

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111317\
 Data File : BG031005.D
 Acq On : 14 Nov 2017 11:35
 Operator : SJ/JU
 Sample : I6441-19
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 14 15:00:00 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

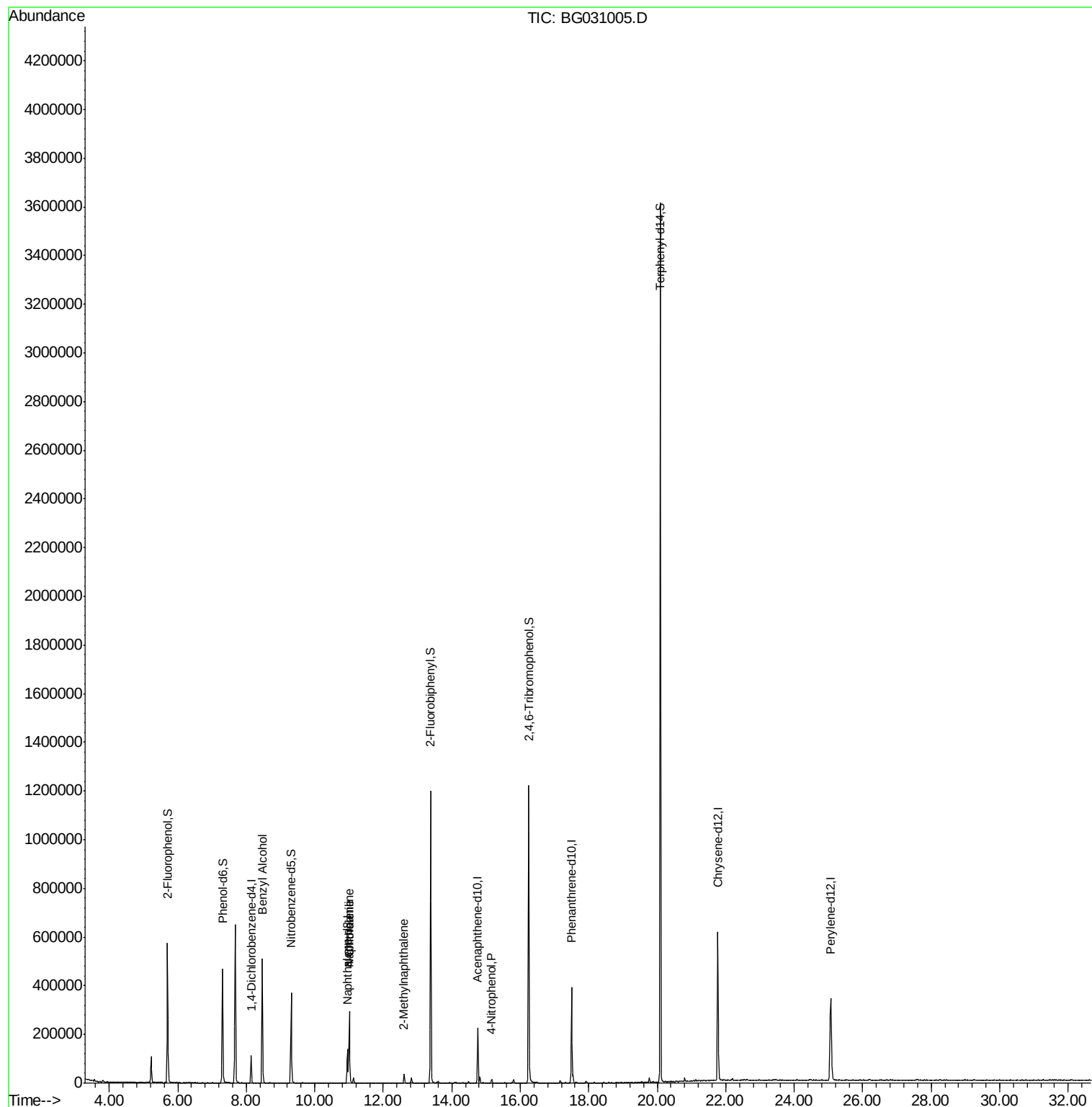
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	33542	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	134170	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	89960	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	274324	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	431053	20.00	ng	-0.02
86) Perylene-d12	25.07	264	432305	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	268949	137.49	ng	0.00
7) Phenol-d6	7.31	99	292469	110.98	ng	0.00
23) Nitrobenzene-d5	9.31	82	240146	106.06	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	294775	202.56	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	697679	111.44	ng	-0.02
78) Terphenyl-d14	20.09	244	1827406	93.61	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.46	79	4247	2.009	ng	# 47
31) Naphthalene	11.01	128	268943	40.776	ng	97
33) 4-Chloroaniline	11.01	127	36344	12.587	ng	# 31
37) 2-Methylnaphthalene	12.61	142	21653	4.253	ng	87
55) 4-Nitrophenol	15.16	139	5353	4.414	ng	# 2

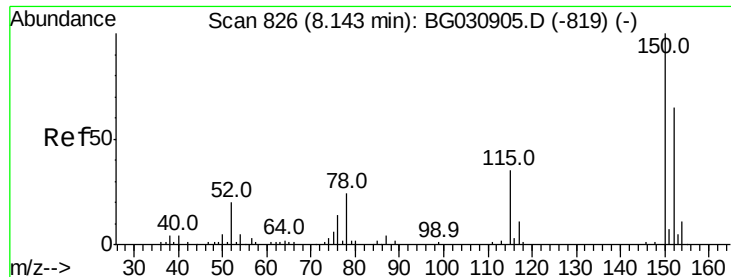
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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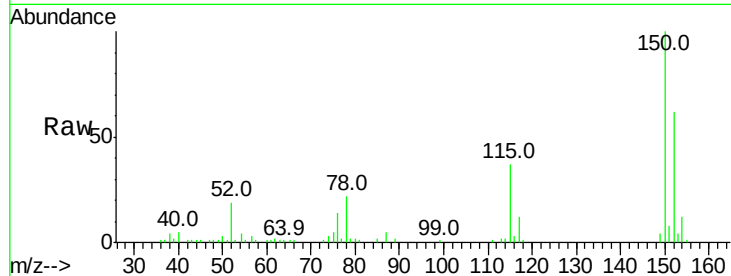


