

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111017\
 Data File : BG030926.D
 Acq On : 11 Nov 2017 3:22
 Operator : SJ/JU
 Sample : PB104155BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104155BL

Quant Time: Nov 13 02:52:01 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	8.15	152	36072	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	150102	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	99012	20.00	ng	-0.01
63) Phenanthrene-d10	17.51	188	275733	20.00	ng	0.00
75) Chrysene-d12	21.78	240	404520	20.00	ng	0.00
86) Perylene-d12	25.08	264	428037	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	224329	106.64	ng	0.00
7) Phenol-d6	7.31	99	279248	98.53	ng	0.00
23) Nitrobenzene-d5	9.31	82	165056	65.16	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	170181	106.25	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	493335	71.59	ng	-0.01
78) Terphenyl-d14	20.09	244	1117330	60.99	ng	0.00

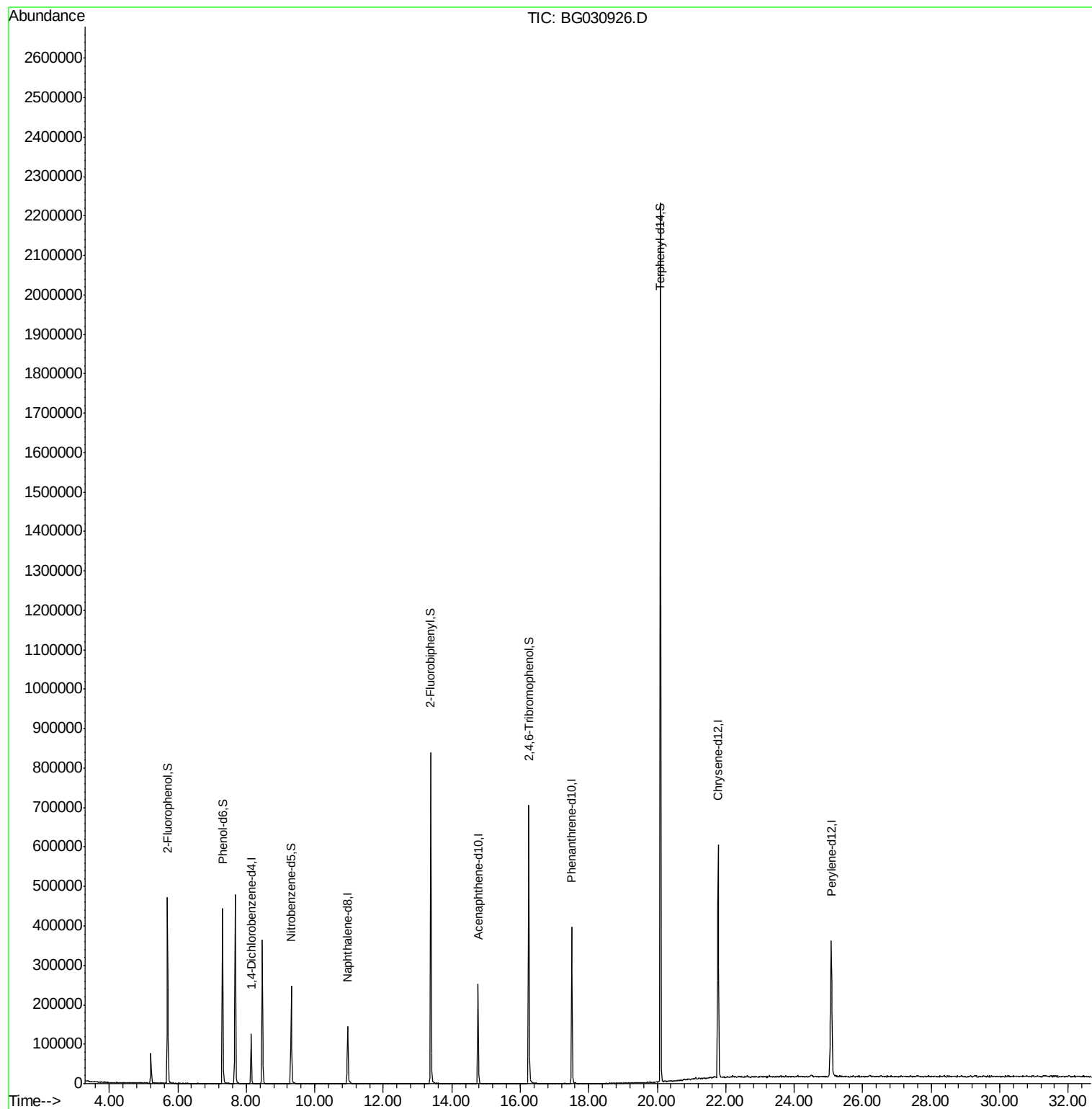
Target Compounds Qvalue

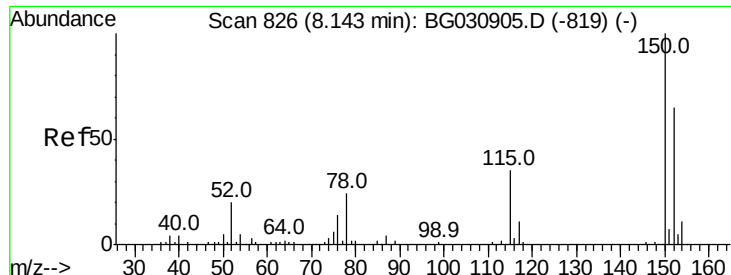
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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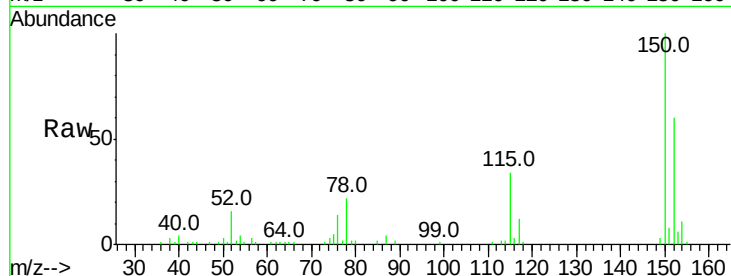


#1

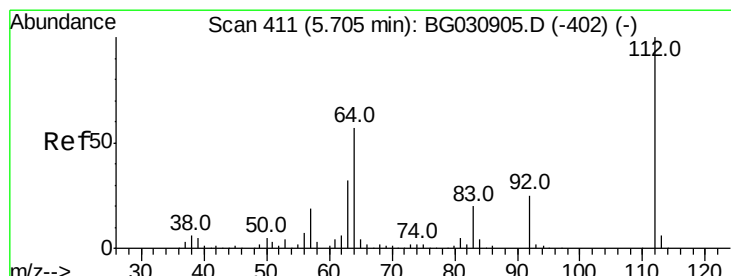
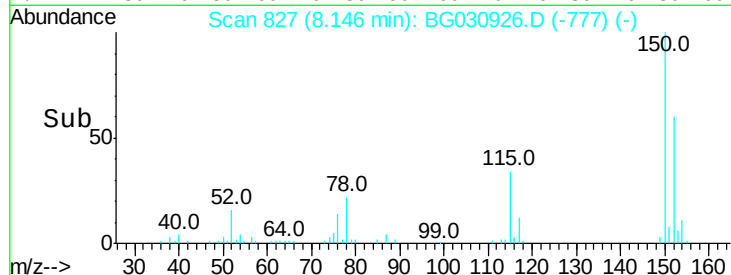
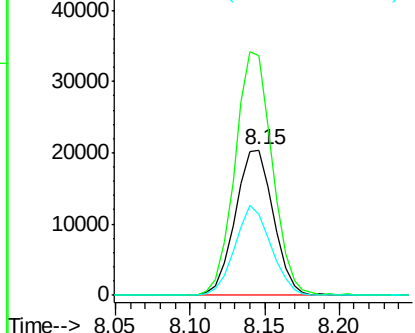
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.15 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BG030926.D
 Acq: 11 Nov 2017 3:22

Instrument :
 BNA_G
 ClientSampleId :
 PB104155BL

Tot Ion:152 Resp: 36072
 Ion Ratio Lower Upper
 152 100
 150 165.4 126.6 189.8
 115 55.5 53.0 79.4



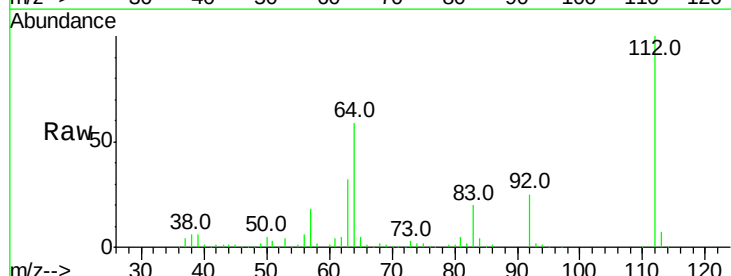
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



