

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111317\
 Data File : BG031004.D
 Acq On : 14 Nov 2017 10:58
 Operator : SJ/JU
 Sample : I6441-13
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 14 14:59:46 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	32737	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	131909	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	85874	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	259318	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	418959	20.00	ng	-0.02
86) Perylene-d12	25.06	264	410065	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	255300	133.73	ng	0.00
7) Phenol-d6	7.31	99	280585	109.09	ng	0.00
23) Nitrobenzene-d5	9.31	82	223678	100.48	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	266431	191.79	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	658792	110.23	ng	-0.02
78) Terphenyl-d14	20.09	244	1730992	91.23	ng	-0.01

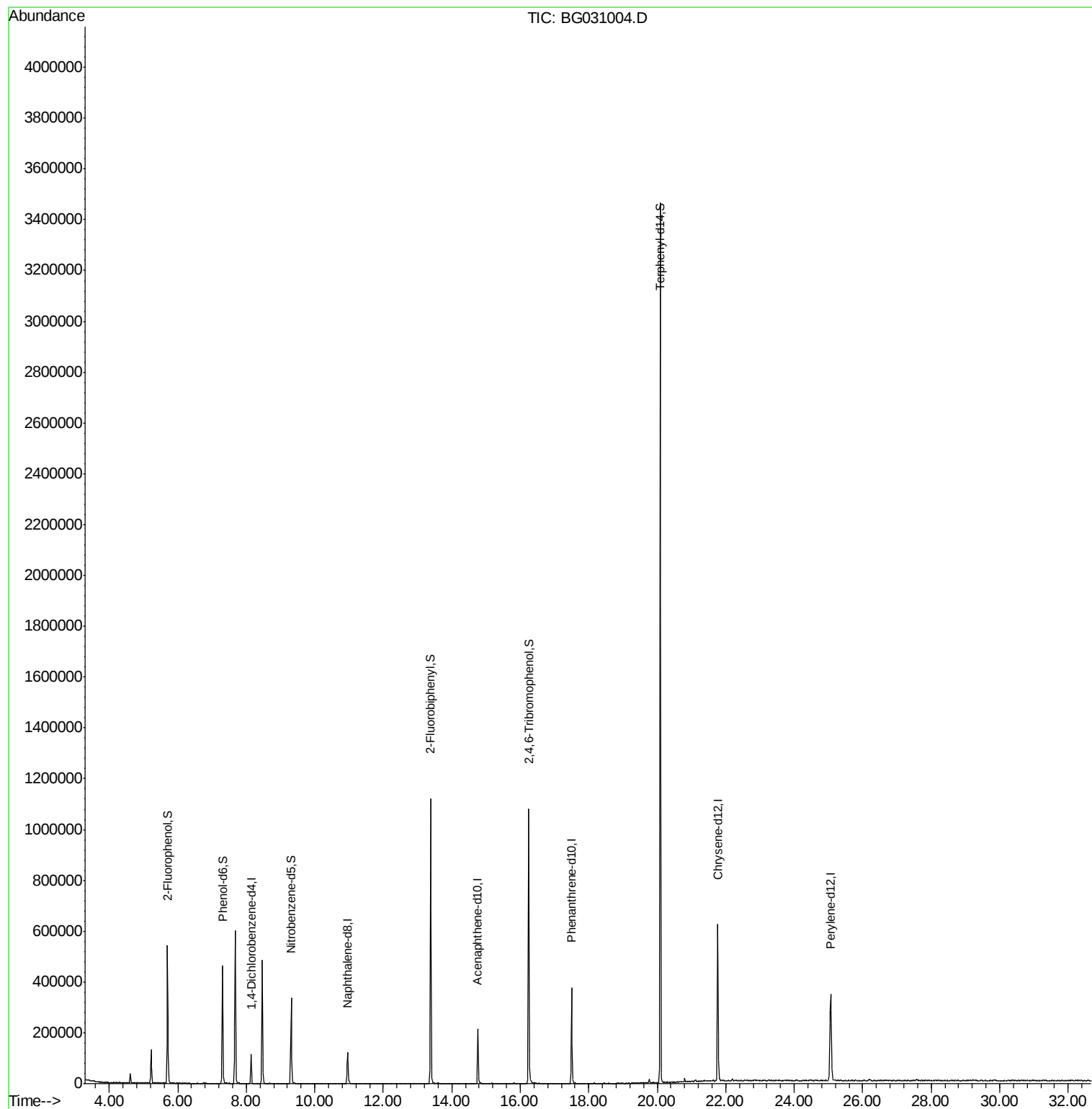
Target Compounds Qvalue

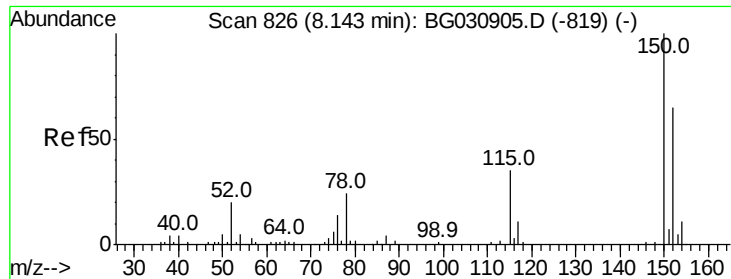
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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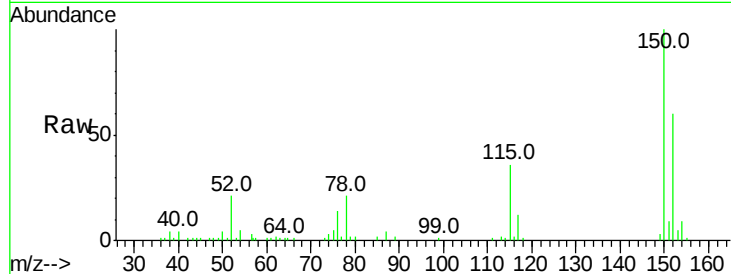


#1

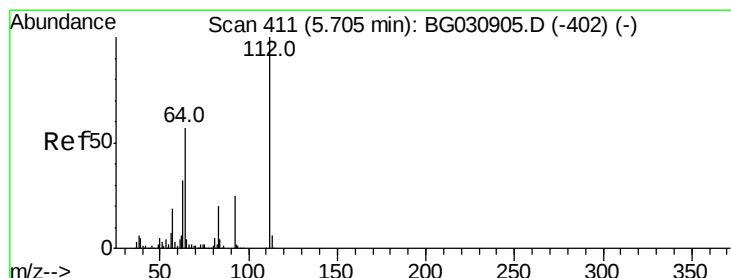
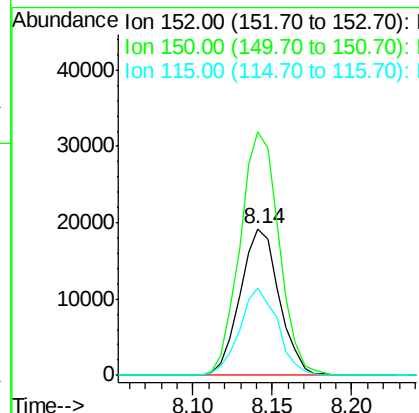
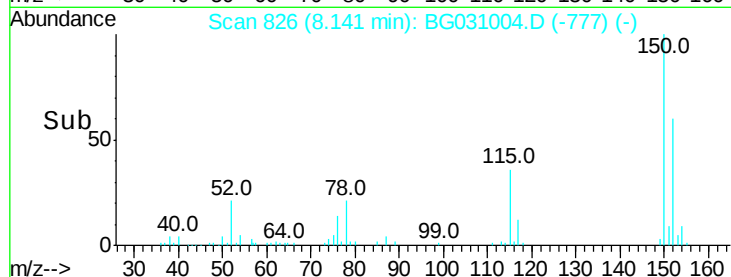
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG031004.D
Acq: 14 Nov 2017 10:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 32737
Ion Ratio Lower Upper
152 100
150 166.0 126.6 189.8
115 59.3 53.0 79.4



