

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111317\
 Data File : BG030971.D
 Acq On : 13 Nov 2017 13:54
 Operator : SJ/JU
 Sample : PB104196BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104196BL

Quant Time: Nov 14 05:03:26 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	45575	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	187692	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	122707	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	341600	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	461263	20.00	ng	-0.01
86) Perylene-d12	25.07	264	463049	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	224140	84.33	ng	0.00
7) Phenol-d6	7.31	99	274307	76.61	ng	0.00
23) Nitrobenzene-d5	9.31	82	164670	51.99	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	186957	94.18	ng	-0.01
44) 2-Fluorobiphenyl	13.39	172	493231	57.76	ng	-0.01
78) Terphenyl-d14	20.09	244	1105290	52.91	ng	0.00

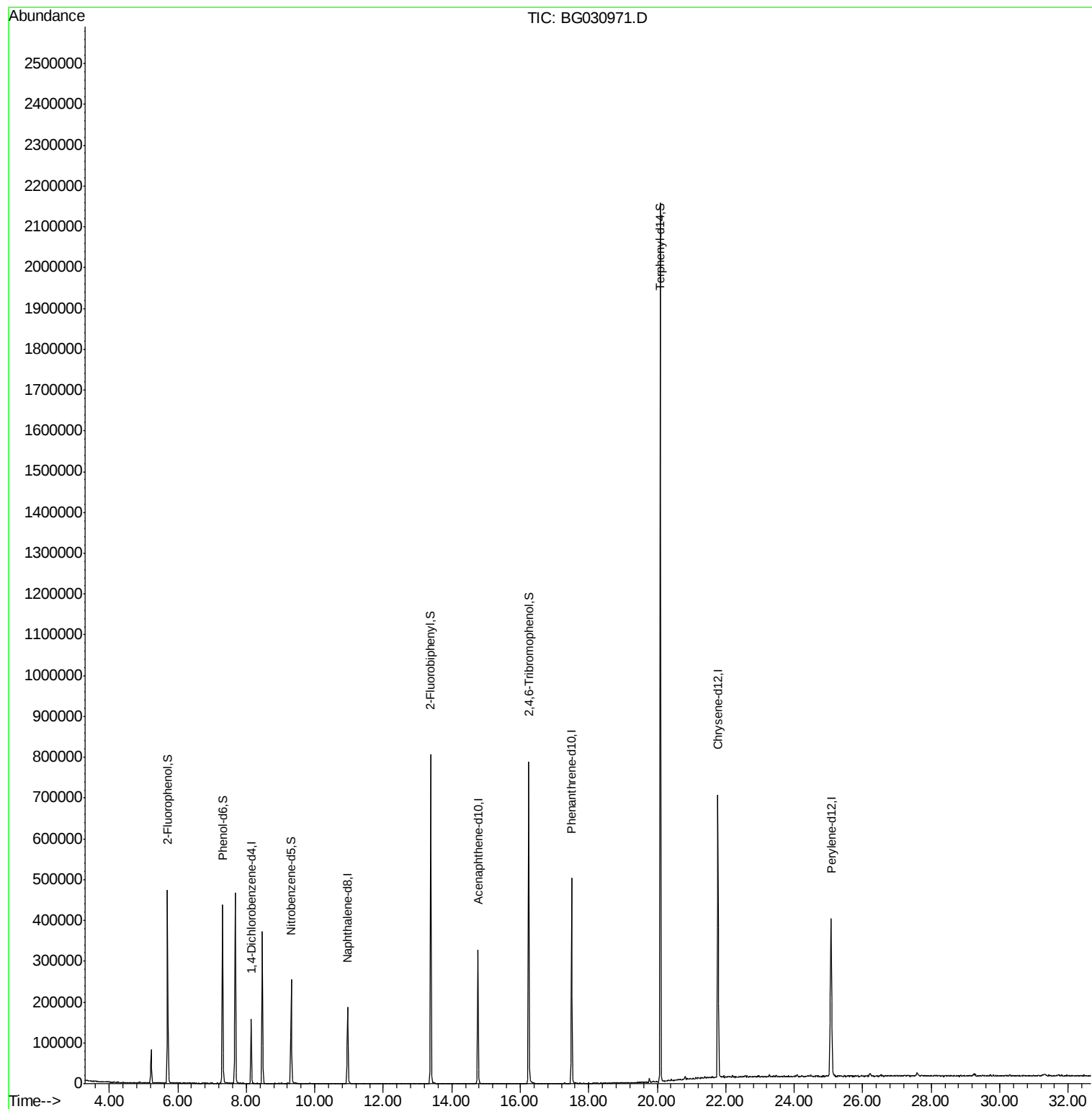
Target Compounds Qvalue

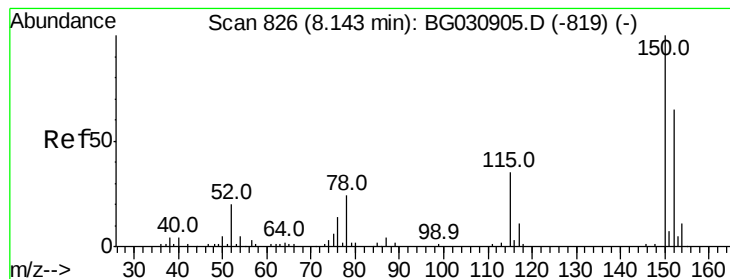
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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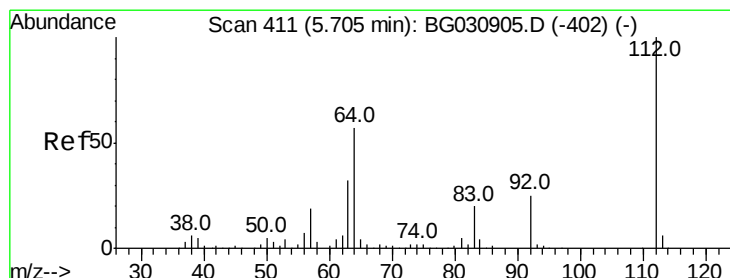
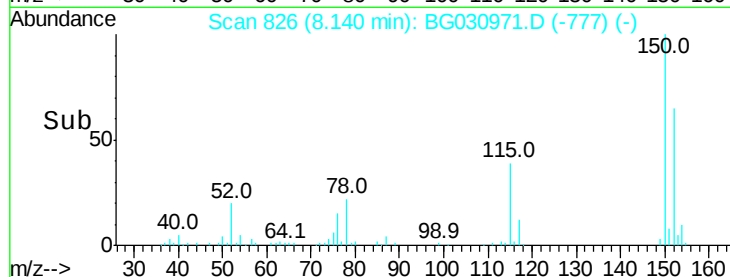
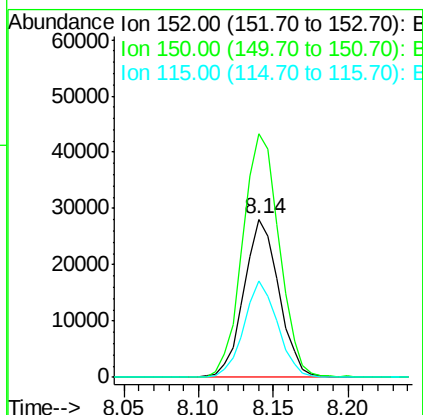
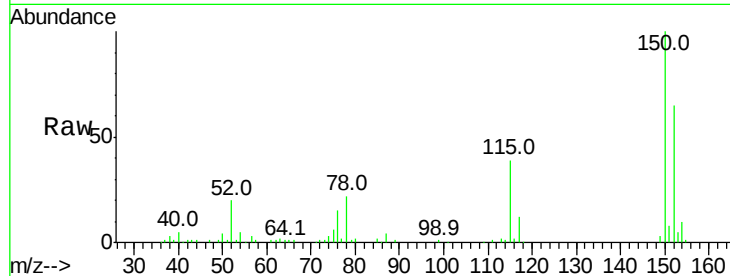


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030971.D
Acq: 13 Nov 2017 13:54