#1

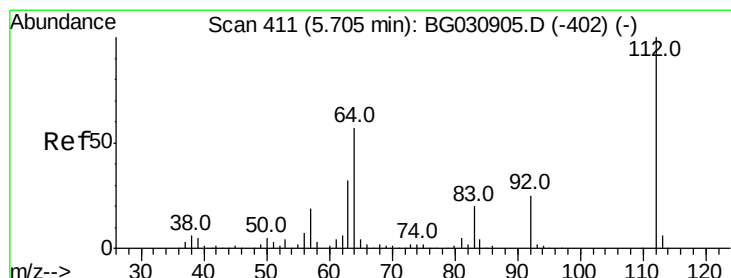
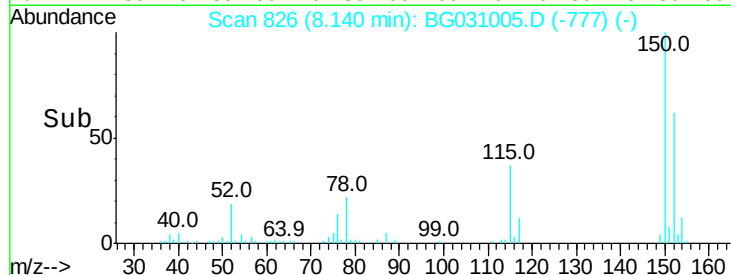
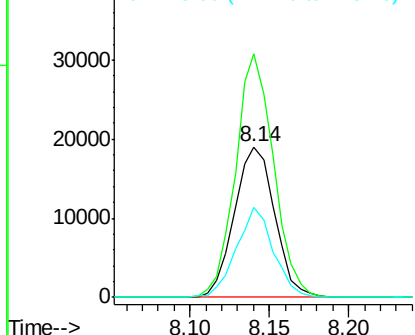
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG031005.D
Acq: 14 Nov 2017 11:35

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 33542
Ion Ratio Lower Upper
152 100
150 161.7 126.6 189.8
115 59.7 53.0 79.4



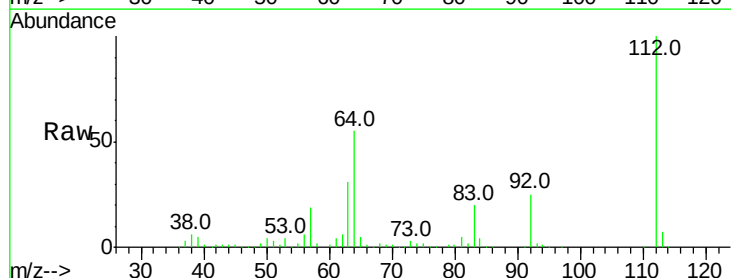
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



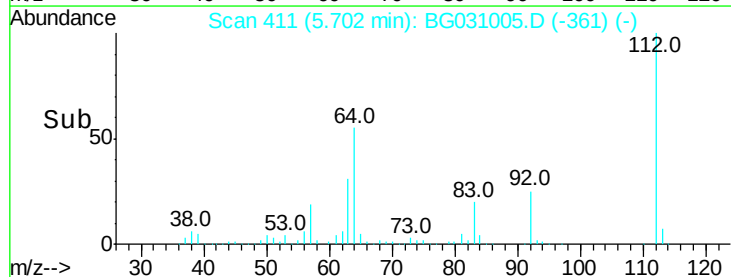
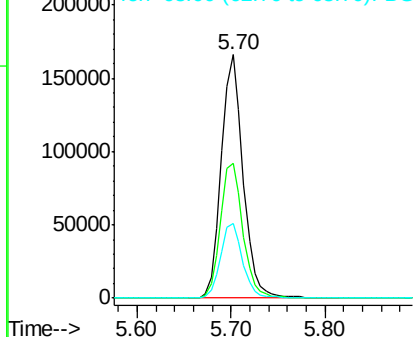
#5

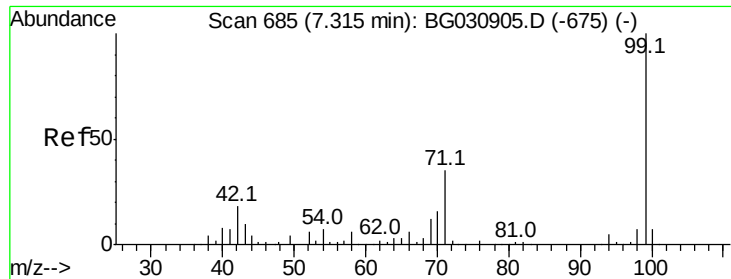
2-Fluorophenol
Concen: 137.494 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.01 min
Lab File: BG031005.D
Acq: 14 Nov 2017 11:35

Tgt Ion:112 Resp: 268949
Ion Ratio Lower Upper
112 100
64 55.3 56.3 84.5#
63 30.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 110.983 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG031005.D

Acq: 14 Nov 2017 11:35

Instrument :

BNA_G

ClientSampleId :

