp: 2040808

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

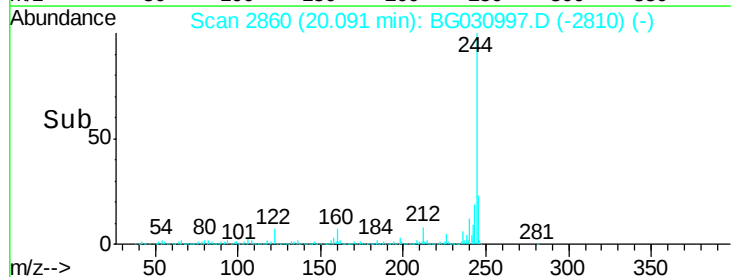
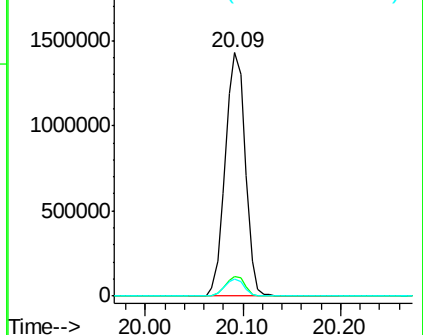
122 7.2 7.0 10.4

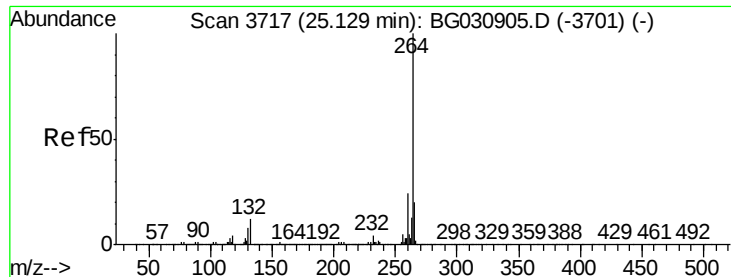


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.07 min Scan# 3708
Delta R.T. -0.02 min
Lab File: BG030997.D
Acq: 14 Nov 2017 6:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.4	17.7	26.5

