

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
 Data File : BG030966.D
 Acq On : 12 Nov 2017 5:36
 Operator : SJ/JU
 Sample : I6301-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 13 03:27:26 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

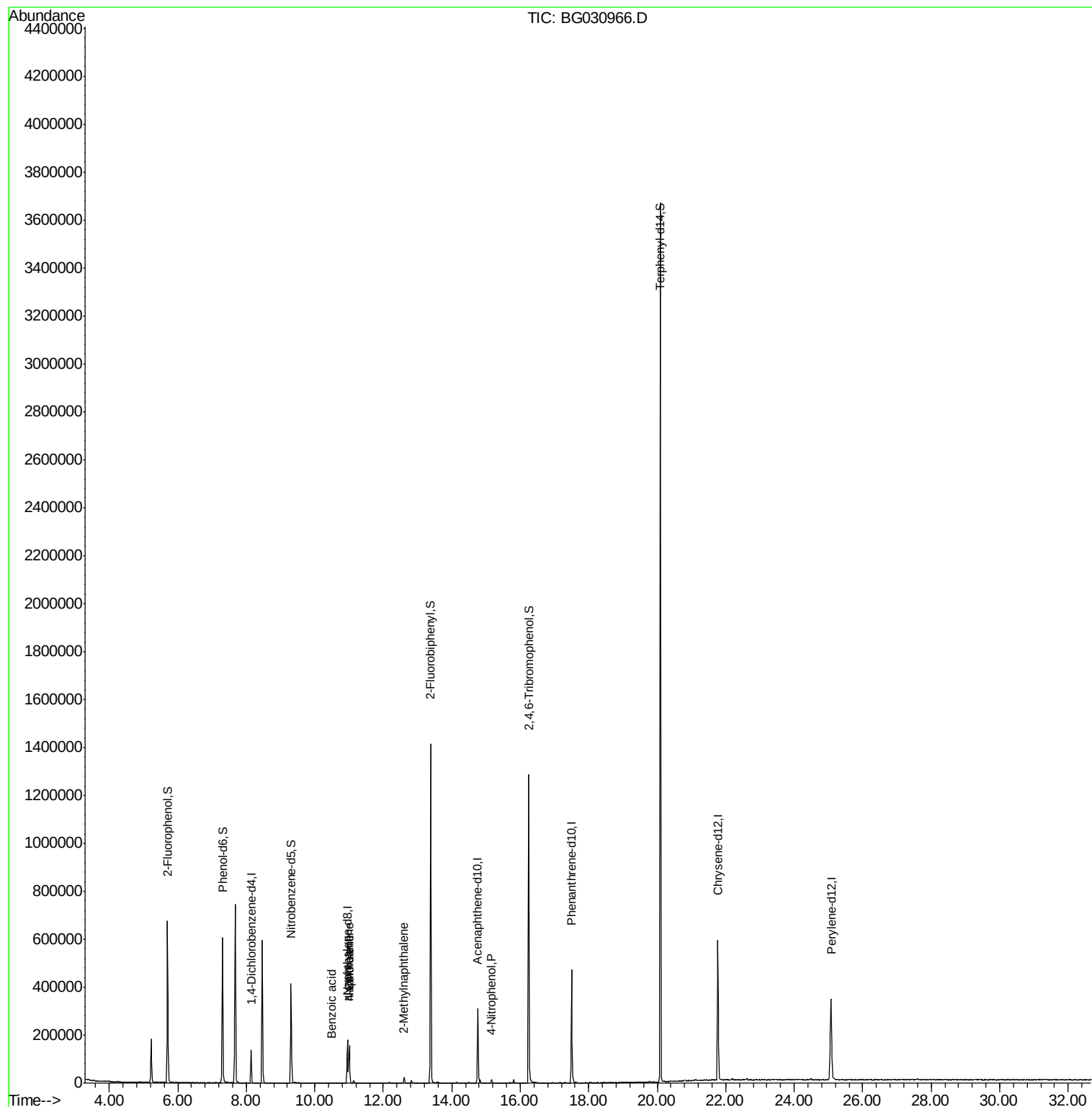
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	40888	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	170551	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	116114	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	319843	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	416309	20.00	ng	-0.01
86) Perylene-d12	25.08	264	408971	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	311881	130.80	ng	0.00
7) Phenol-d6	7.31	99	359882	112.03	ng	0.00
23) Nitrobenzene-d5	9.31	82	278179	96.65	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	304687	162.21	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	817995	101.23	ng	-0.02
78) Terphenyl-d14	20.09	244	1739036	92.24	ng	0.00
Target Compounds						
31) Naphthalene	11.01	128	146834	17.513	ng	Qvalue 97
32) Benzoic acid	10.50	122	61	5.690	ng	# 1
33) 4-Chloroaniline	11.01	127	19570	5.332	ng	# 28
37) 2-Methylnaphthalene	12.61	142	13635	2.107	ng	90
55) 4-Nitrophenol	15.16	139	4260	2.722	ng	# 1