Instrument :
BNA_G
ClientSampleId :
PB104196BL

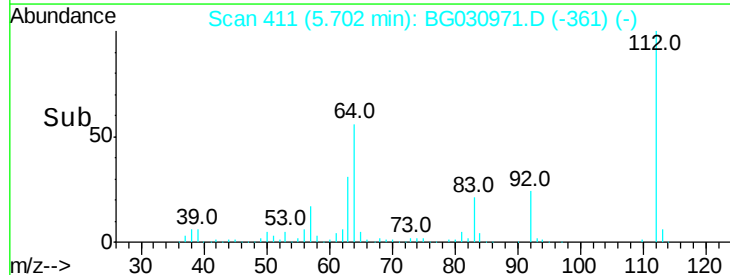
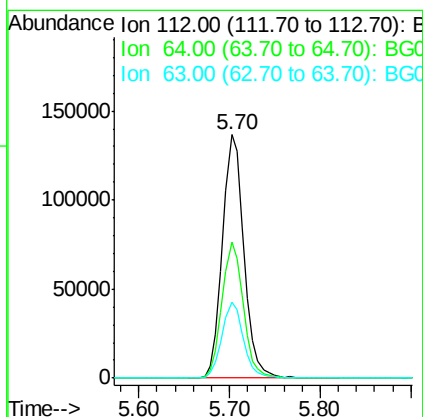
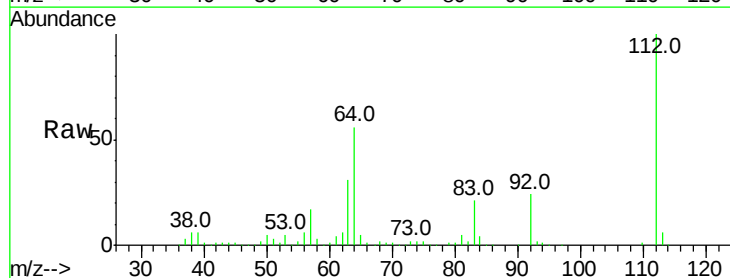
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	126.6	189.8
115	60.7	53.0	79.4

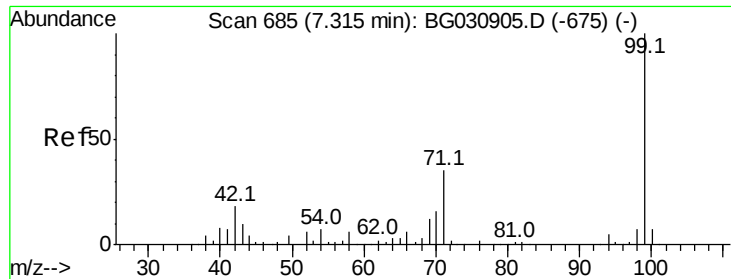


#5

2-Fluorophenol
Concen: 84.333 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.01 min
Lab File: BG030971.D
Acq: 13 Nov 2017 13:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	56.3	84.5#
63	31.2	30.1	45.1





#7

Phenol-d6

Concen: 76.608 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG030971.D

Acq: 13 Nov 2017 13:54

Instrument :

BNA_G

ClientSampleId :

PB104196BL

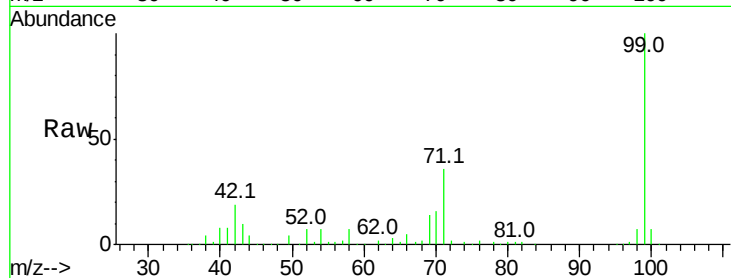
Tot Ion: 99 Resp: 274307

Ion Ratio Lower Upper

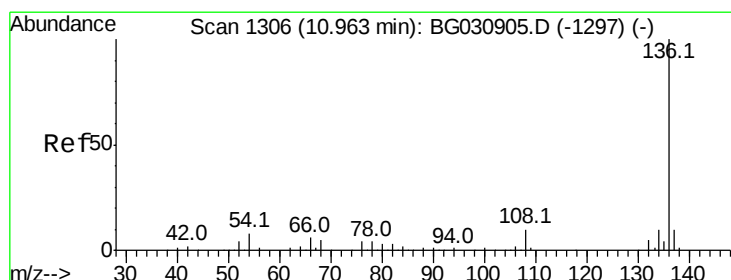
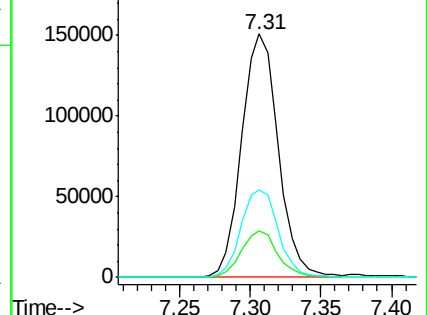
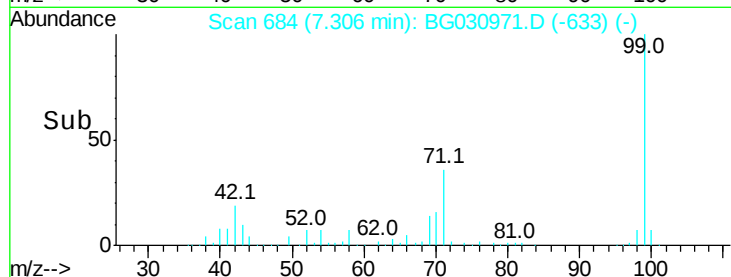
99 100