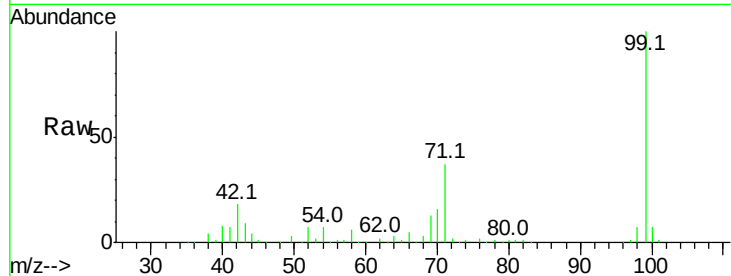
Tot Ion: 99 Resp: 292469

Ion Ratio Lower Upper

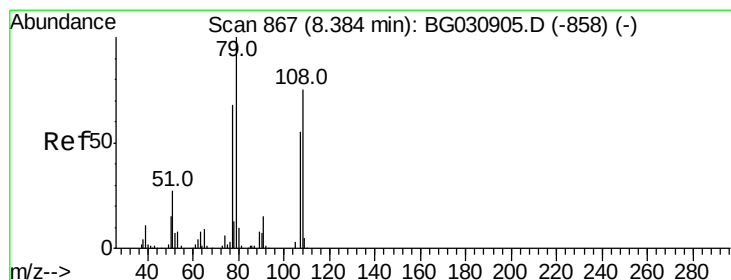
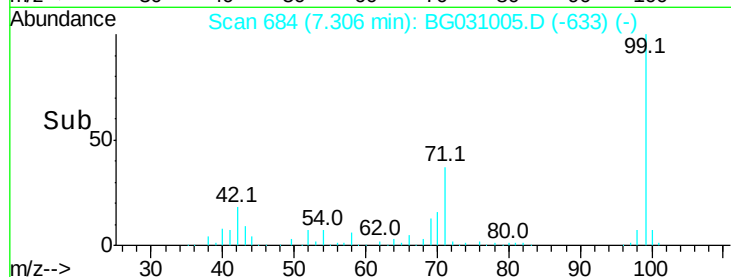
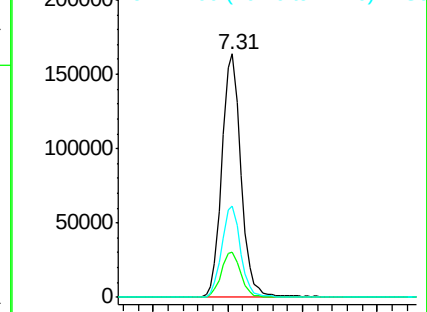
99 100

42 18.5 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



#15

Benzyl Alcohol

Concen: 2.009 ng

RT: 8.46 min Scan# 881

Delta R.T. 0.08 min

Lab File: BG031005.D

Acq: 14 Nov 2017 11:35

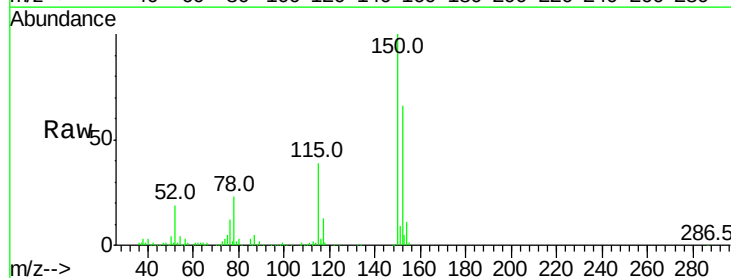
Tgt Ion: 79 Resp: 4247

Ion Ratio Lower Upper

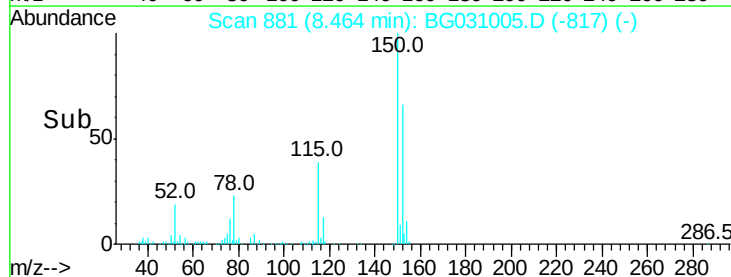
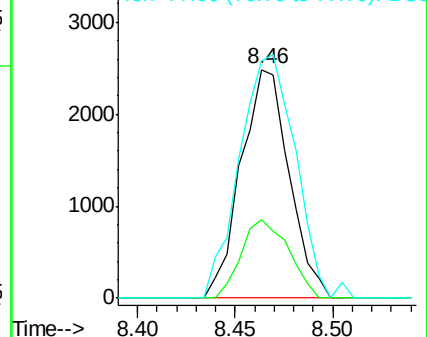
79 100

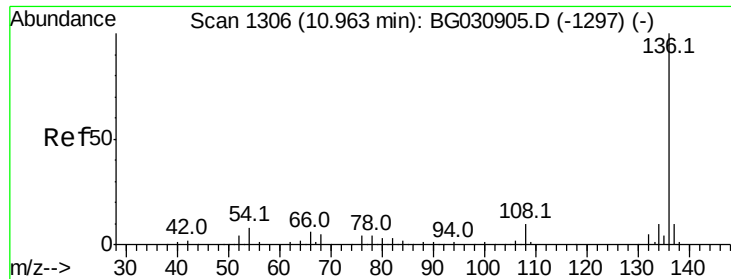
108 34.6 57.2 85.8#

77 104.1 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

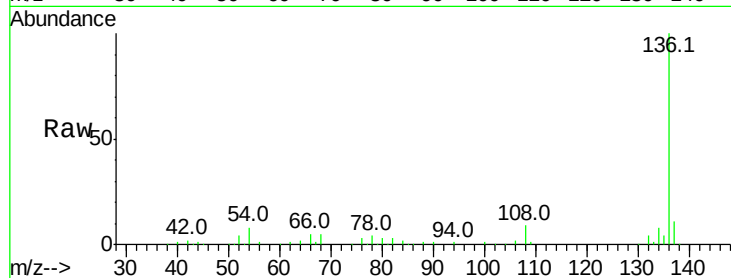




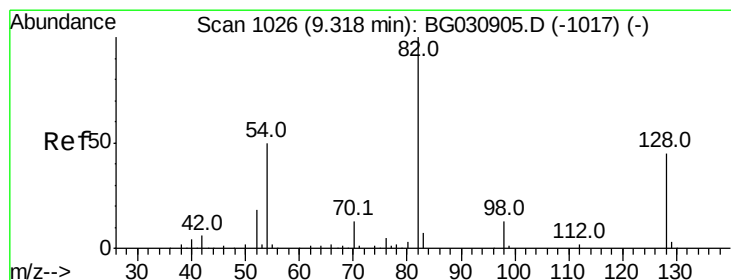
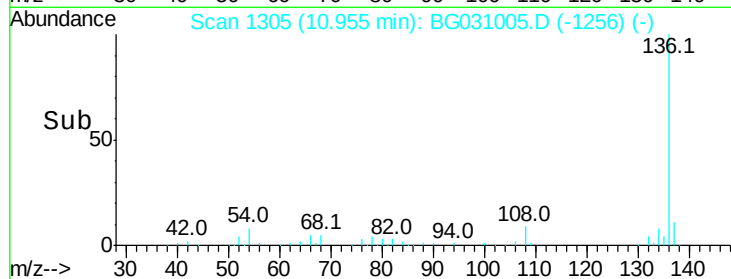
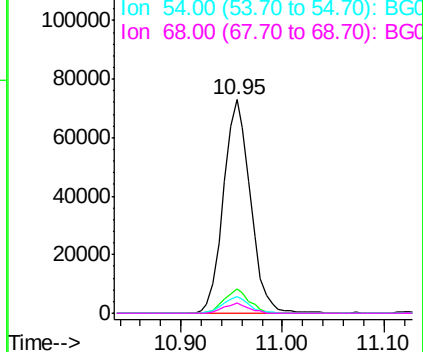
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG031005.D
Acq: 14 Nov 2017 11:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	134170
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	7.7	10.3	15.5
68	4.6	4.5	6.7