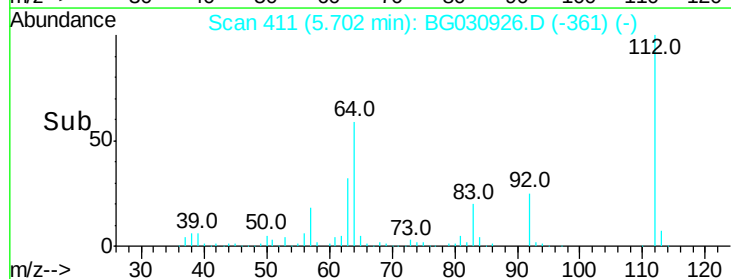
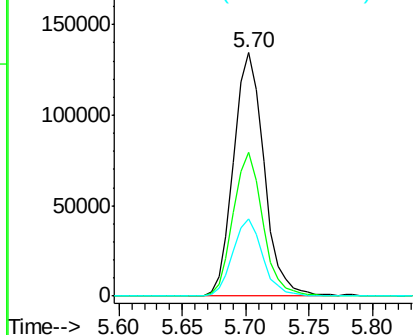
#5

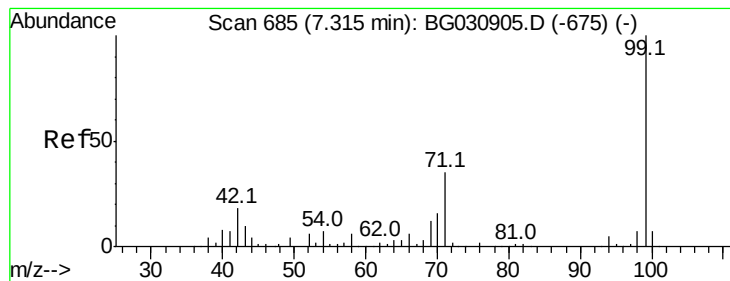
2-Fluorophenol
 Concen: 106.640 ng
 RT: 5.70 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: BG030926.D
 Acq: 11 Nov 2017 3:22

Tgt Ion:112 Resp: 224329
 Ion Ratio Lower Upper
 112 100
 64 58.8 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): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 98.534 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG030926.D

Acq: 11 Nov 2017 3:22

Instrument :

BNA_G

ClientSampleId :

PB104155BL

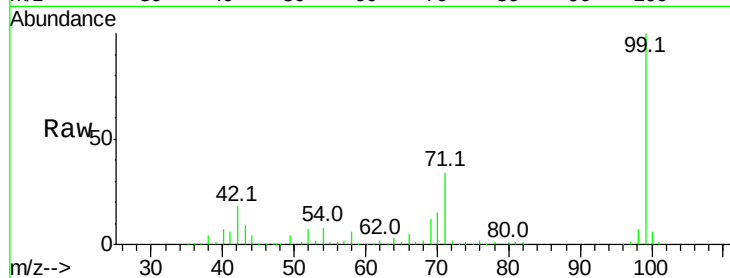
Tot Ion: 99 Resp: 279248

Ion Ratio Lower Upper

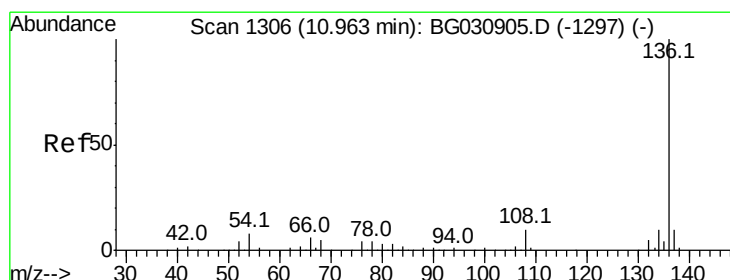
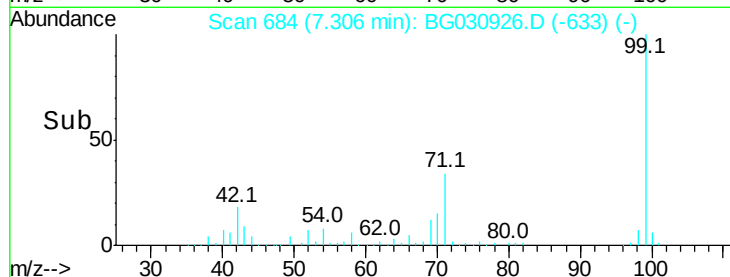
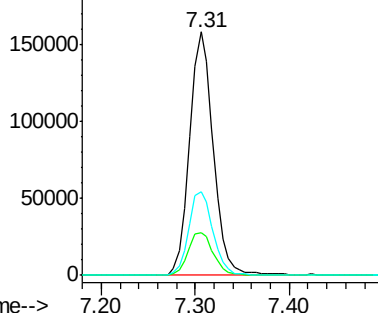
99 100