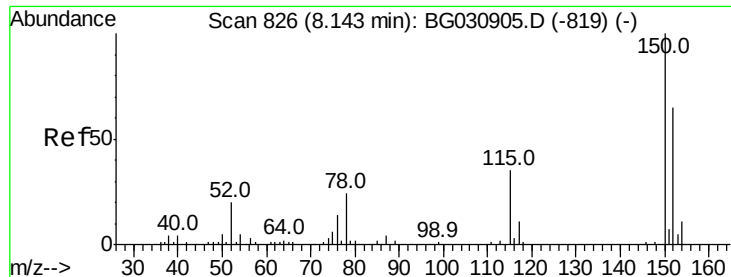
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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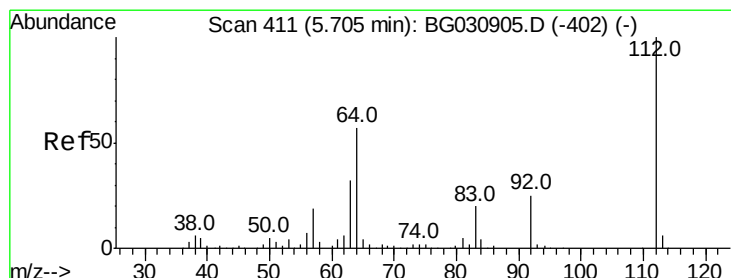
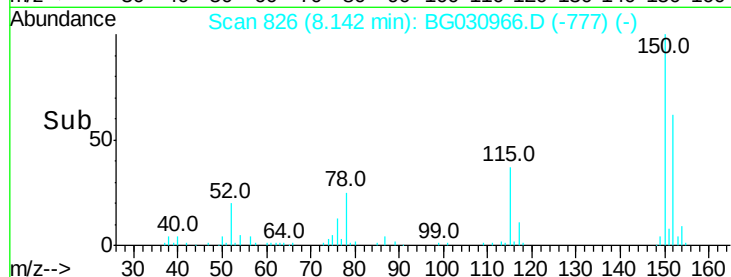
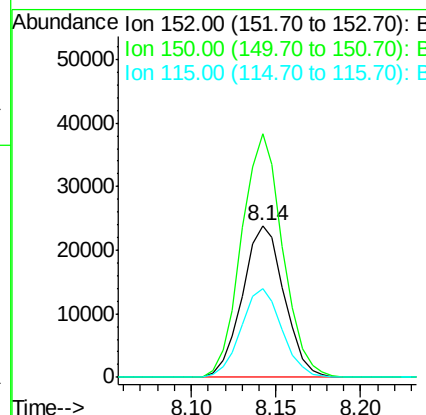
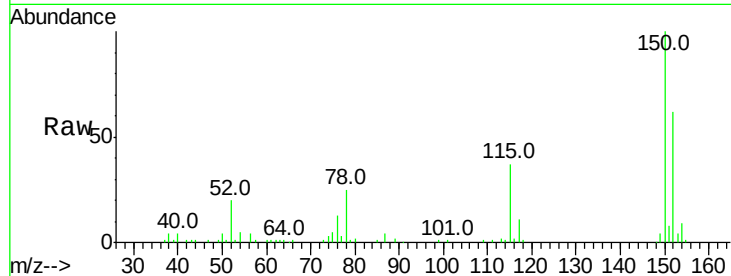


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG030966.D
 Acq: 12 Nov 2017 5:36

Instrument :
 BNA_G
 ClientSampleId :

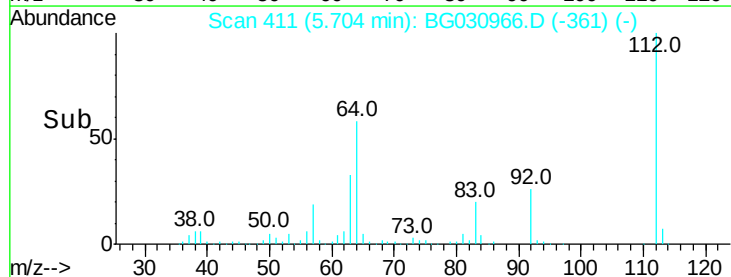
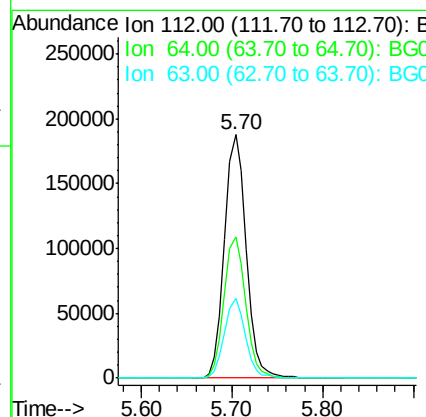
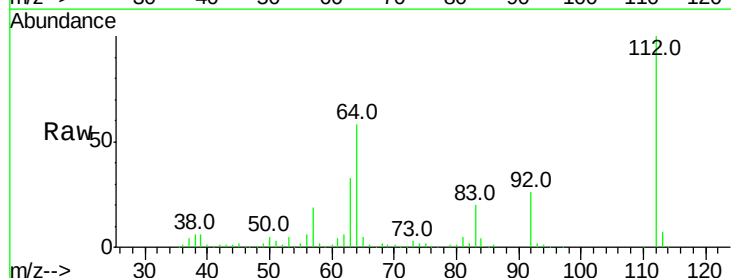
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	126.6	189.8
115	58.7	53.0	79.4

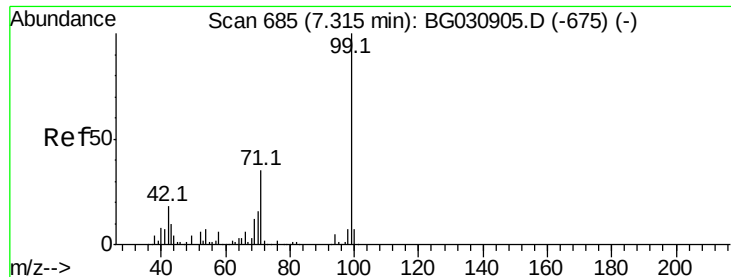


#5

2-Fluorophenol
 Concen: 130.797 ng
 RT: 5.70 min Scan# 411
 Delta R.T. -0.00 min
 Lab File: BG030966.D
 Acq: 12 Nov 2017 5:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	56.3	84.5
63	32.8	30.1	45.1





#7

Phenol-d6

Concen: 112.029 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030966.D

Acq: 12 Nov 2017 5:36

Instrument :

BNA_G

ClientSampleId :

