

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
 Data File : BG030954.D
 Acq On : 11 Nov 2017 22:07
 Operator : SJ/JU
 Sample : PB104196TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104196TB

Quant Time: Nov 13 03:23:34 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	35325	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	148809	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	101767	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	301224	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	411514	20.00	ng	-0.01
86) Perylene-d12	25.07	264	417343	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	213412	103.60	ng	0.00
7) Phenol-d6	7.30	99	267269	96.30	ng	0.00
23) Nitrobenzene-d5	9.30	82	151221	60.22	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	155645	94.54	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	478707	67.59	ng	-0.02
78) Terphenyl-d14	20.09	244	1144987	61.44	ng	0.00

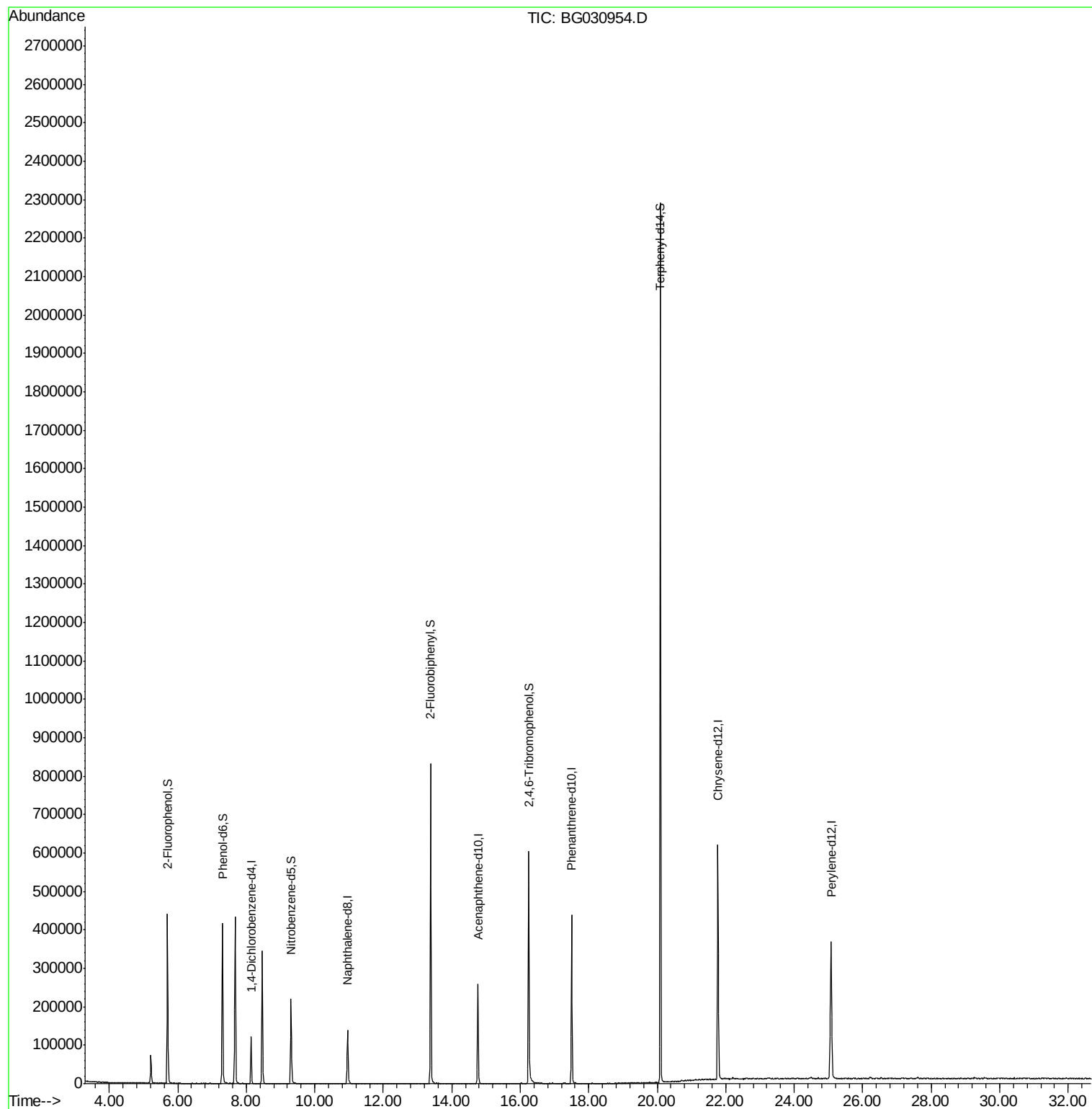
Target Compounds Qvalue

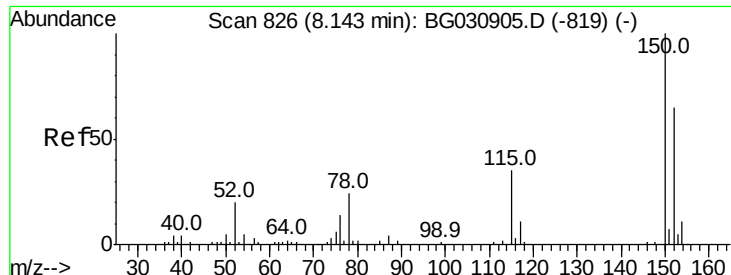
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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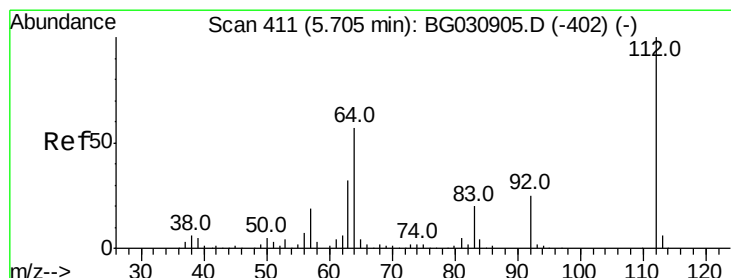
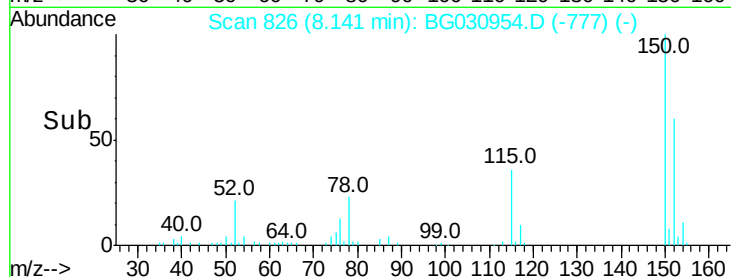
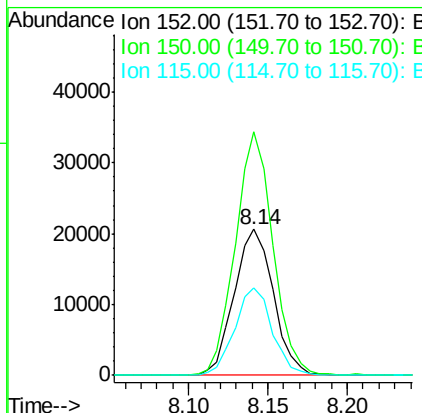
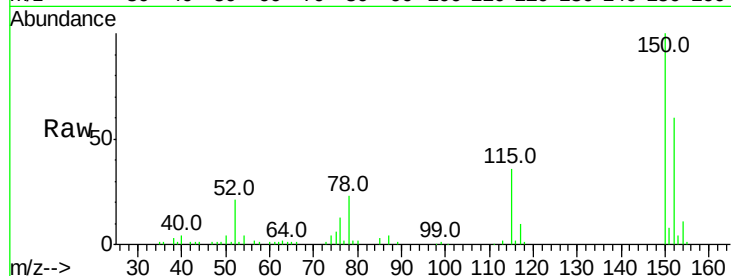


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG030954.D
 Acq: 11 Nov 2017 22:07