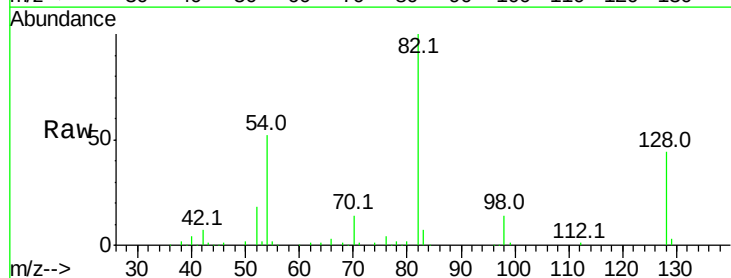


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

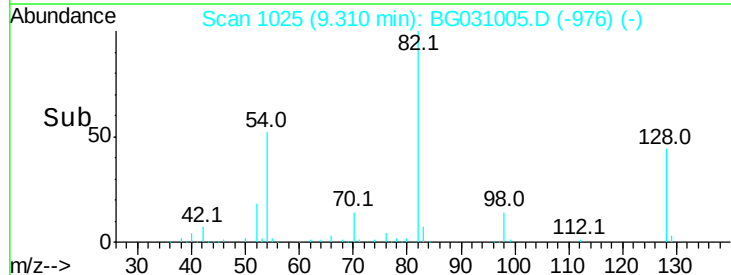
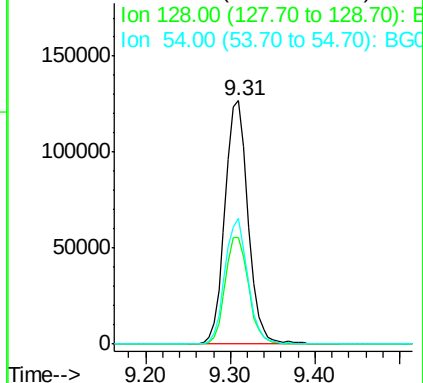


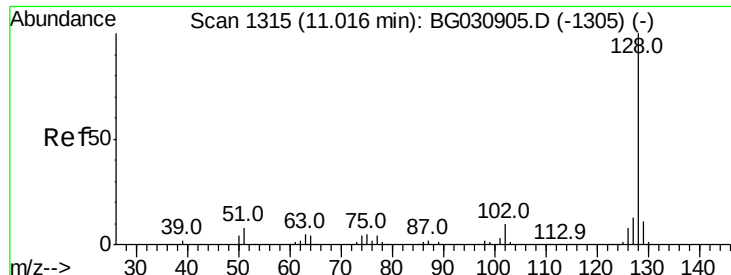
#23
Nitrobenzene-d5
Concen: 106.061 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG031005.D
Acq: 14 Nov 2017 11:35

Tgt Ion:	82	Resp:	240146
Ion	Ratio	Lower	Upper
82	100		
128	43.6	29.7	44.5
54	51.7	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

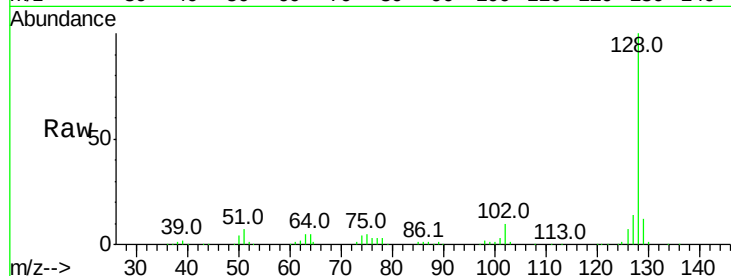




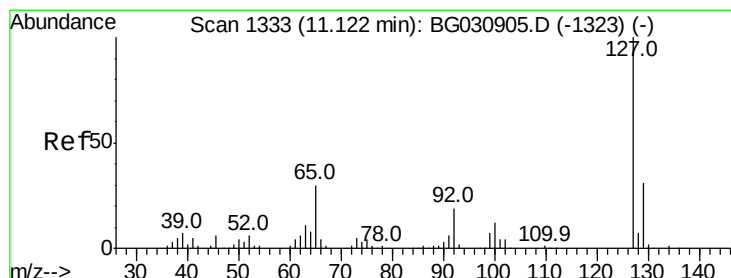
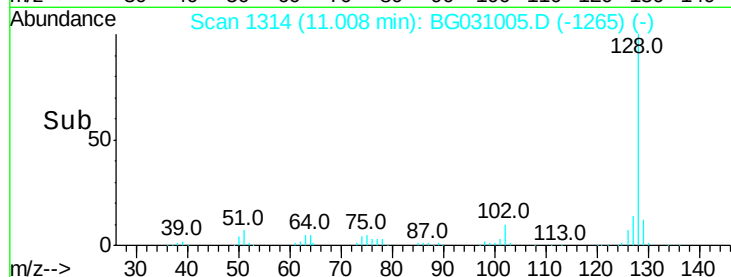
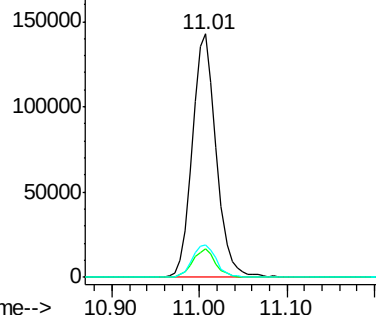
#31
Naphthalene
Concen: 40.776 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG031005.D
Acq: 14 Nov 2017 11:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 268943
Ion Ratio Lower Upper
128 100
129 11.9 8.6 12.8
127 13.6 11.6 17.4