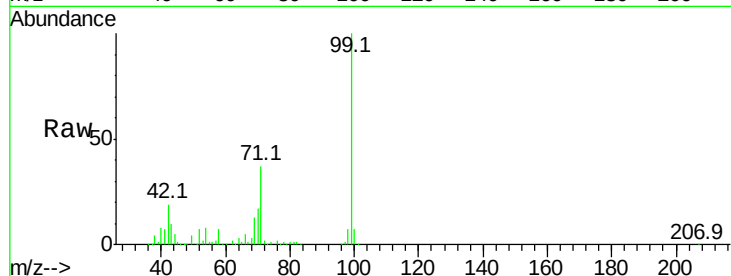
Tot Ion: 99 Resp: 359882

Ion Ratio Lower Upper

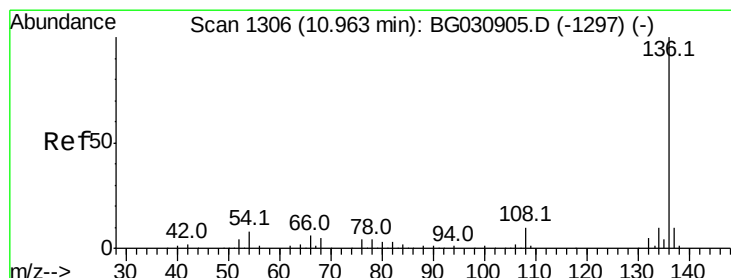
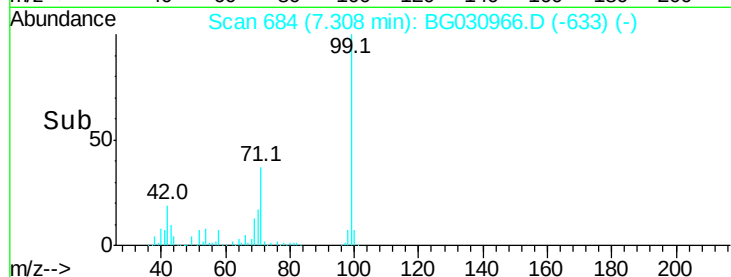
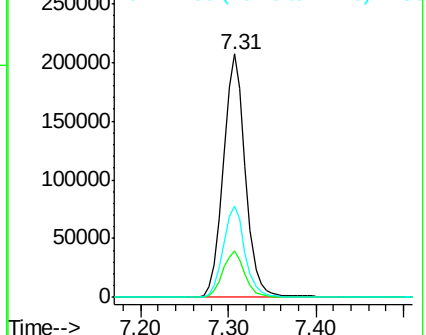
99 100

42 18.9 14.1 21.1

71 37.3 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: 20.000 ng

RT: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG030966.D

Acq: 12 Nov 2017 5:36

Tgt Ion: 136 Resp: 170551

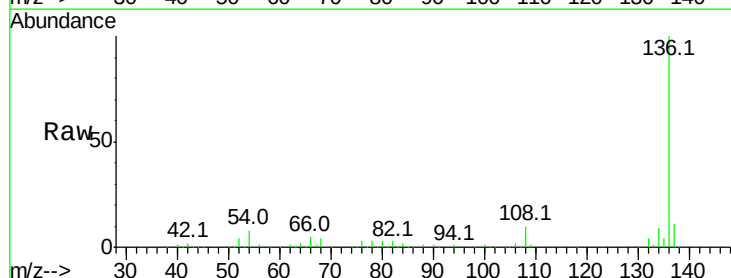
Ion Ratio Lower Upper

136 100

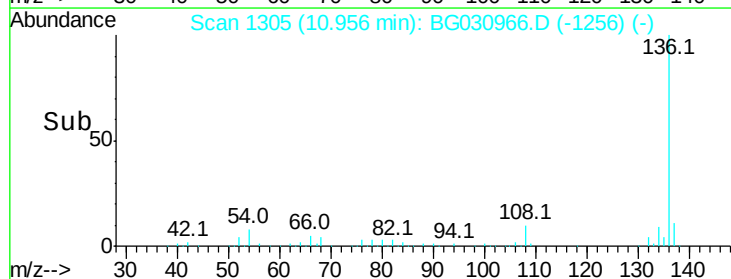
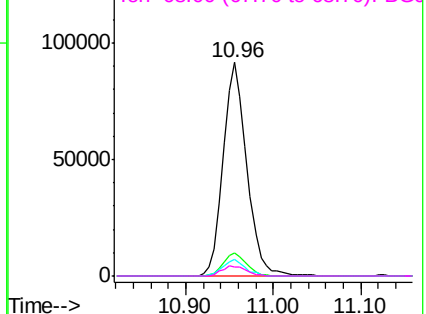
137 10.8 9.2 13.8

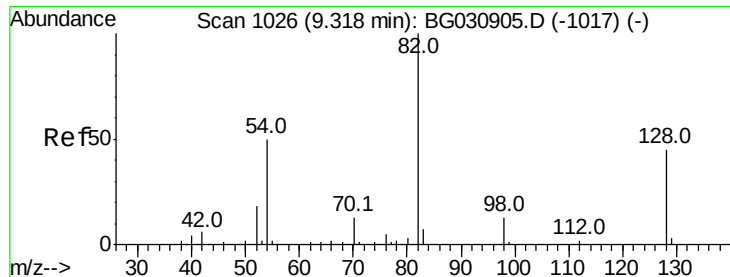
54 7.7 10.3 15.5#

68 4.5 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

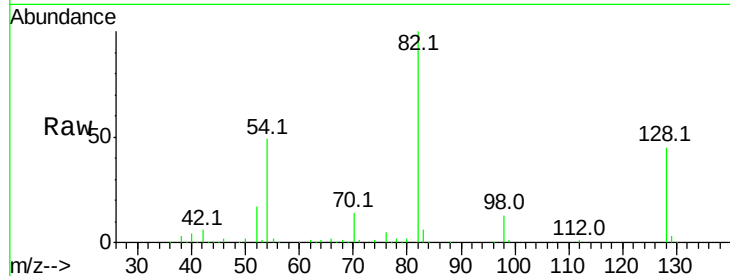




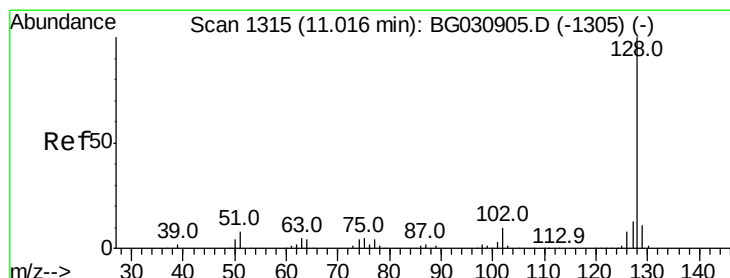
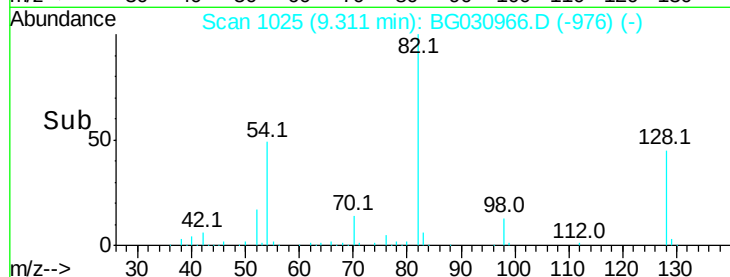
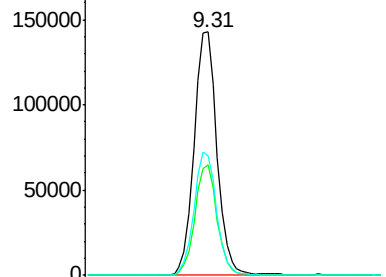
#23
 Nitrobenzene-d5
 Concen: 96.651 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG030966.D
 Acq: 12 Nov 2017 5:36