Instrument :
 BNA_G
 ClientSampleId :
 PB104196TB

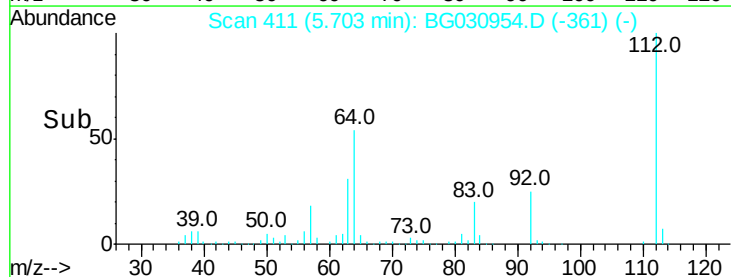
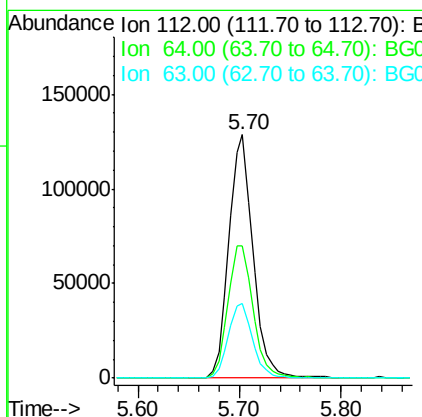
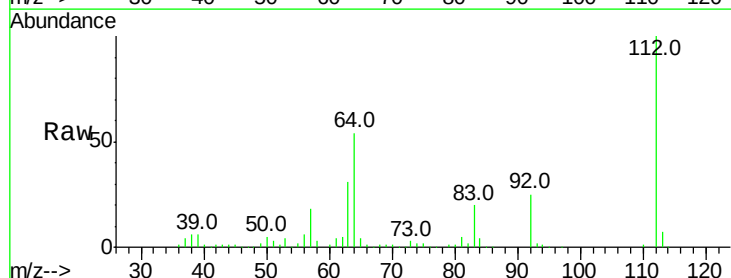
Tot Ion	Ratio	Lower	Upper
152	100		
150	166.7	126.6	189.8
115	60.3	53.0	79.4

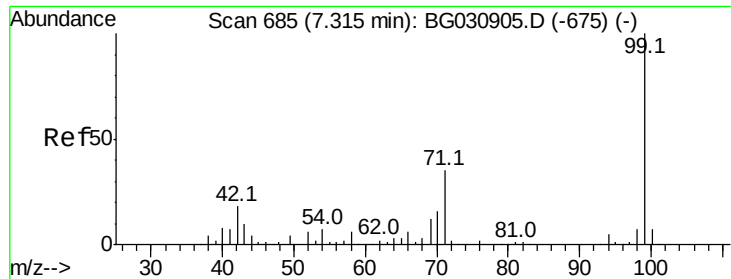


#5

2-Fluorophenol
 Concen: 103.595 ng
 RT: 5.70 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: BG030954.D
 Acq: 11 Nov 2017 22:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	56.3	84.5#
63	30.5	30.1	45.1





#7

Phenol-d6

Concen: 96.301 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG030954.D

Acq: 11 Nov 2017 22:07

Instrument :

BNA_G

ClientSampleId :

PB104196TB

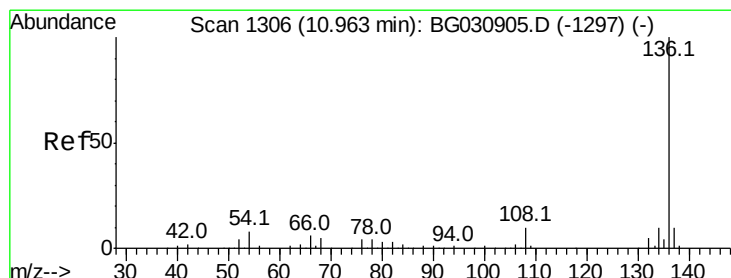
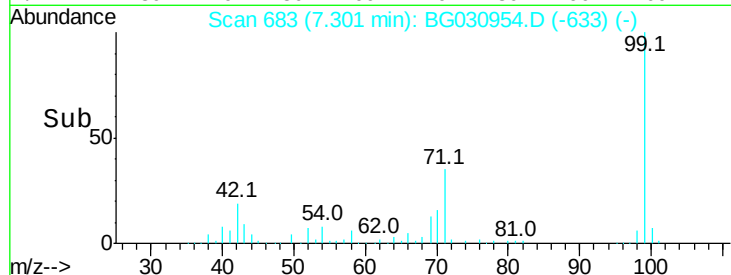
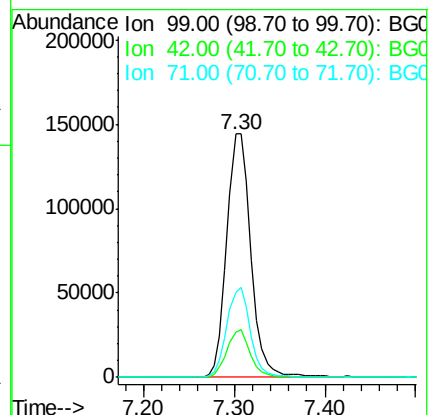
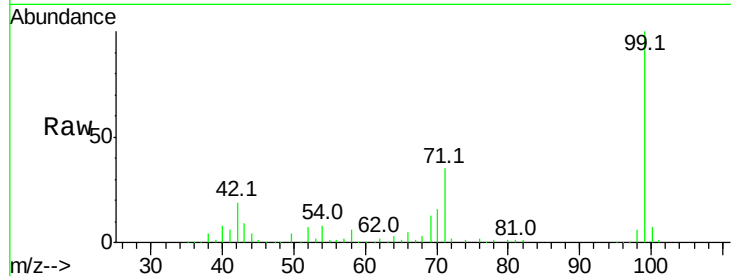
Tot Ion: 99 Resp: 267269