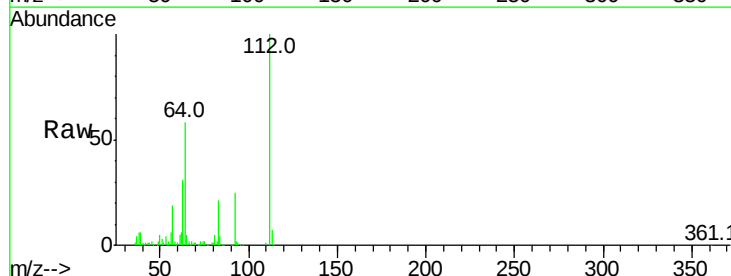
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



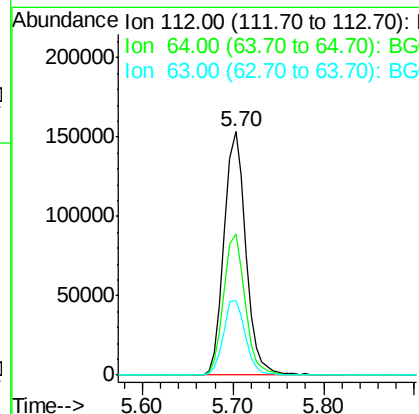
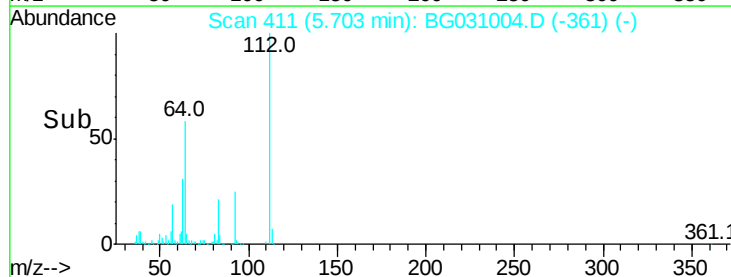
#5

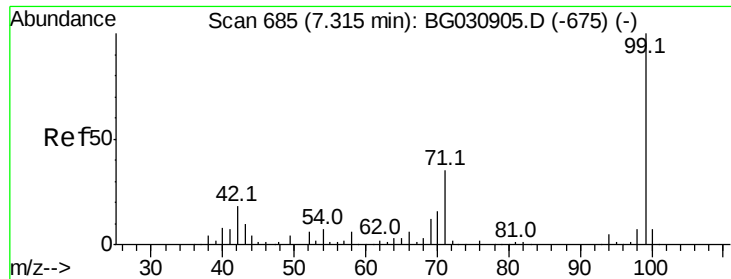
2-Fluorophenol
Concen: 133.726 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.01 min
Lab File: BG031004.D
Acq: 14 Nov 2017 10:58

Tgt Ion:112 Resp: 255300
Ion Ratio Lower Upper
112 100
64 57.7 56.3 84.5
63 30.7 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: 109.092 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG031004.D

Acq: 14 Nov 2017 10:58

Instrument :

BNA_G

ClientSampled :