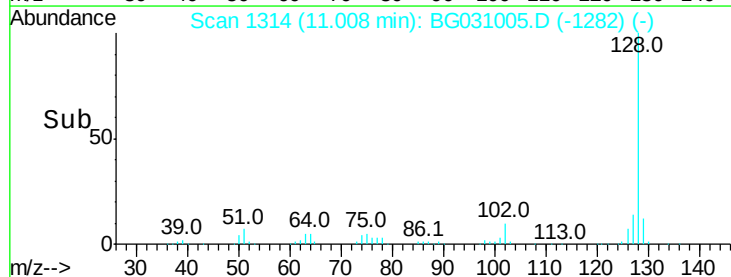
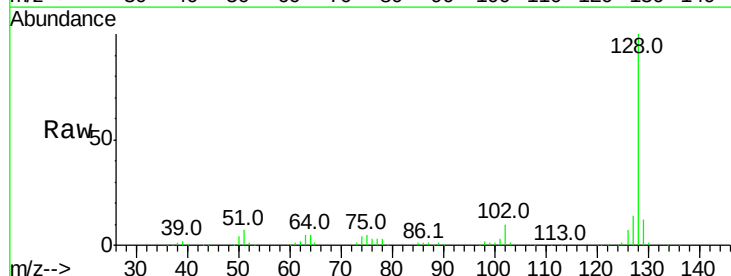
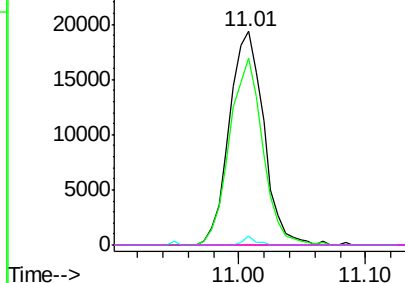
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

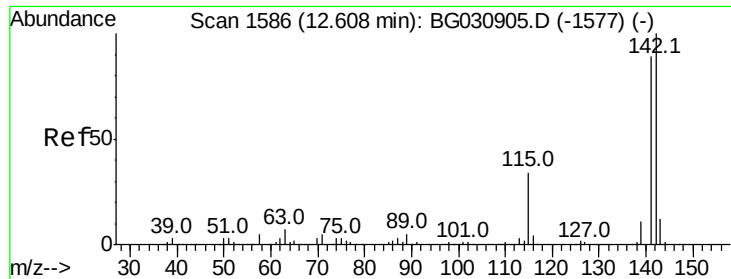


#33
4-Chloroaniline
Concen: 12.587 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.11 min
Lab File: BG031005.D
Acq: 14 Nov 2017 11:35

Tgt Ion:127 Resp: 36344
Ion Ratio Lower Upper
127 100
129 87.7 24.0 36.0#
65 4.5 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

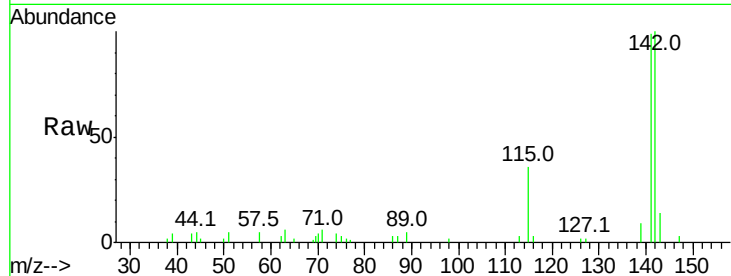




#37
 2-Methylnaphthalene
 Concen: 4.253 ng
 RT: 12.61 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BG031005.D
 Acq: 14 Nov 2017 11:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	98.6	67.1	100.7
115	35.5	30.7	46.1

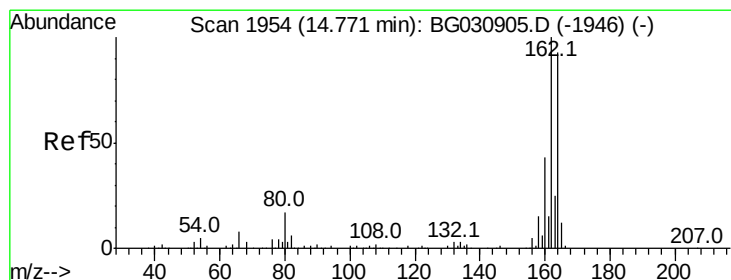
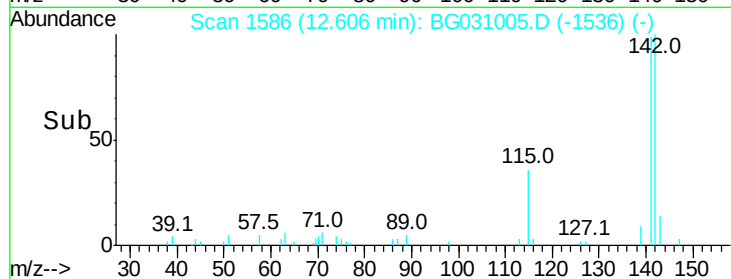
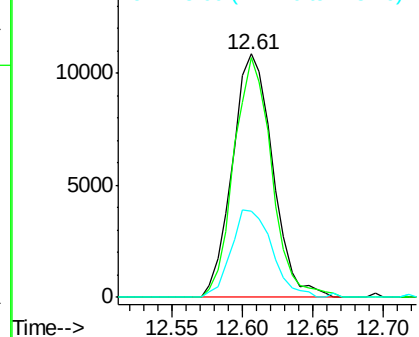


Abundance

Ion 142.00 (141.70 to 142.70): E

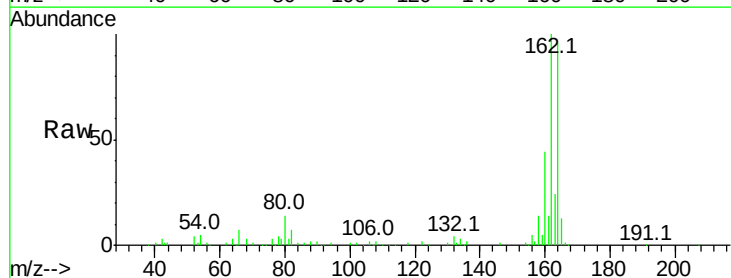
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG031005.D
 Acq: 14 Nov 2017 11:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	78.8	118.2
160	45.7	35.4	53.0