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 82 Resp: 278179
 Ion Ratio Lower Upper
 82 100
 128 45.2 29.7 44.5#
 54 49.1 43.1 64.7

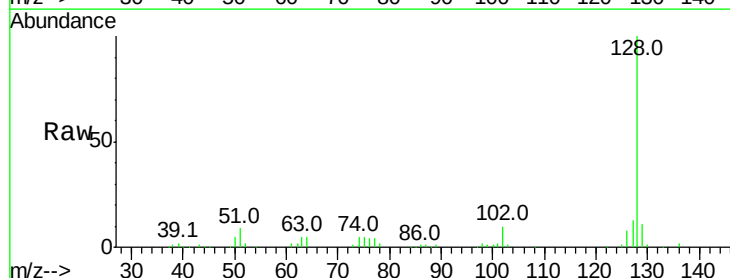


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

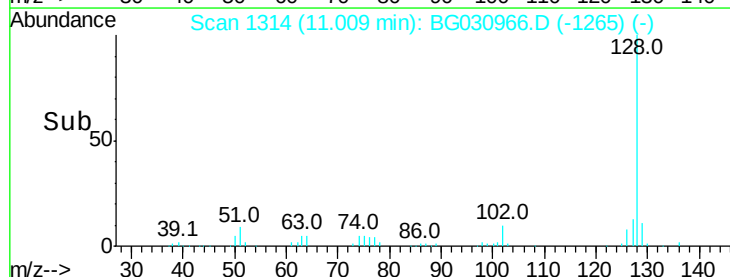
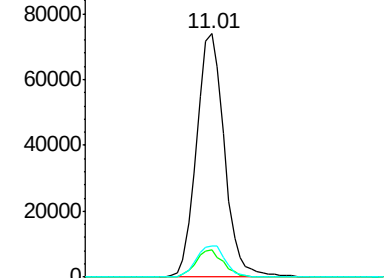


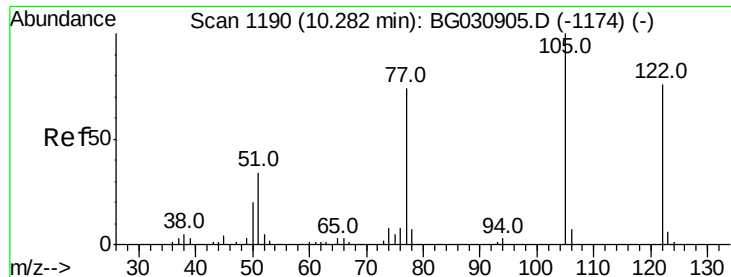
#31
 Naphthalene
 Concen: 17.513 ng
 RT: 11.01 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BG030966.D
 Acq: 12 Nov 2017 5:36

Tgt Ion: 128 Resp: 146834
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.6 12.8
 127 12.8 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC





#32

Benzoic acid

Concen: 5.690 ng

RT: 10.50 min Scan# 1228

Delta R.T. 0.24 min

Lab File: BG030966.D

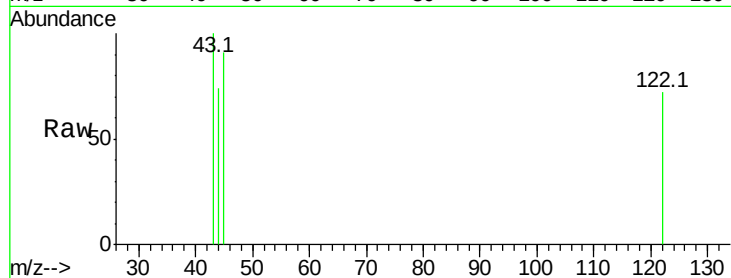
Acq: 12 Nov 2017 5:36

Instrument :

BNA_G

ClientSampleId :

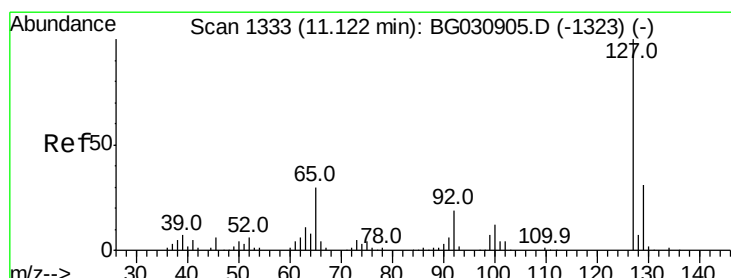
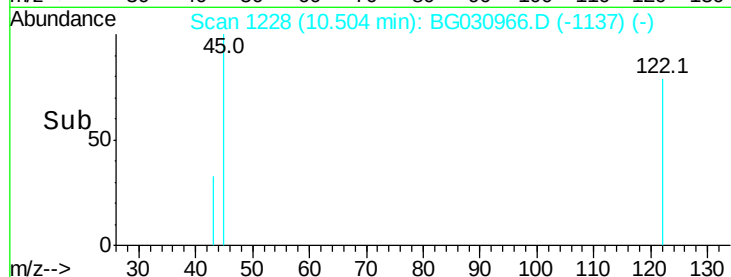
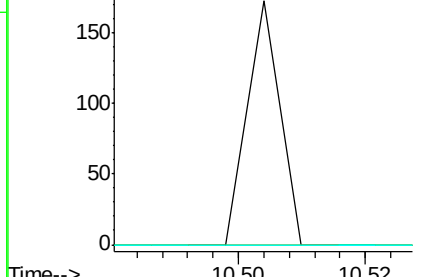
Tot Ion:	122	Resp:	61
Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#33