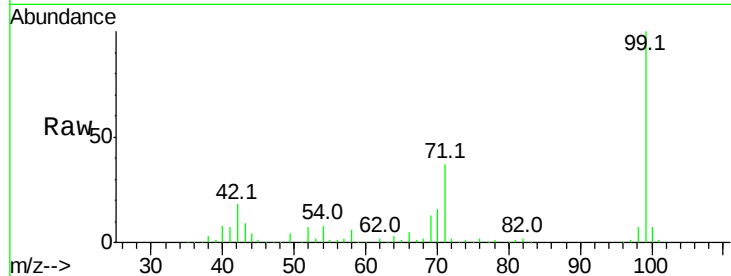
Tot Ion: 99 Resp: 280585

Ion Ratio Lower Upper

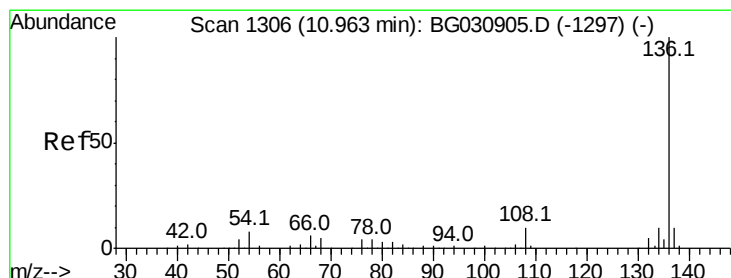
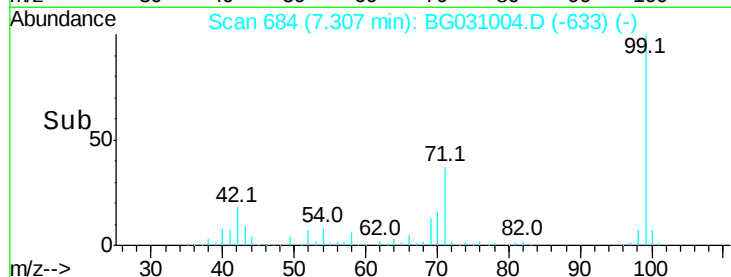
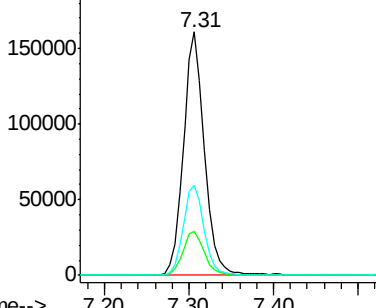
99 100

42 18.3 14.1 21.1

71 36.9 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# 1306

Delta R.T. -0.01 min

Lab File: BG031004.D

Acq: 14 Nov 2017 10:58

Tgt Ion: 136 Resp: 131909

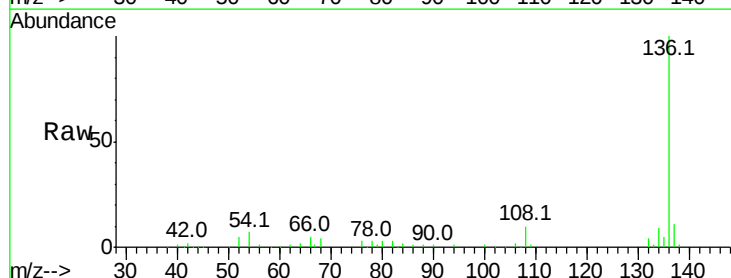
Ion Ratio Lower Upper

136 100

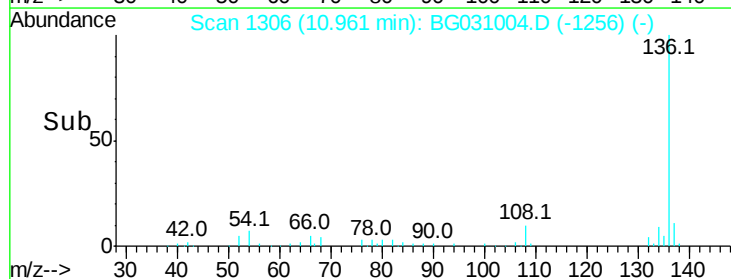
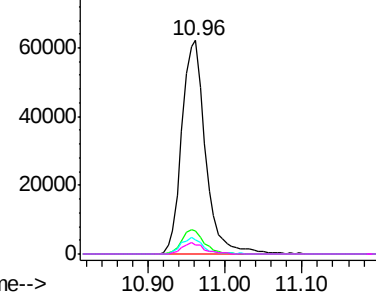
137 10.9 9.2 13.8