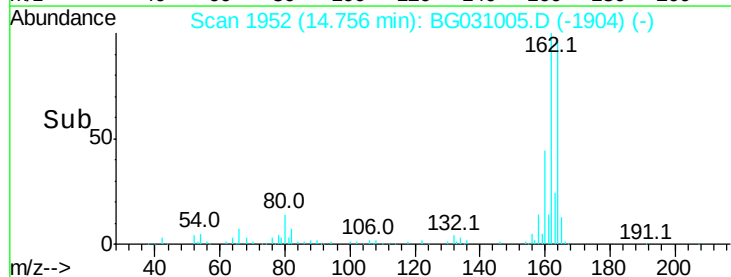
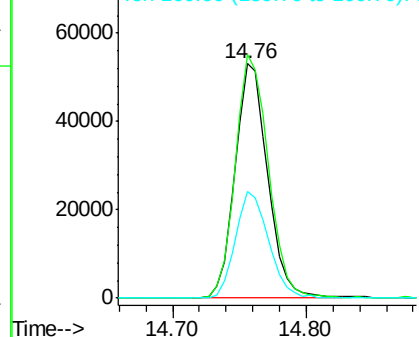


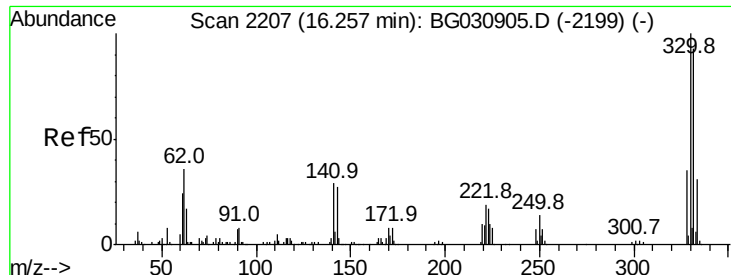
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

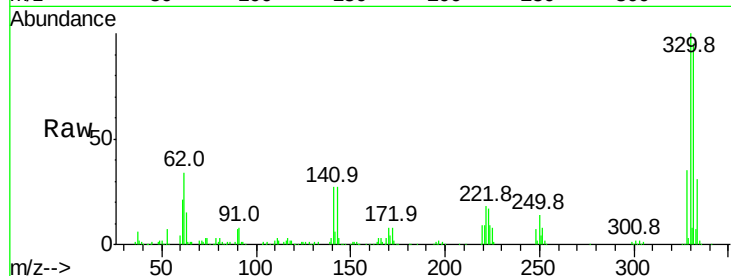




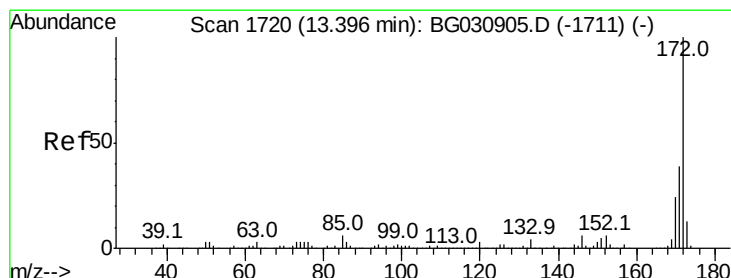
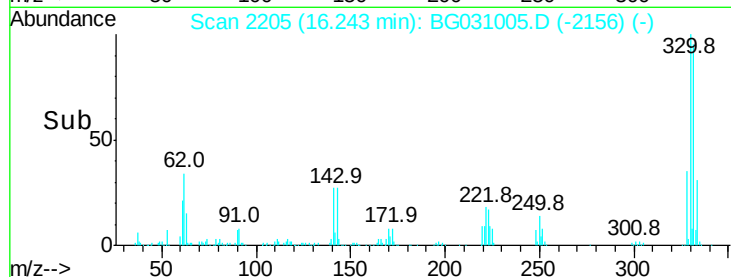
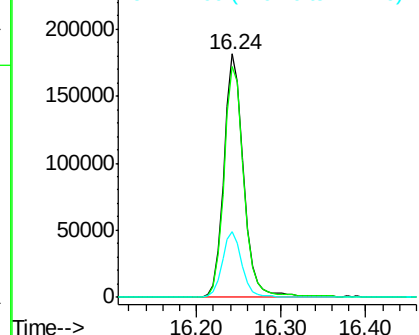
#41
 2,4,6-Tribromophenol
 Concen: 202.558 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031005.D
 Acq: 14 Nov 2017 11:35

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 294775
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 27.1 25.2 37.8

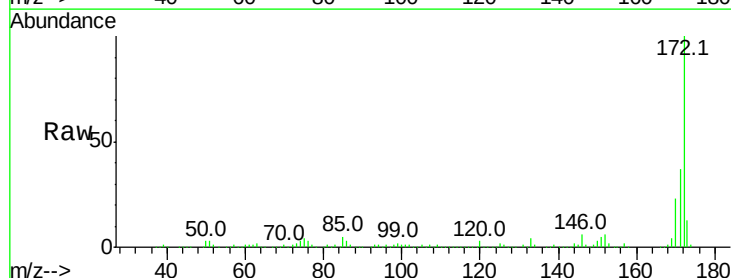


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

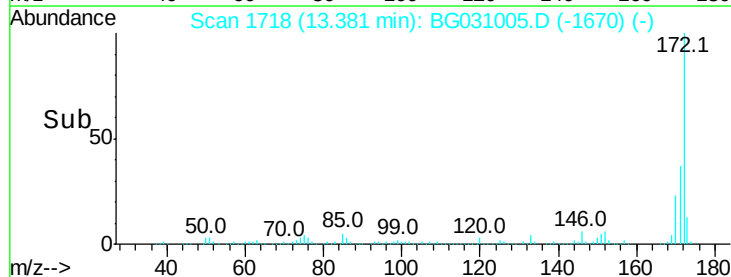
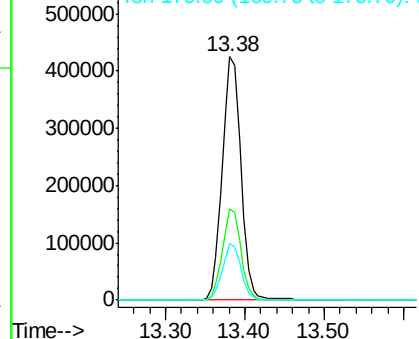