4-Chloroaniline

Concen: 5.332 ng

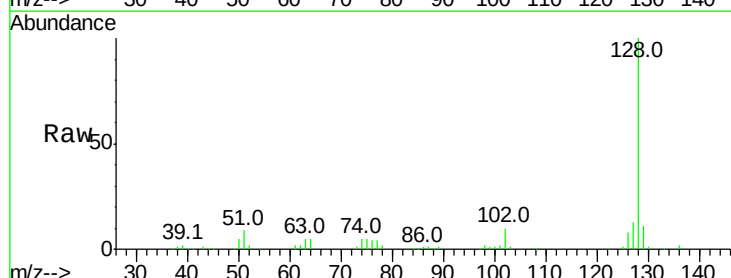
RT: 11.01 min Scan# 1314

Delta R.T. -0.11 min

Lab File: BG030966.D

Acq: 12 Nov 2017 5:36

Tgt Ion:	127	Resp:	19570
Ion	Ratio	Lower	Upper
127	100		
129	86.5	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#

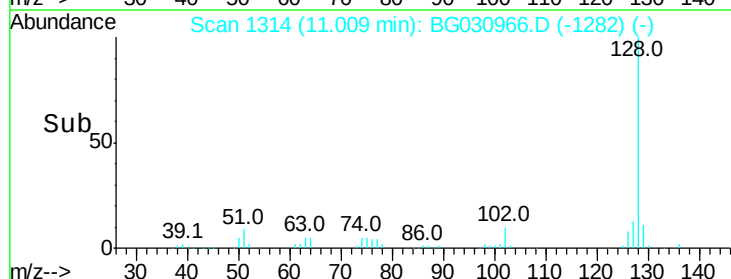
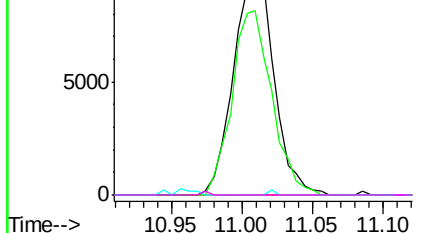


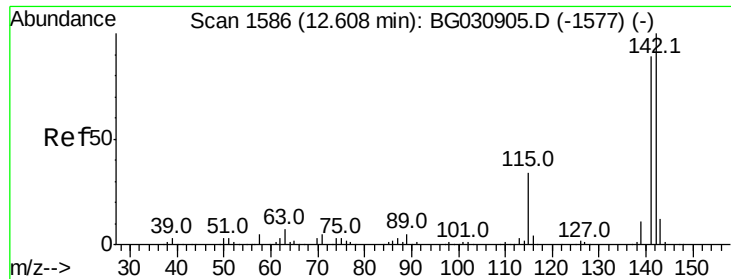
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

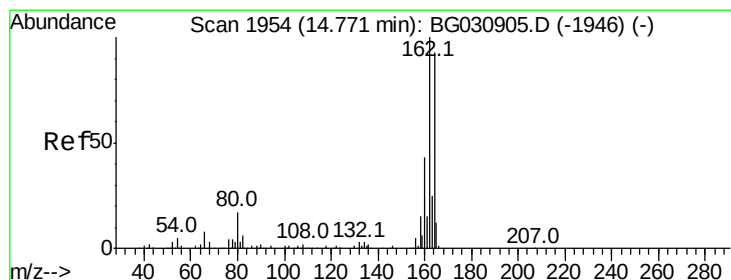
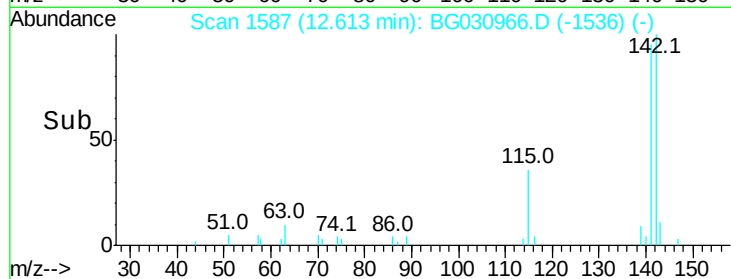
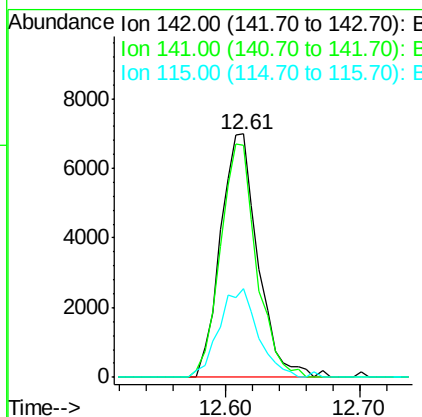
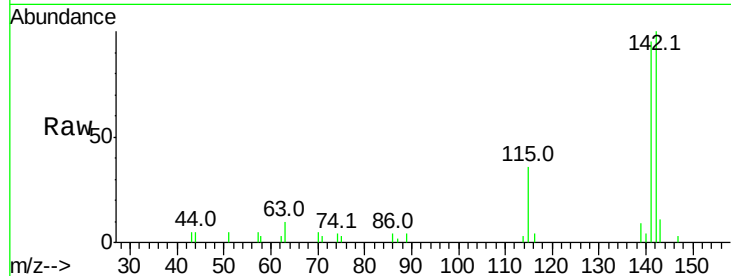




#37
 2-Methylnaphthalene
 Concen: 2.107 ng
 RT: 12.61 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BG030966.D
 Acq: 12 Nov 2017 5:36

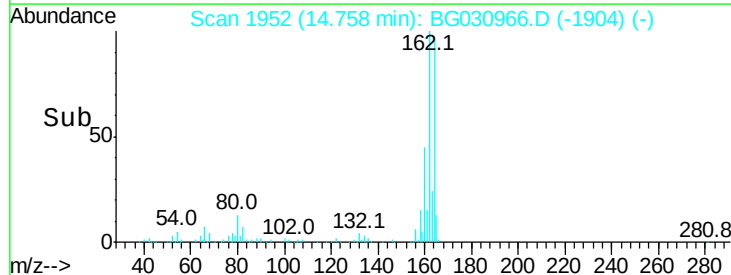
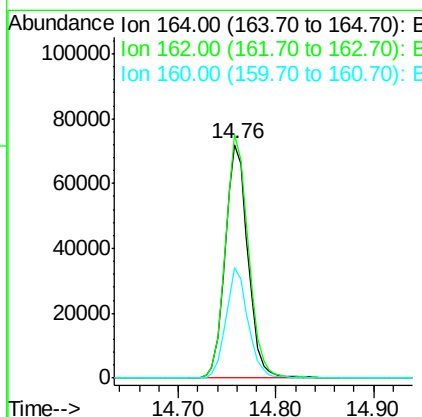
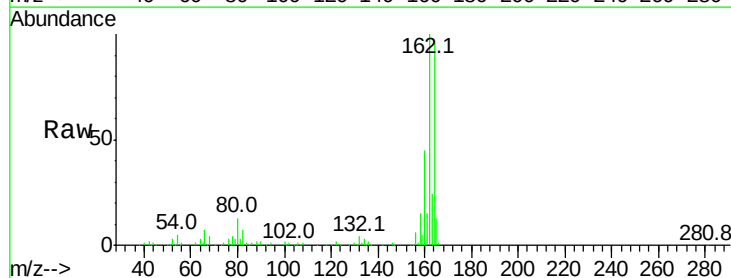
Instrument :
 BNA_G
 ClientSampleId :