42 19.1 14.1 21.1

71 35.8 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: 10.95 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG030971.D

Acq: 13 Nov 2017 13:54

Tgt Ion: 136 Resp: 187692

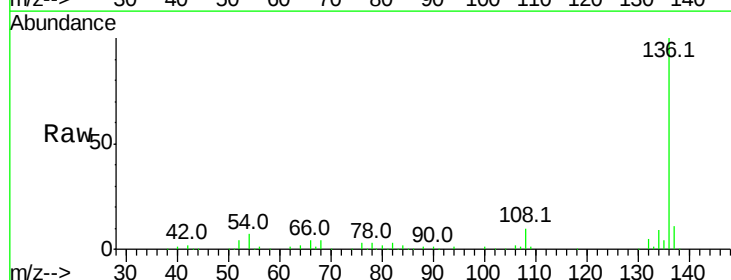
Ion Ratio Lower Upper

136 100

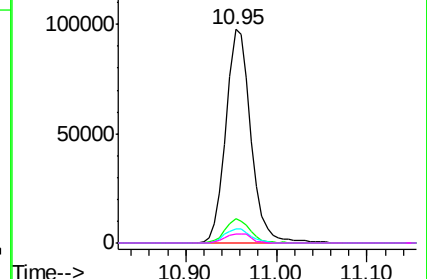
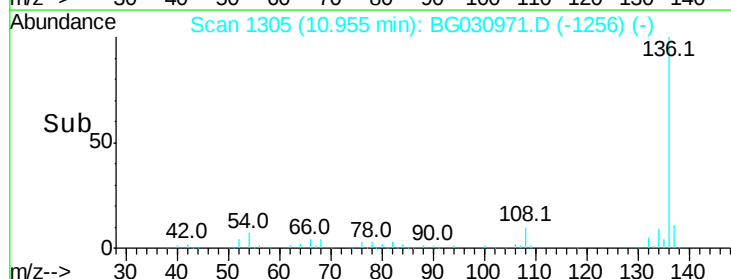
137 11.4 9.2 13.8