42 17.7 14.1 21.1

71 34.4 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: 20.000 ng

RT: 10.96 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG030926.D

Acq: 11 Nov 2017 3:22

Tgt Ion: 136 Resp: 150102

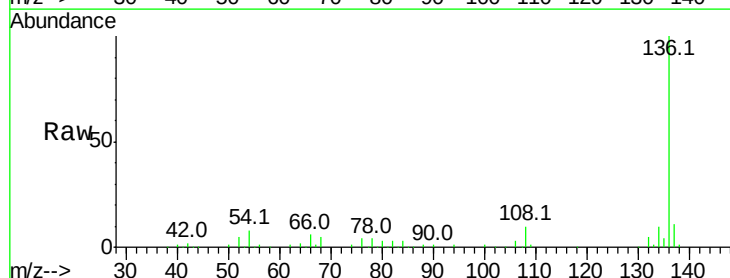
Ion Ratio Lower Upper

136 100

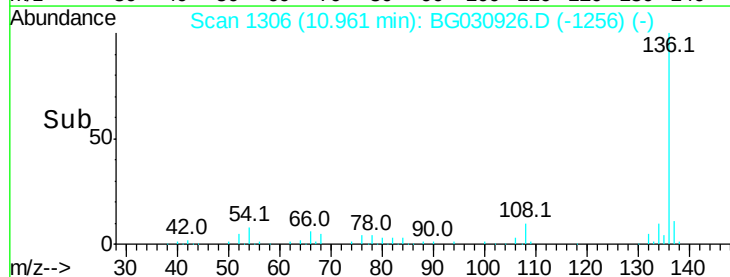
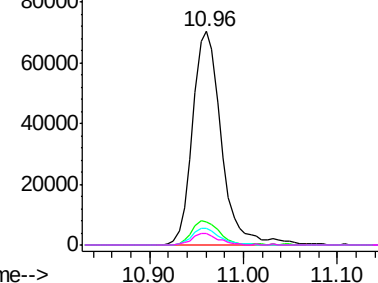
137 11.1 9.2 13.8

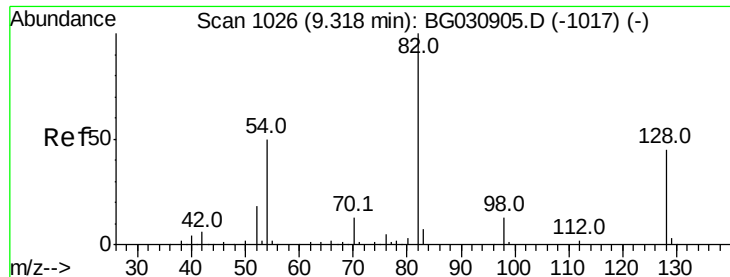
54 7.7 10.3 15.5#

68 5.2 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

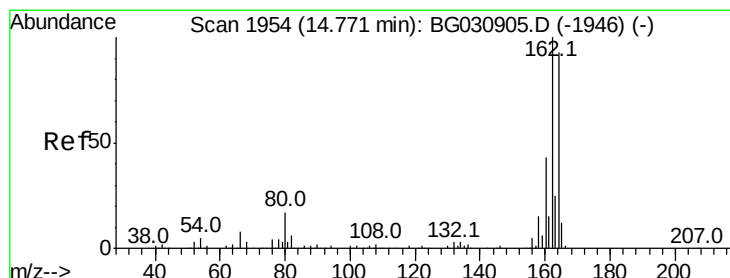
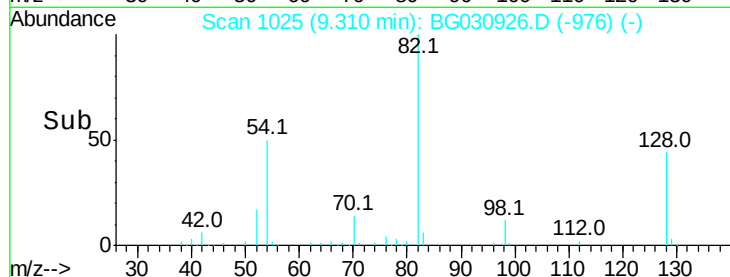
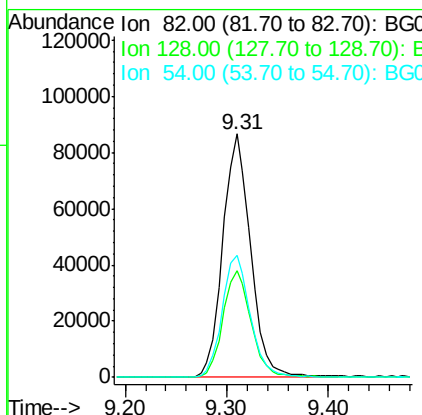
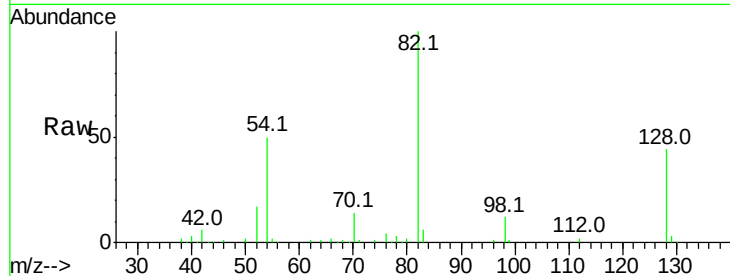