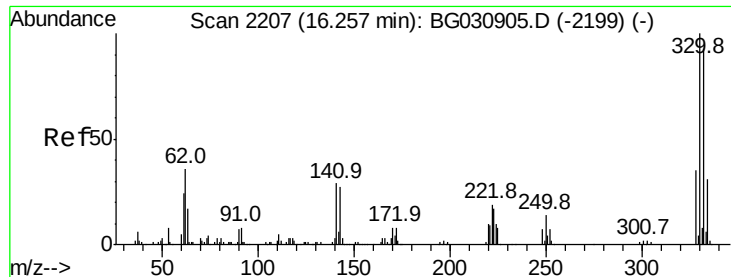
Tot Ion:142 Resp: 13635
 Ion Ratio Lower Upper
 142 100
 141 95.4 67.1 100.7
 115 36.4 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG030966.D
 Acq: 12 Nov 2017 5:36

Tgt Ion:164 Resp: 116114
 Ion Ratio Lower Upper
 164 100
 162 104.1 78.8 118.2
 160 47.1 35.4 53.0

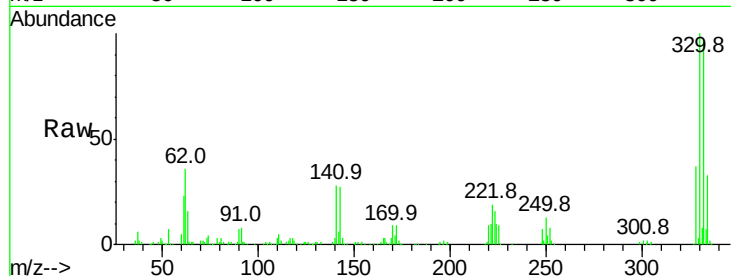




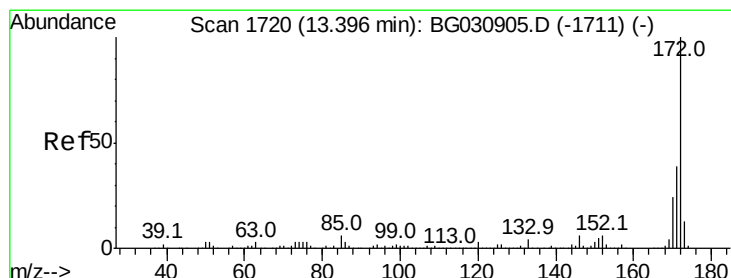
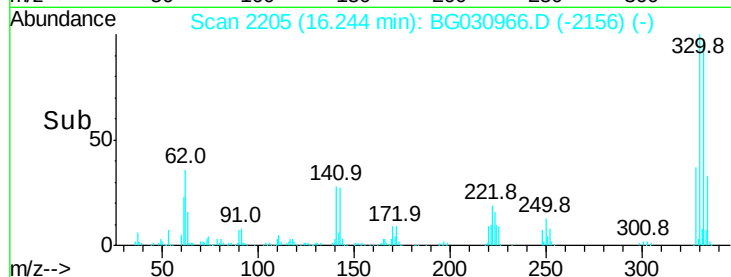
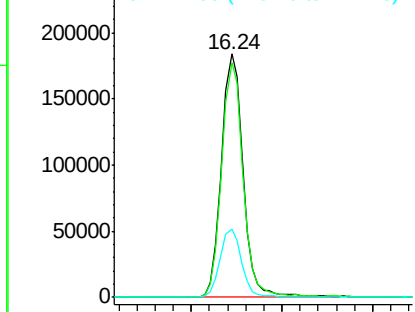
#41
 2,4,6-Tribromophenol
 Concen: 162.210 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG030966.D
 Acq: 12 Nov 2017 5:36

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	28.1	25.2	37.8

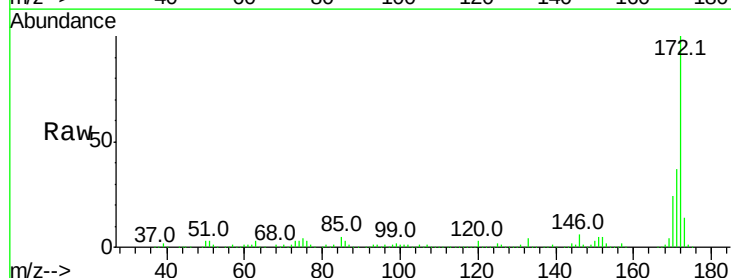


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

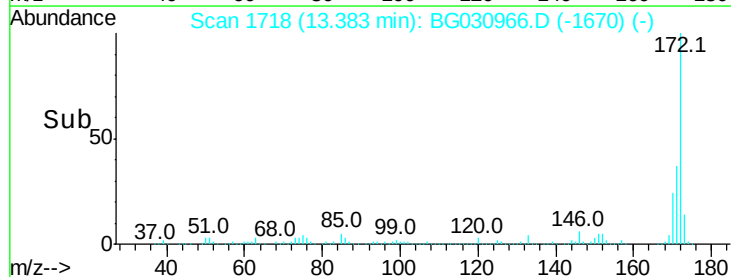
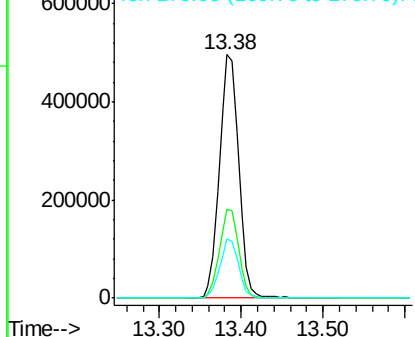