54 6.6 10.3 15.5#

68 4.1 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

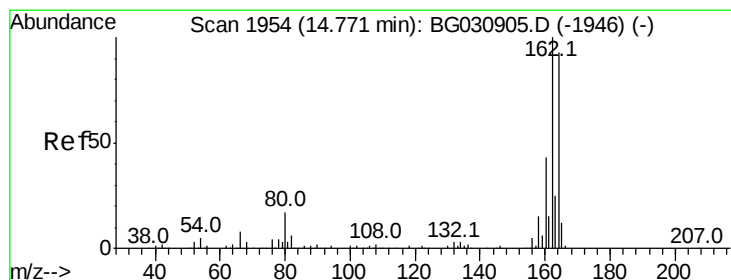
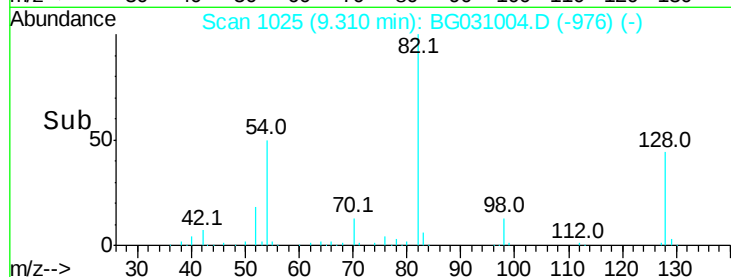
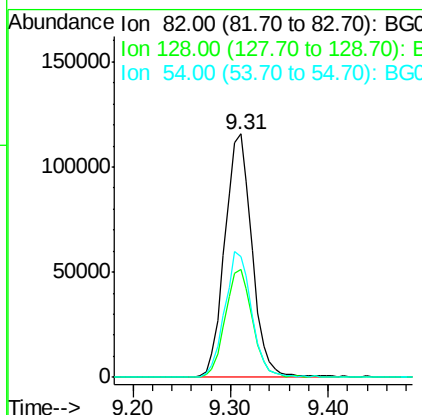
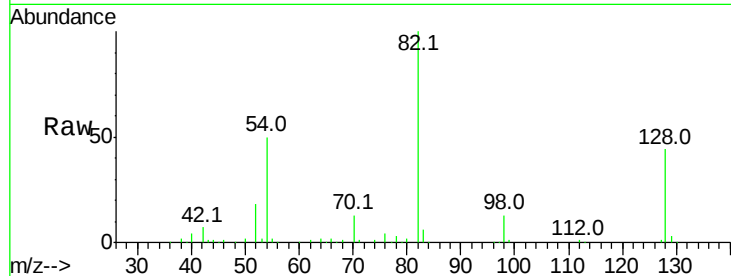




#23
 Nitrobenzene-d5
 Concen: 100.481 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG031004.D
 Acq: 14 Nov 2017 10:58

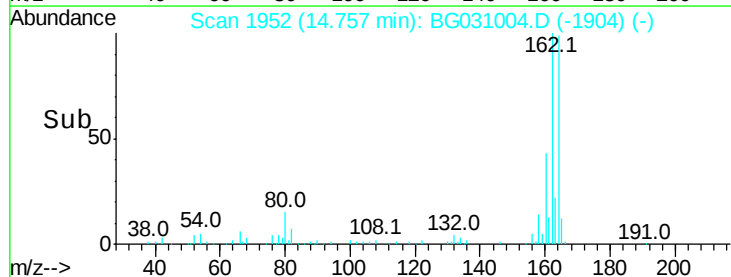
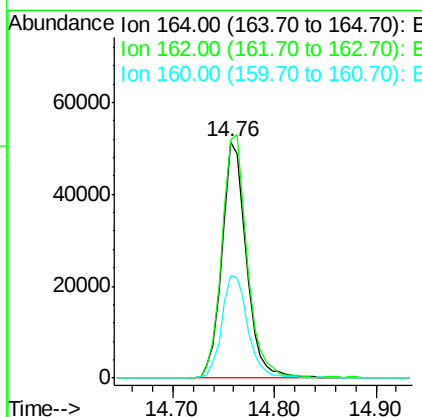
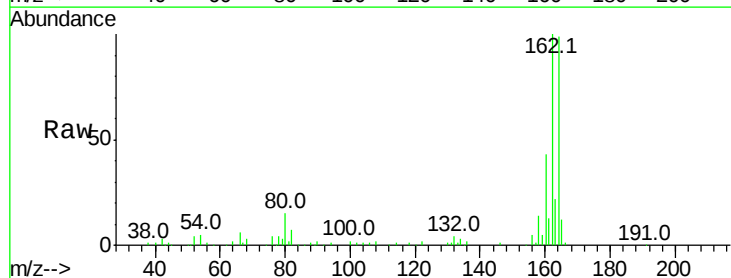
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	223678
Ion	Ratio	Lower	Upper
82	100		
128	44.2	29.7	44.5
54	49.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG031004.D
 Acq: 14 Nov 2017 10:58

Tgt Ion	164	Resp	85874
Ion	Ratio	Lower	Upper
164	100		
162	100.9	78.8	118.2
160	43.2	35.4	53.0