#23
 Nitrobenzene-d5
 Concen: 65.160 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG030926.D
 Acq: 11 Nov 2017 3:22

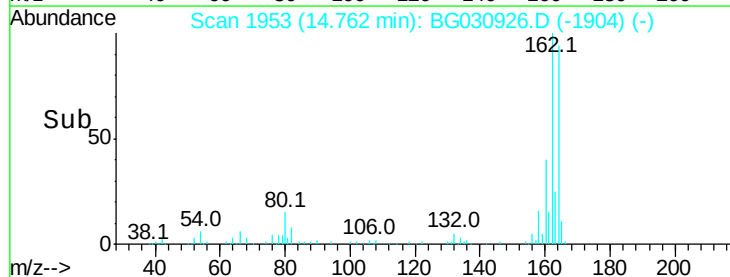
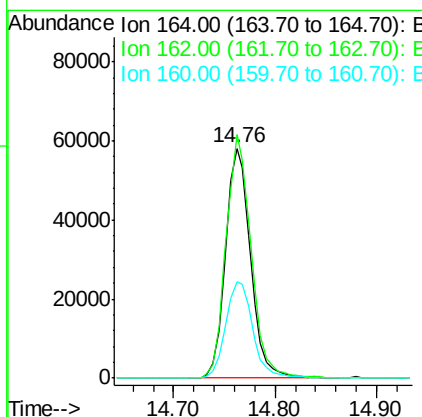
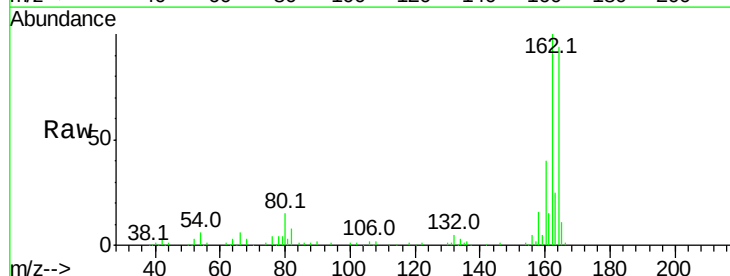
Instrument :
 BNA_G
 ClientSampleId :
 PB104155BL

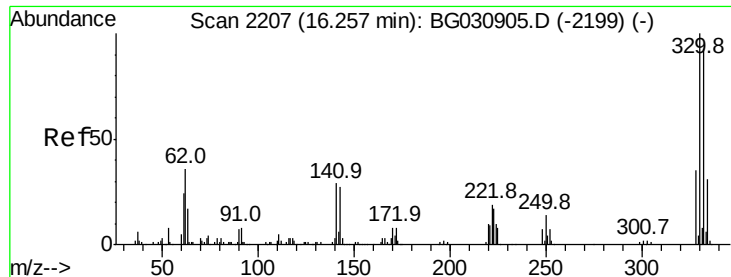
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	29.7	44.5
54	50.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG030926.D
 Acq: 11 Nov 2017 3:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	78.8	118.2
160	42.2	35.4	53.0