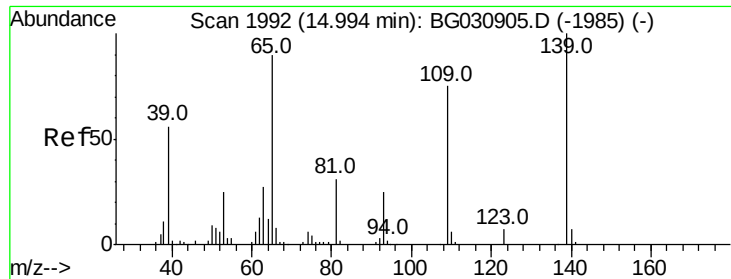
#44
 2-Fluorobiphenyl
 Concen: 101.225 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG030966.D
 Acq: 12 Nov 2017 5:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	24.1	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

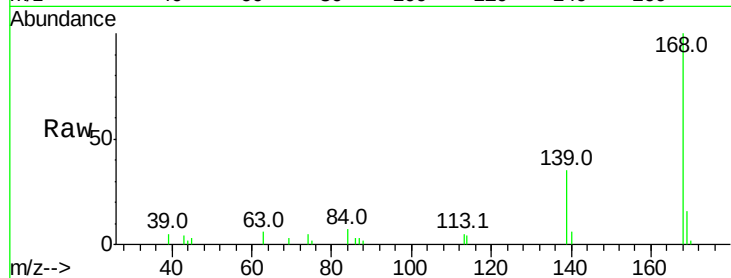




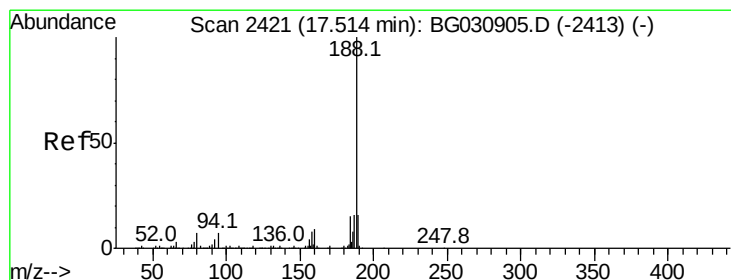
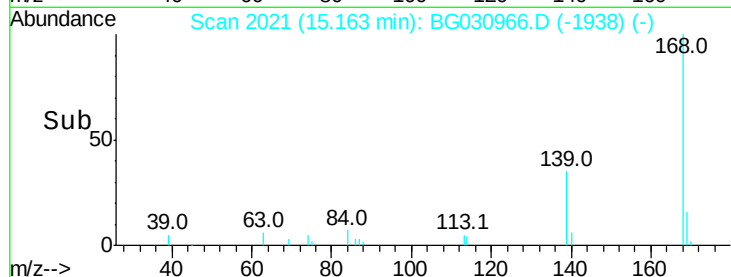
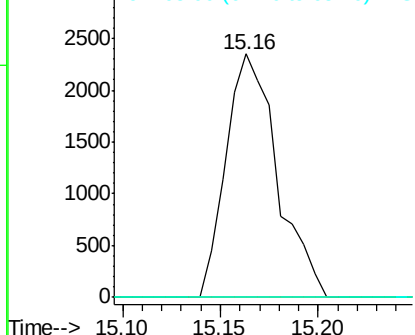
#55
4-Nitrophenol
Concen: 2.722 ng
RT: 15.16 min Scan# 2021
Delta R.T. 0.19 min
Lab File: BG030966.D
Acq: 12 Nov 2017 5:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 4260
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#

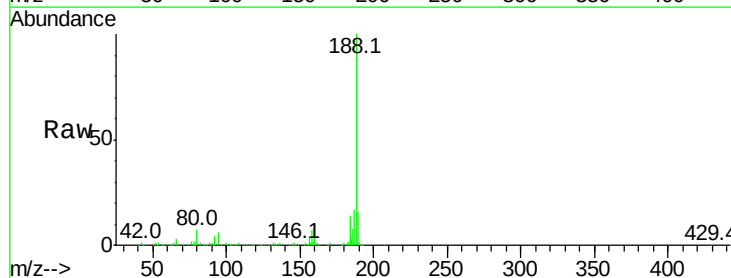


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

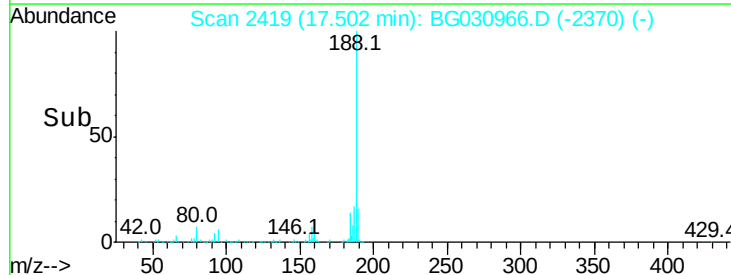
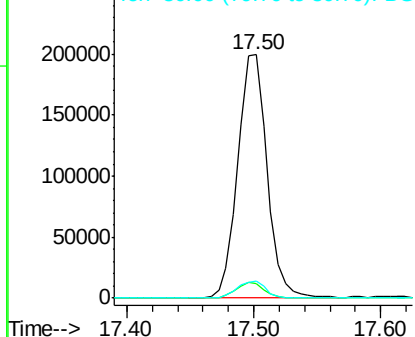


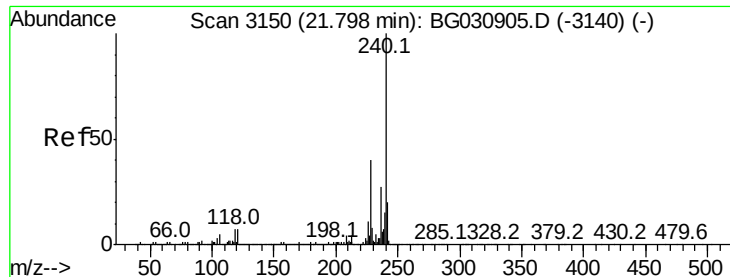
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG030966.D
Acq: 12 Nov 2017 5:36