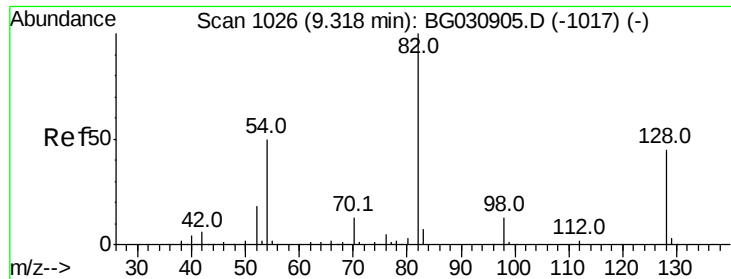
54 6.5 10.3 15.5#

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

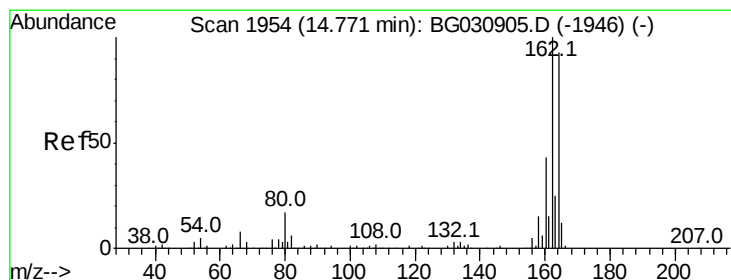
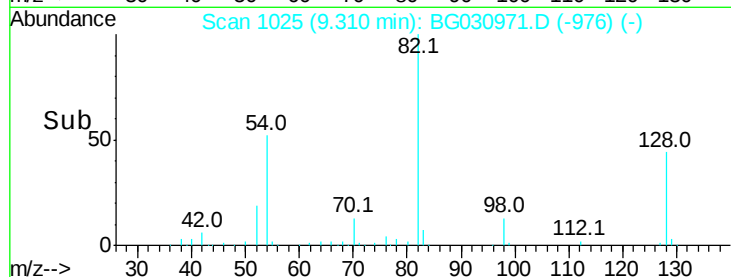
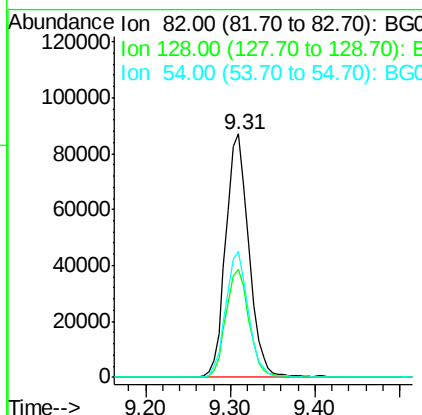
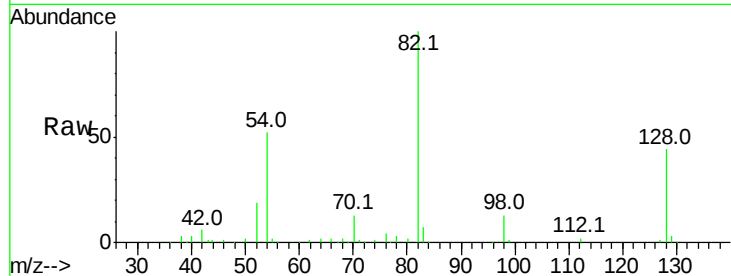




#23
 Nitrobenzene-d5
 Concen: 51.988 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG030971.D
 Acq: 13 Nov 2017 13:54

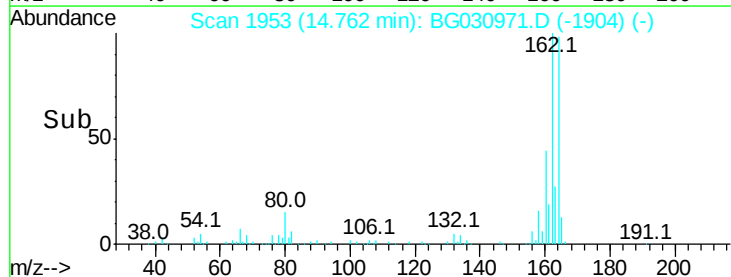
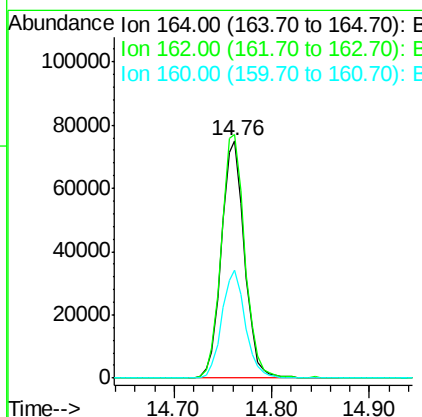
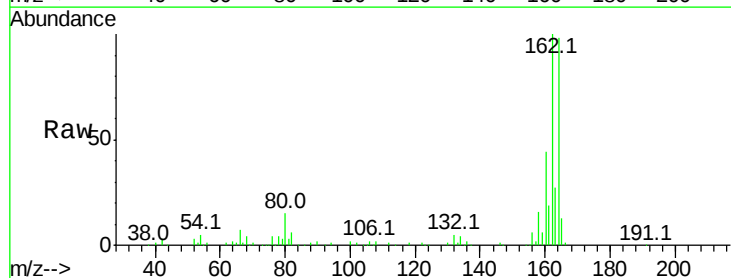
Instrument :
 BNA_G
 ClientSampleId :
 PB104196BL

Tot Ion	82	Resp	164670
Ion Ratio	Lower	Upper	
82	100		
128	44.3	29.7	44.5
54	51.6	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: BG030971.D
 Acq: 13 Nov 2017 13:54

Tgt Ion	164	Resp	122707
Ion Ratio	Lower	Upper	
164	100		
162	102.5	78.8	118.2
160	45.4	35.4	53.0