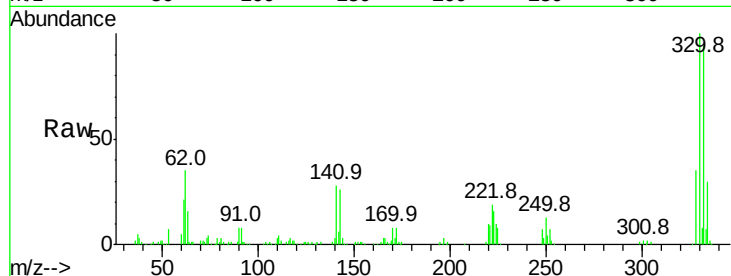




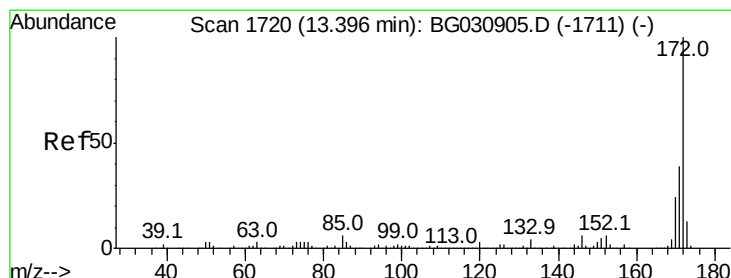
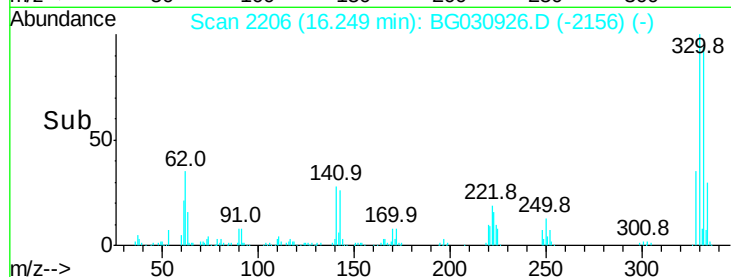
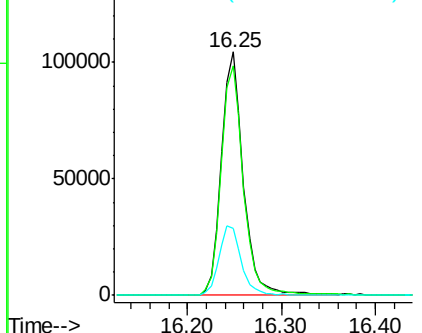
#41
 2,4,6-Tribromophenol
 Concen: 106.251 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG030926.D
 Acq: 11 Nov 2017 3:22

Instrument :
 BNA_G
 ClientSampled :
 PB104155BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	29.1	25.2	37.8

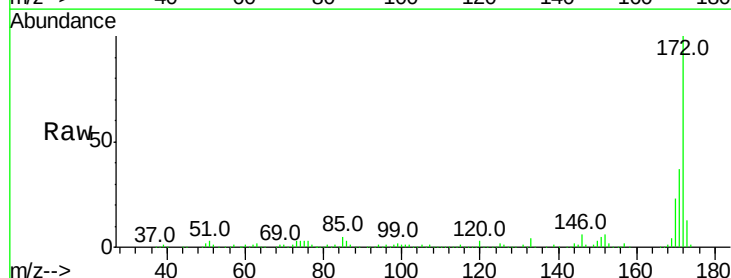


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

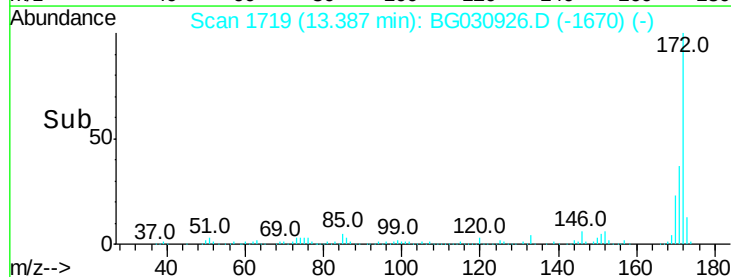
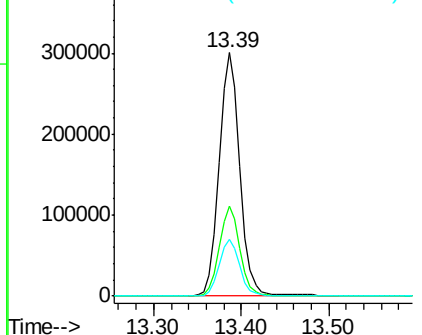


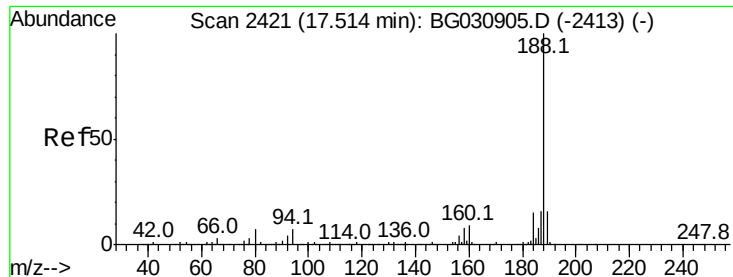
#44
 2-Fluorobiphenyl
 Concen: 71.594 ng
 RT: 13.39 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG030926.D
 Acq: 11 Nov 2017 3:22