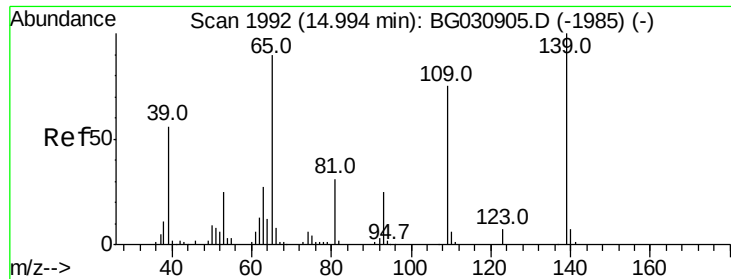
#44
 2-Fluorobiphenyl
 Concen: 111.437 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031005.D
 Acq: 14 Nov 2017 11:35

Tgt Ion:172 Resp: 697679
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.0 45.0
 170 23.2 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

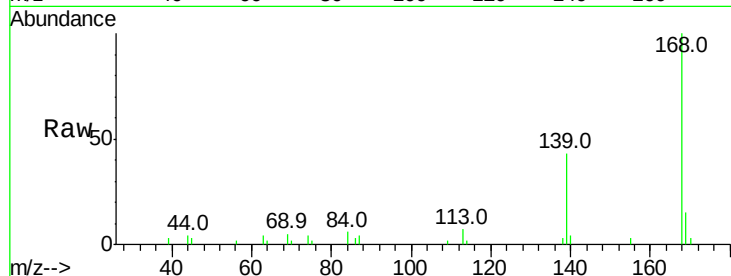




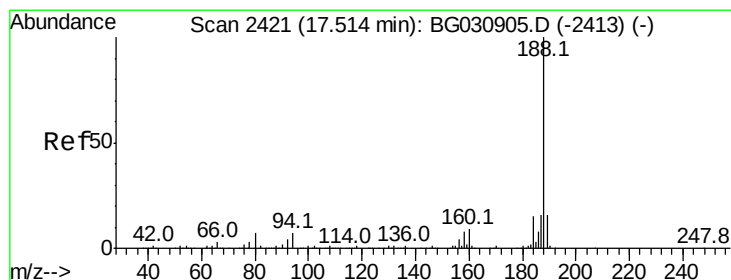
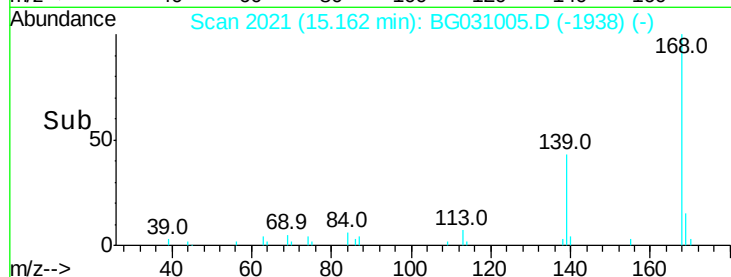
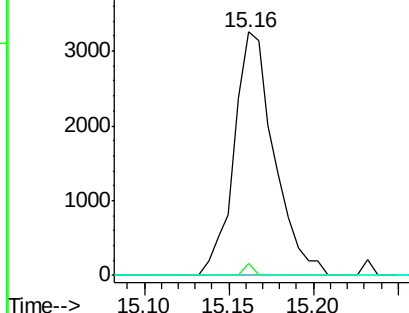
#55
4-Nitrophenol
Concen: 4.414 ng
RT: 15.16 min Scan# 2021
Delta R.T. 0.19 min
Lab File: BG031005.D
Acq: 14 Nov 2017 11:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 5353
Ion Ratio Lower Upper
139 100
109 4.8 62.2 102.2#
65 0.0 97.2 137.2#

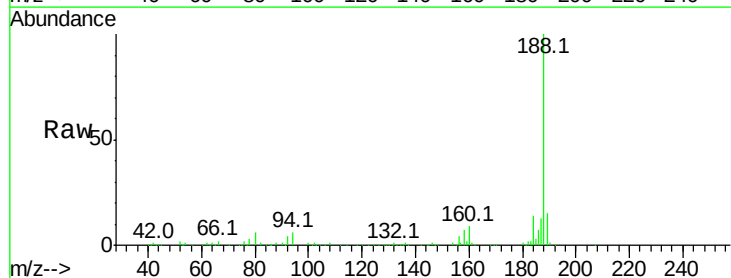


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

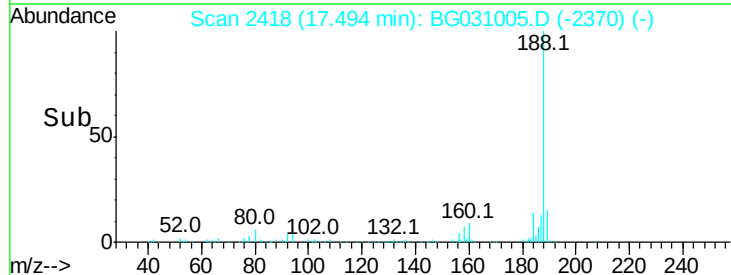
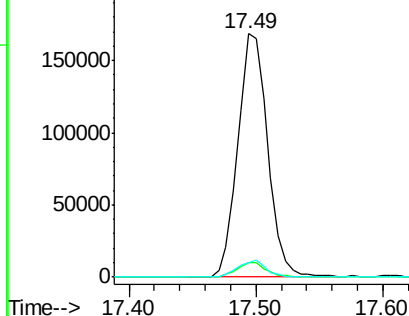


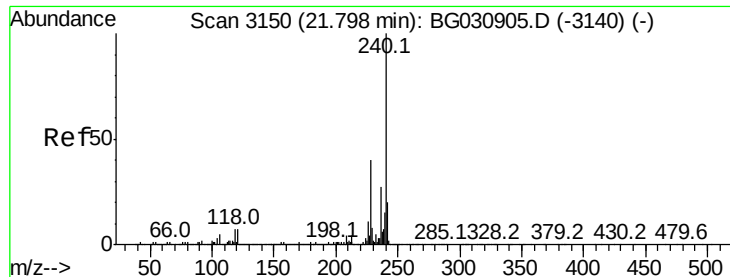
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031005.D
Acq: 14 Nov 2017 11:35