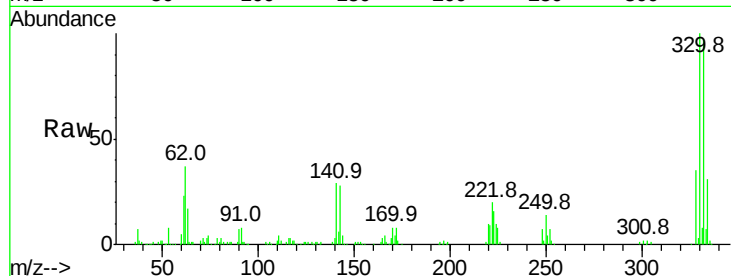




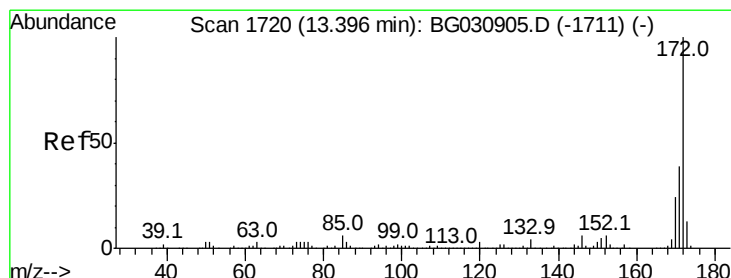
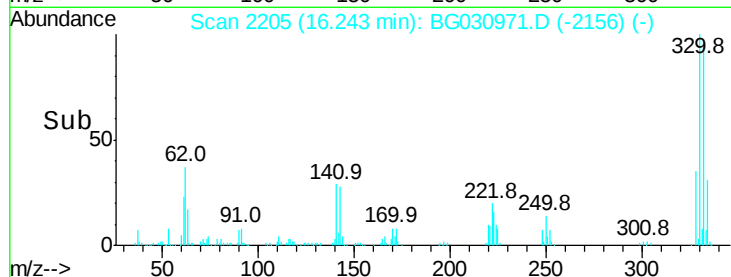
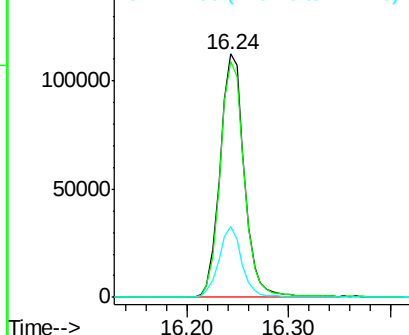
#41
 2,4,6-Tribromophenol
 Concen: 94.185 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG030971.D
 Acq: 13 Nov 2017 13:54

Instrument :
 BNA_G
 ClientSampleId :
 PB104196BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	27.6	25.2	37.8

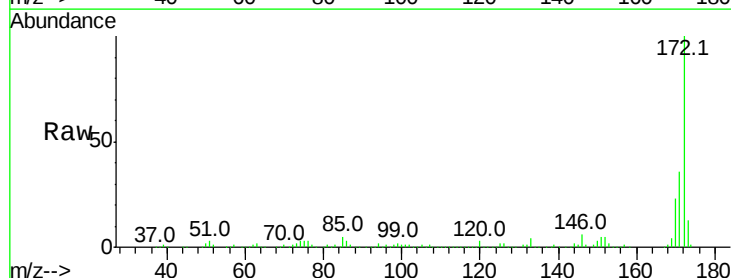


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

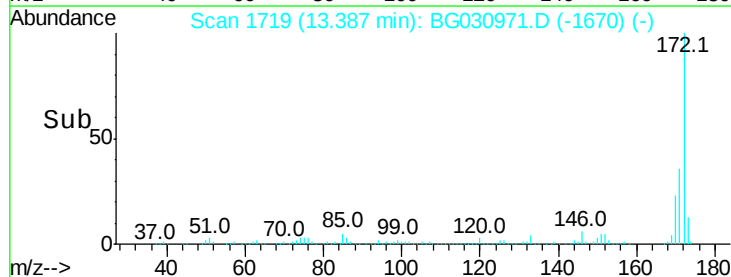
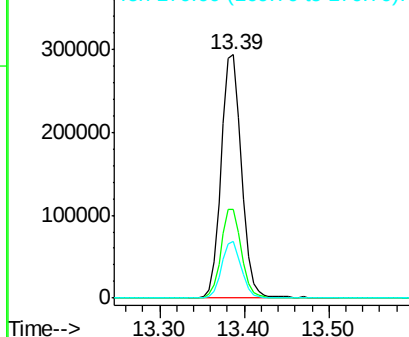