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: 17.51 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BG030926.D

Acq: 11 Nov 2017 3:22

Instrument :

BNA_G

ClientSampleId :

PB104155BL

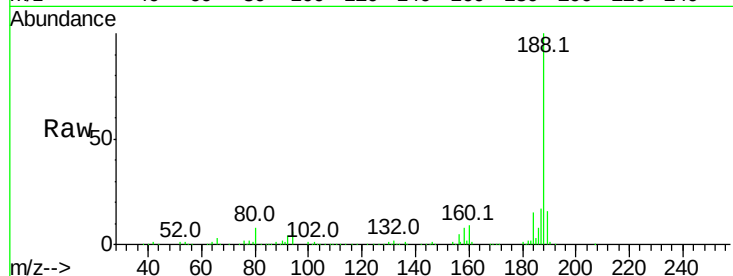
Tot Ion:188 Resp: 275733

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

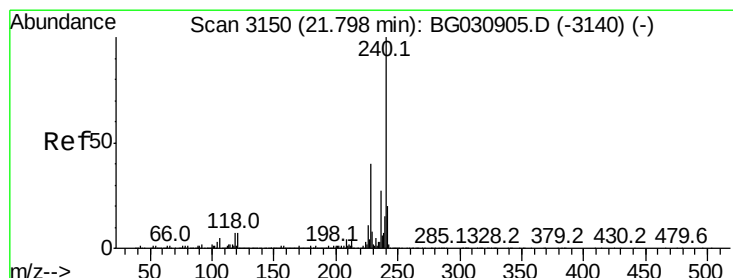
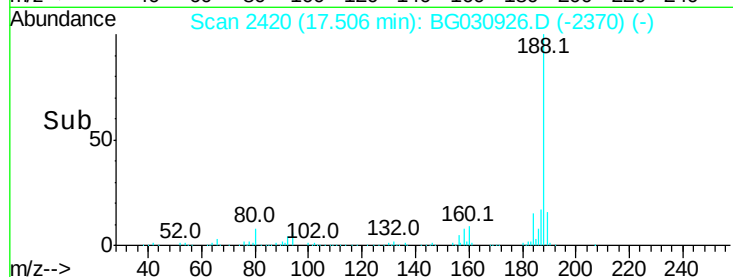
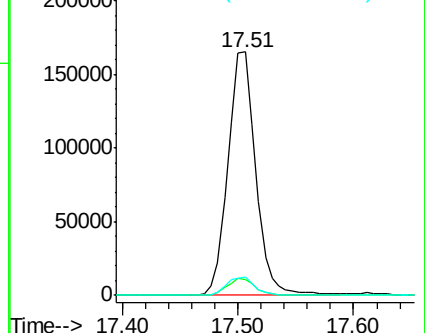
80 7.6 7.7 11.5#



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: 21.78 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG030926.D

Acq: 11 Nov 2017 3:22

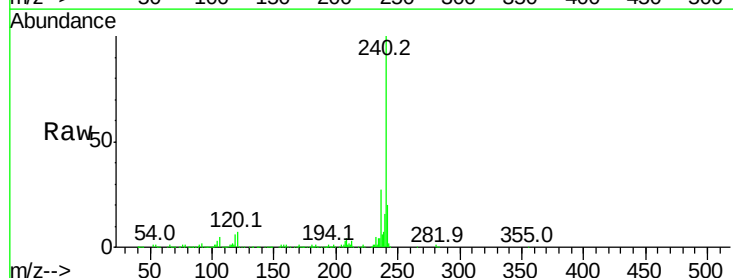
Tgt Ion:240 Resp: 404520

Ion Ratio Lower Upper

240 100

120 7.4 6.8 10.2

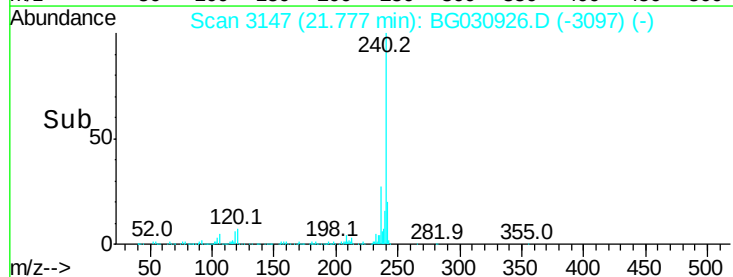
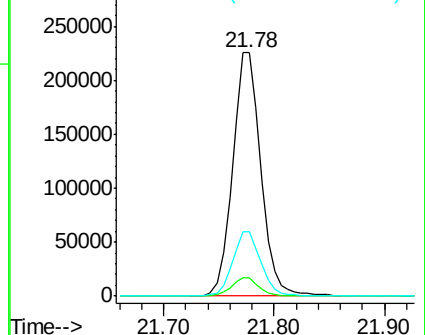
236 26.6 20.9 31.3