Tgt Ion:188 Resp: 274324
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 6.0 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# 3145

Delta R.T. -0.02 min

Lab File: BG031005.D

Acq: 14 Nov 2017 11:35

Instrument :

BNA_G

ClientSampleId :

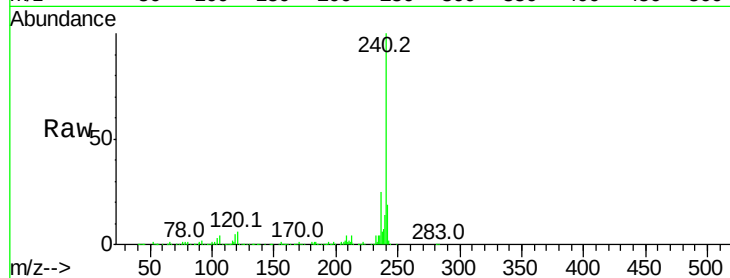
Tot Ion:240 Resp: 431053

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

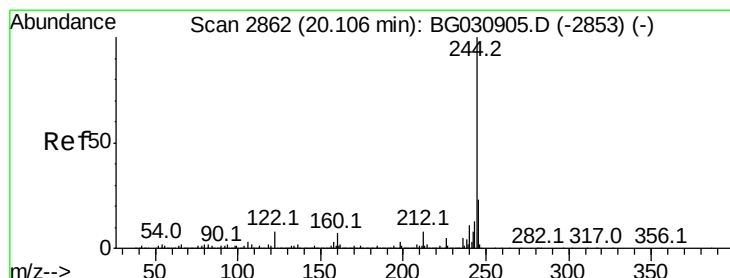
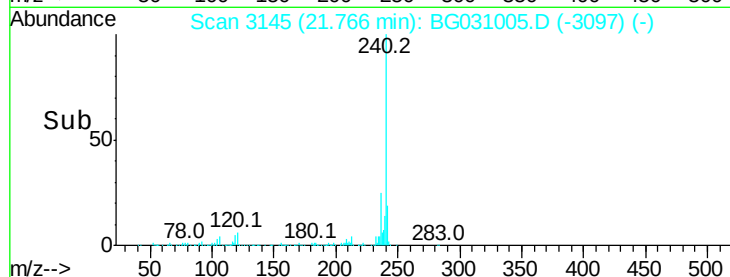
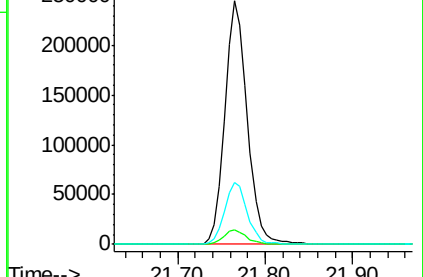
236 25.3 20.9 31.3



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



#78

Terphenyl-d14

Concen: 93.610 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG031005.D

Acq: 14 Nov 2017 11:35

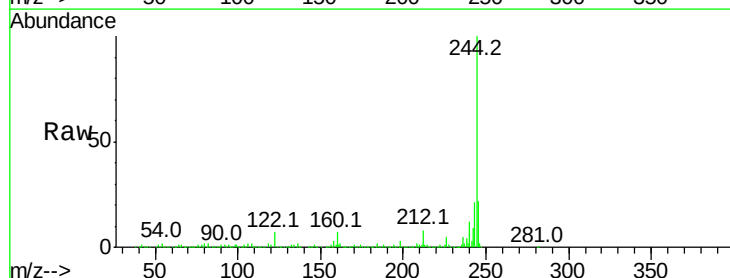
Tgt Ion:244 Resp: 1827406

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

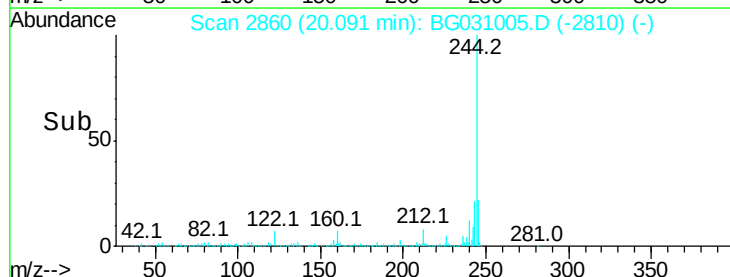
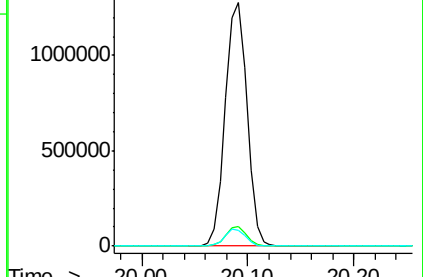
122 6.7 7.0 10.4#

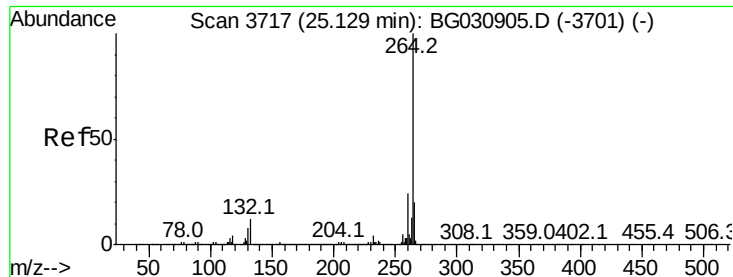


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

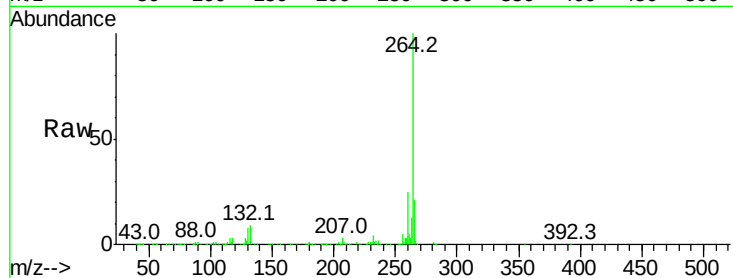




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3707
 Delta R.T. -0.02 min
 Lab File: BG031005.D
 Acq: 14 Nov 2017 11:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	21.4	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