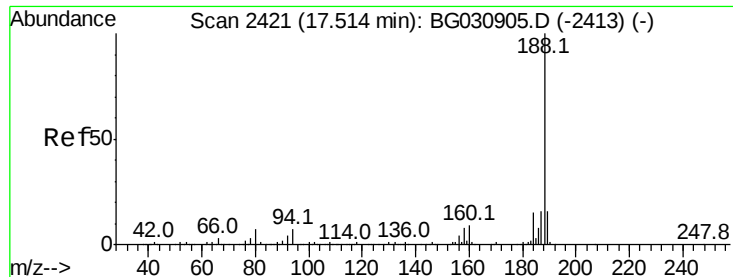
#44
 2-Fluorobiphenyl
 Concen: 57.757 ng
 RT: 13.39 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG030971.D
 Acq: 13 Nov 2017 13:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	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: BG030971.D

Acq: 13 Nov 2017 13:54

Instrument :

BNA_G

ClientSampleId :

PB104196BL

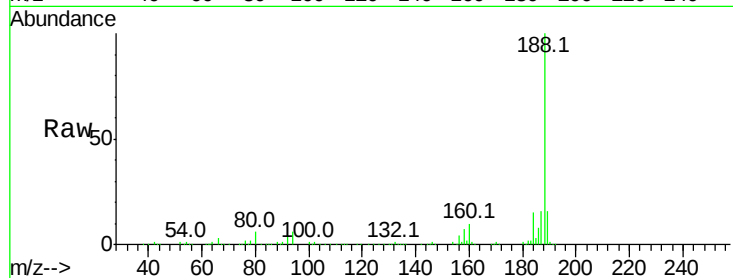
Tot Ion:188 Resp: 341600

Ion Ratio Lower Upper

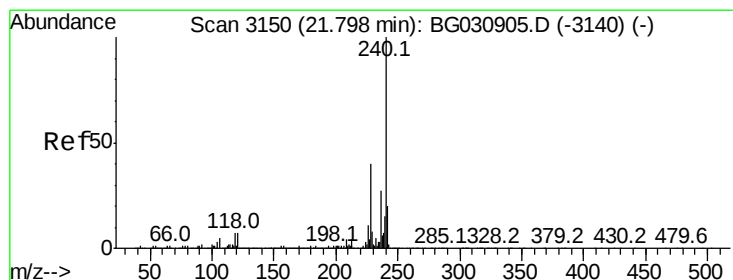
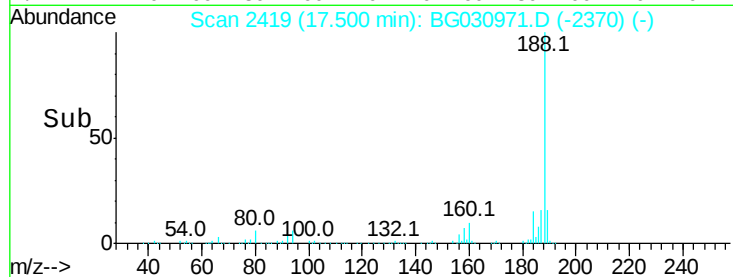
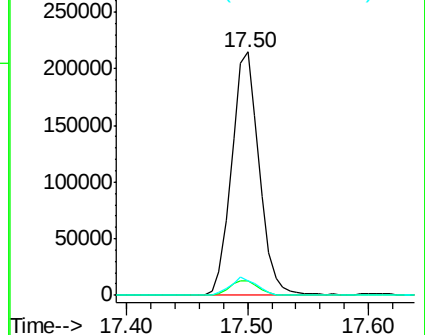
188 100