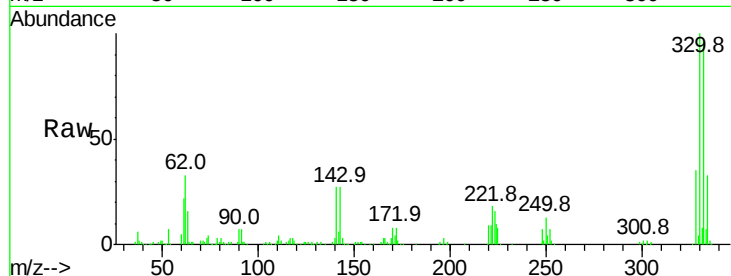




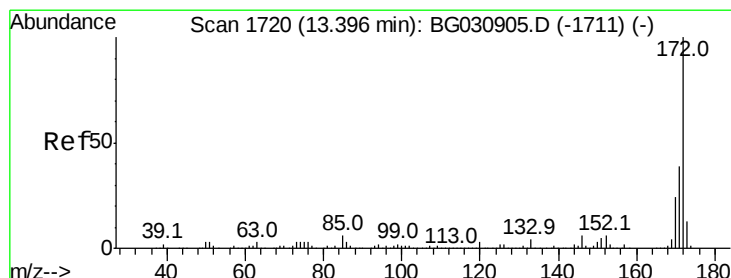
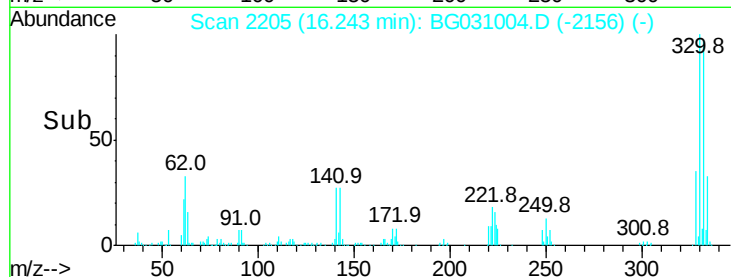
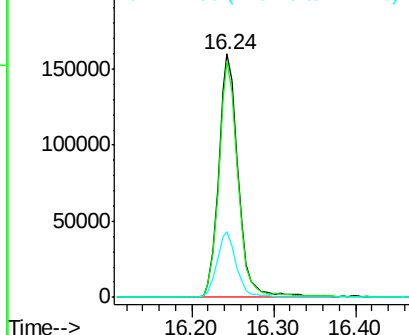
#41
 2,4,6-Tribromophenol
 Concen: 191.793 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031004.D
 Acq: 14 Nov 2017 10:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	26.6	25.2	37.8

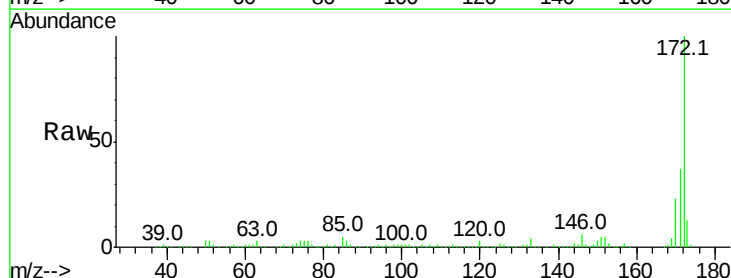


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

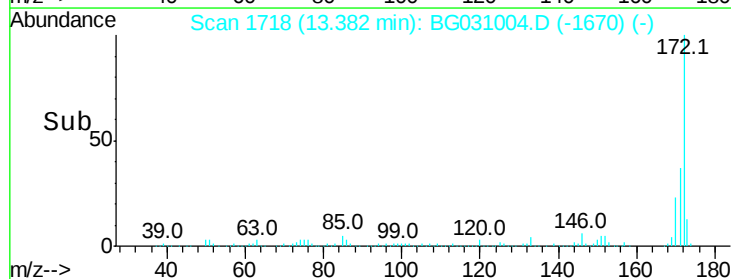
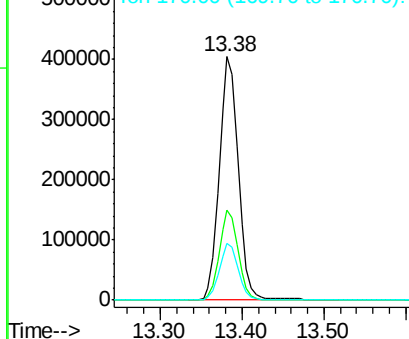