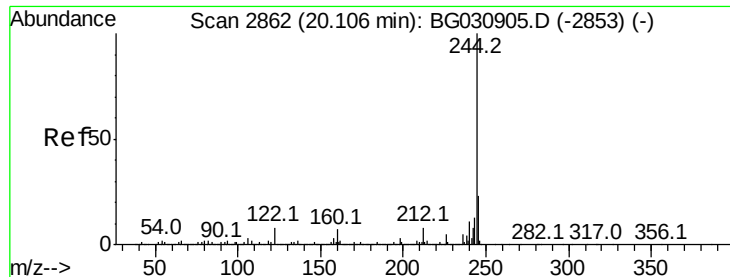


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 60.990 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG030926.D

Acq: 11 Nov 2017 3:22

Instrument :

BNA_G

ClientSampled :

PB104155BL

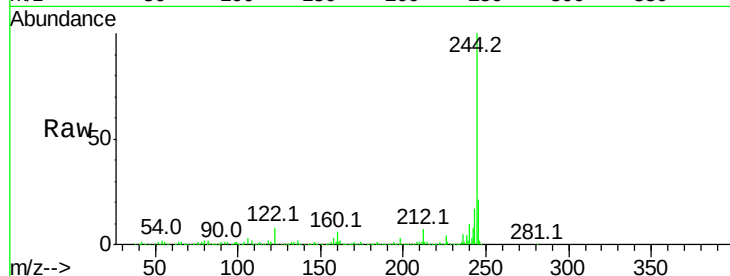
Tot Ion:244 Resp: 1117330

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

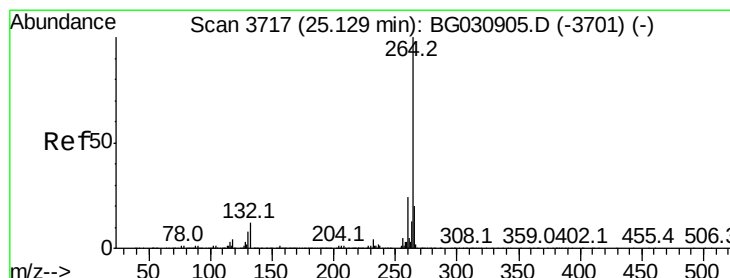
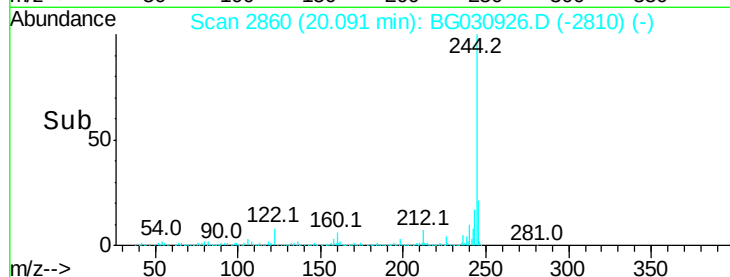
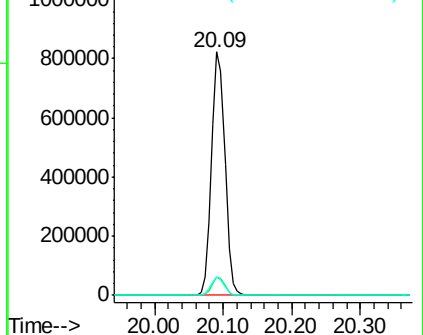
122 7.5 7.0 10.4



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: 20.000 ng

RT: 25.08 min Scan# 3709

Delta R.T. -0.01 min

Lab File: BG030926.D

Acq: 11 Nov 2017 3:22

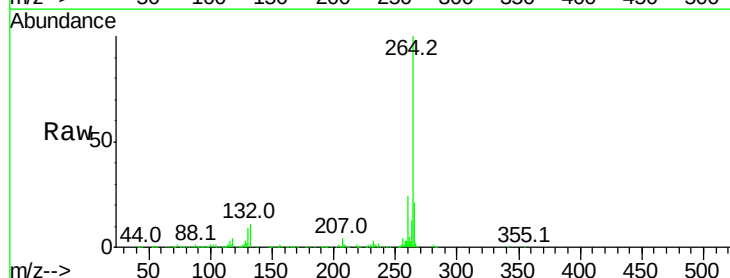
Tgt Ion:264 Resp: 428037

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 21.3 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