94 5.7 6.9 10.3#

80 6.1 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: BG030971.D

Acq: 13 Nov 2017 13:54

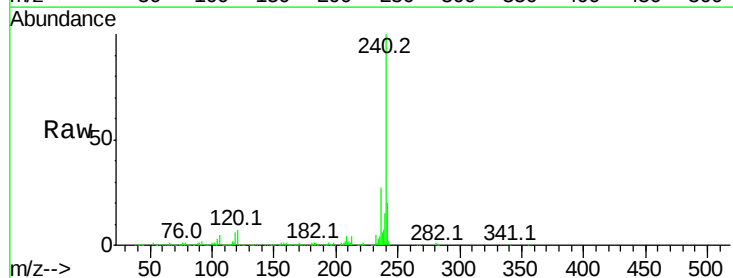
Tgt Ion:240 Resp: 461263

Ion Ratio Lower Upper

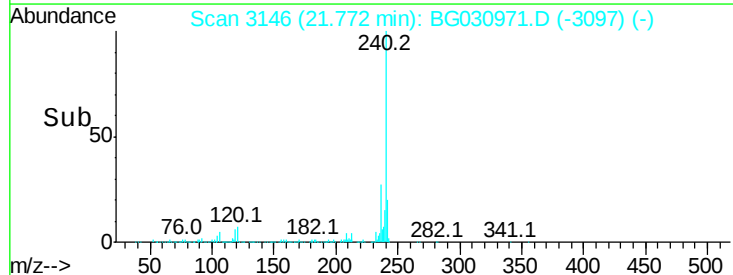
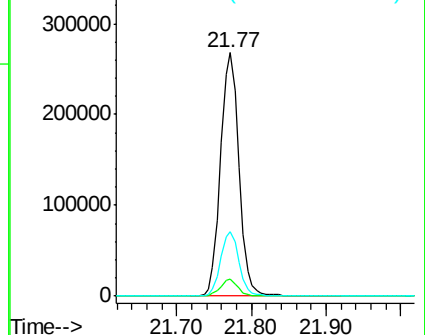
240 100

120 6.7 6.8 10.2#

236 26.7 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: 52.911 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG030971.D

Acq: 13 Nov 2017 13:54

Instrument :

BNA_G

ClientSampleId :

PB104196BL

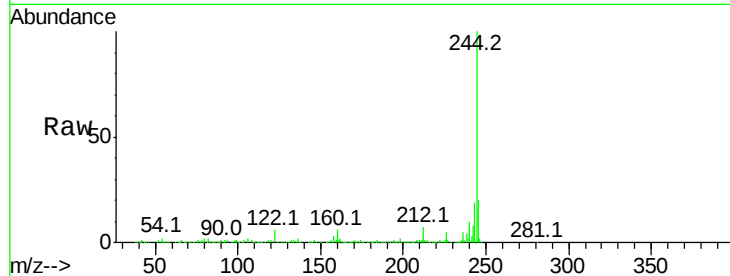
Tot Ion:244 Resp: 1105290

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

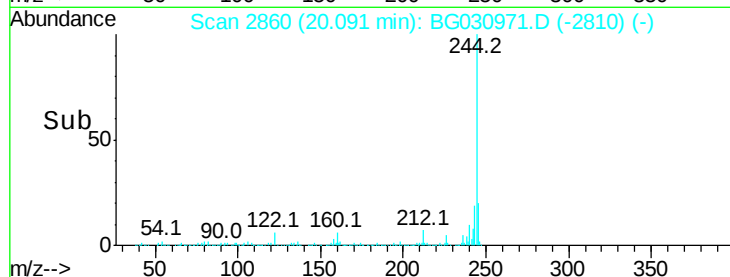
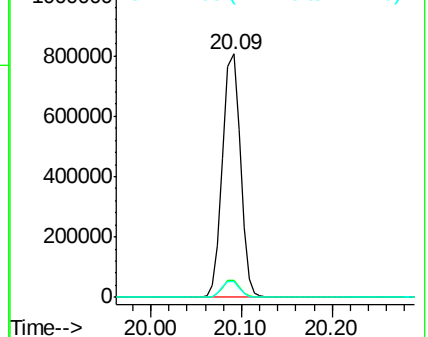
122 6.3 7.0 10.4#



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: 25.07 min Scan# 3708

Delta R.T. -0.02 min

Lab File: BG030971.D

Acq: 13 Nov 2017 13:54

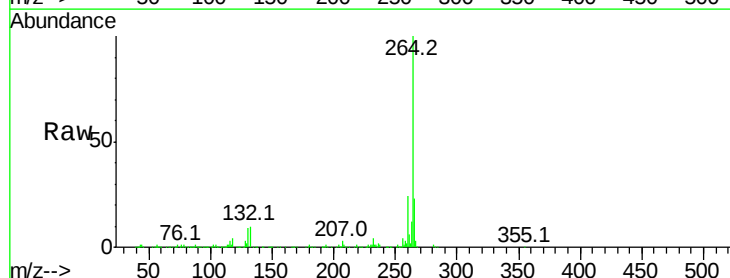
Tgt Ion:264 Resp: 463049

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 23.1 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