#44
 2-Fluorobiphenyl
 Concen: 110.233 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031004.D
 Acq: 14 Nov 2017 10:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	23.4	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

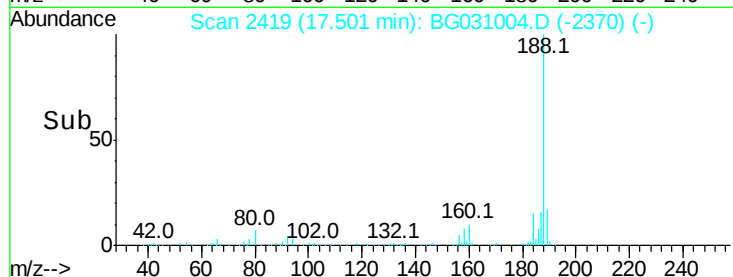
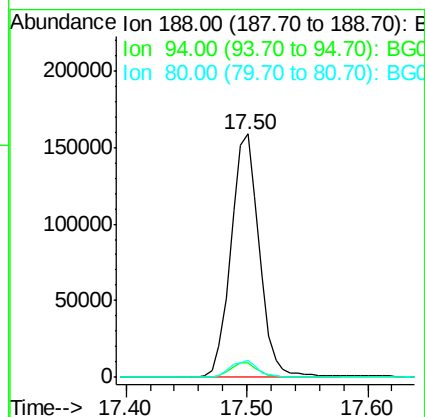
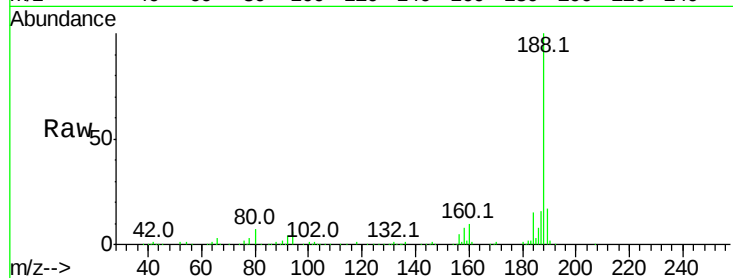




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG031004.D
Acq: 14 Nov 2017 10:58

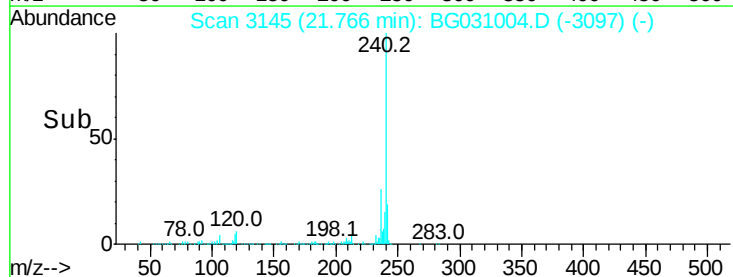
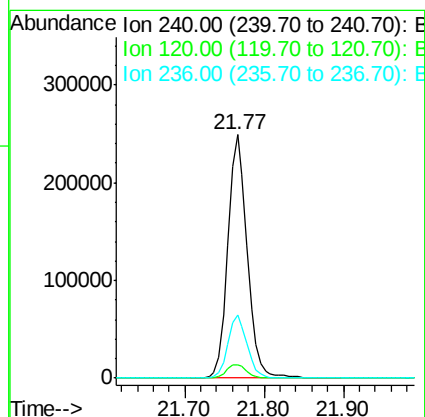
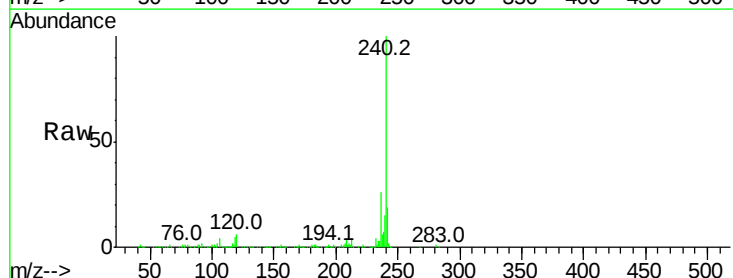
Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 259318
Ion Ratio Lower Upper
188 100
94 5.7 6.9 10.3#
80 6.9 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031004.D
Acq: 14 Nov 2017 10:58