Tgt Ion:188 Resp: 319843
Ion Ratio Lower Upper
188 100
94 5.7 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): BGC
Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG030966.D

Acq: 12 Nov 2017 5:36

Instrument :

BNA_G

ClientSampleId :

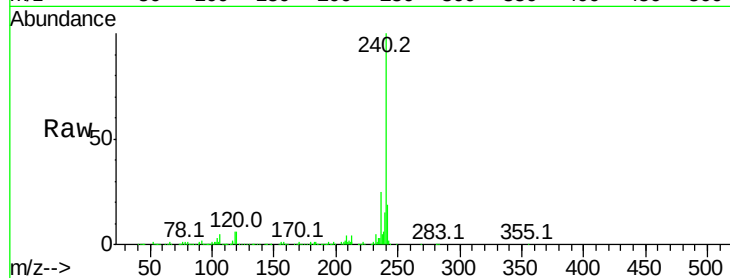
Tot Ion:240 Resp: 416309

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

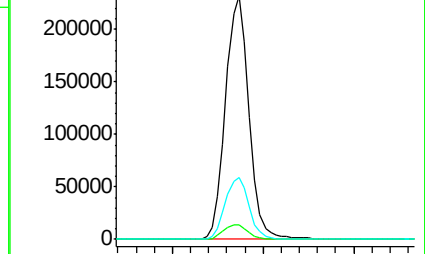
236 25.3 20.9 31.3



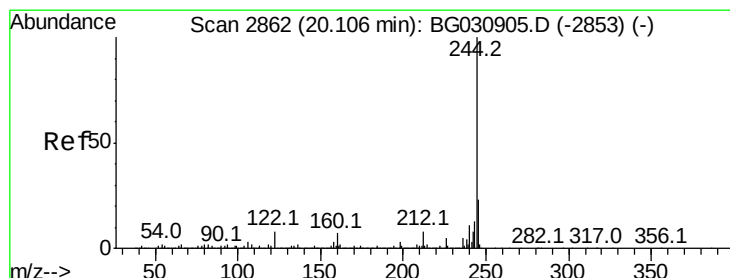
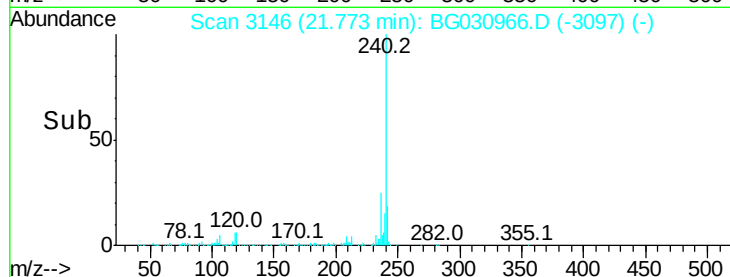
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 92.238 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG030966.D

Acq: 12 Nov 2017 5:36

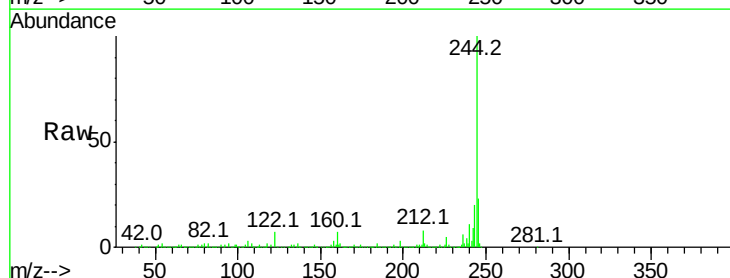
Tgt Ion:244 Resp: 1739036

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

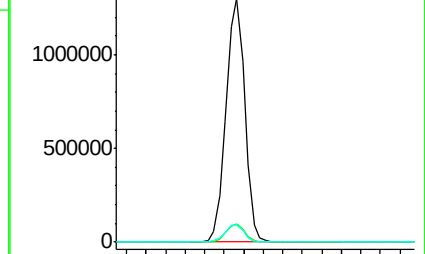
122 7.1 7.0 10.4



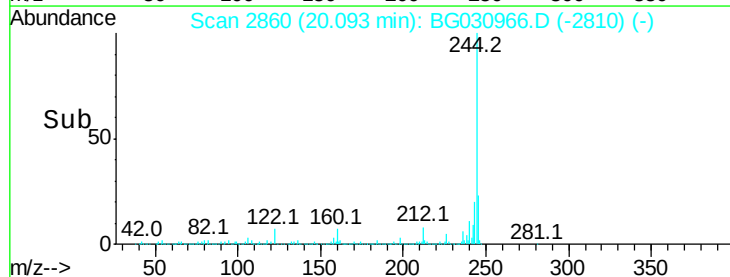
Abundance Ion 244.00 (243.70 to 244.70): E

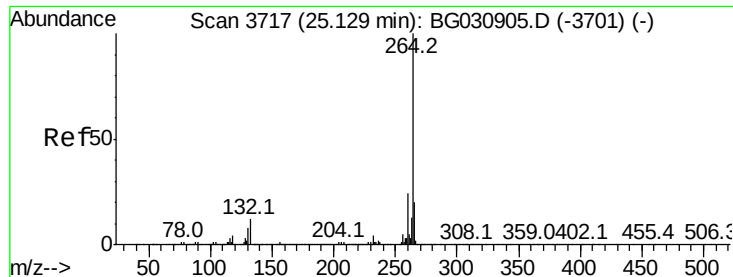
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

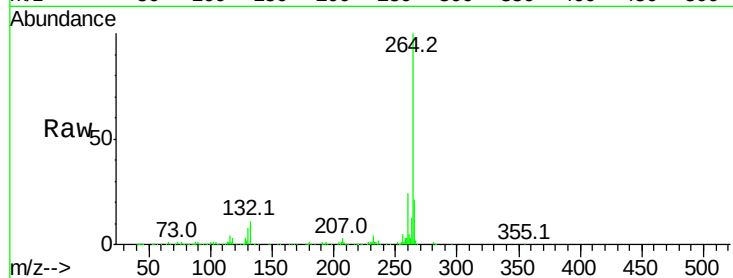




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3708
Delta R.T. -0.02 min
Lab File: BG030966.D
Acq: 12 Nov 2017 5:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	21.5	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