Tgt Ion:240 Resp: 418959
Ion Ratio Lower Upper
240 100
120 5.6 6.8 10.2#
236 25.8 20.9 31.3





#78

Terphenyl-d14

Concen: 91.230 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031004.D

Acq: 14 Nov 2017 10:58

Instrument :

BNA_G

ClientSampleId :

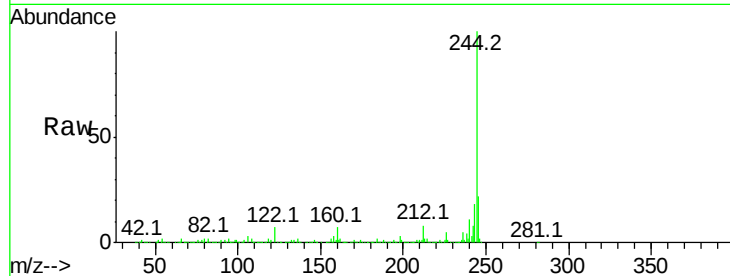
Tot Ion:244 Resp: 1730992

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

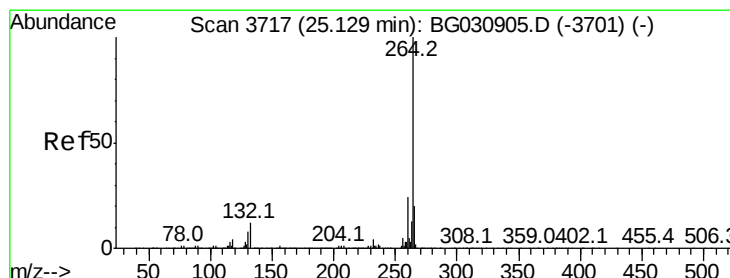
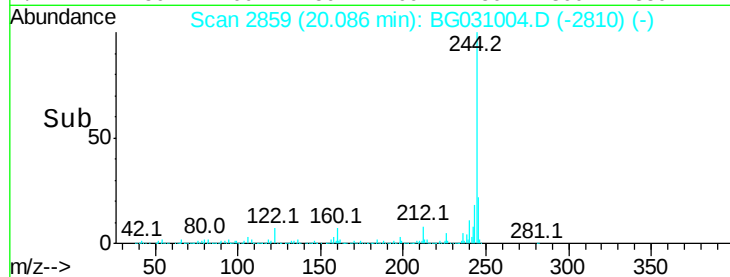
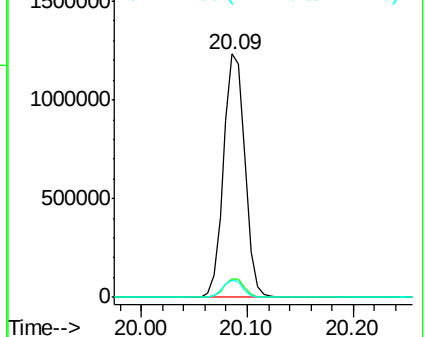
122 7.0 7.0 10.4



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: 20.000 ng

RT: 25.06 min Scan# 3706

Delta R.T. -0.03 min

Lab File: BG031004.D

Acq: 14 Nov 2017 10:58

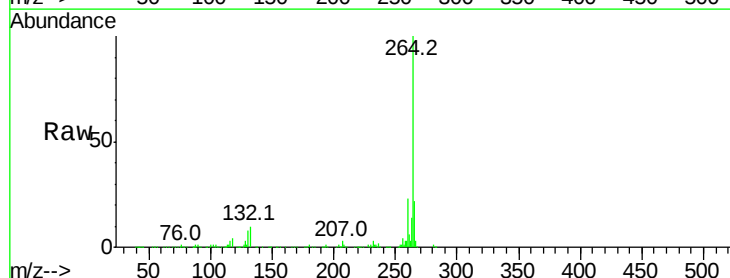
Tgt Ion:264 Resp: 410065

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 22.2 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