Ion Ratio Lower Upper

99 100

42 18.7 14.1 21.1

71 35.0 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG030954.D

Acq: 11 Nov 2017 22:07

Tgt Ion: 136 Resp: 148809

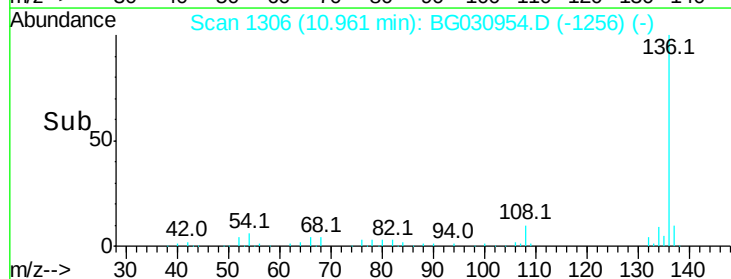
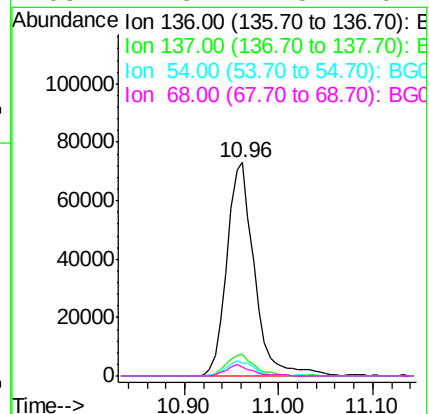
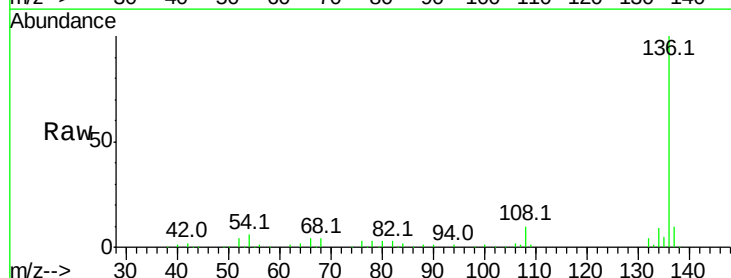
Ion Ratio Lower Upper

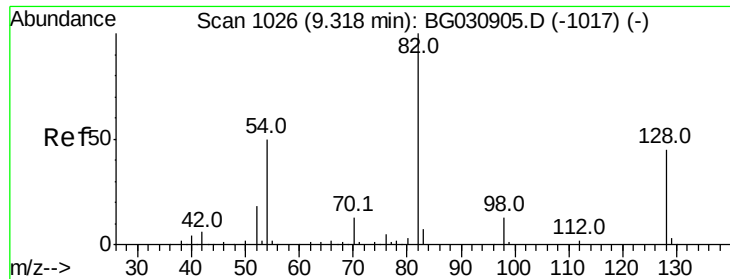
136 100

137 10.3 9.2 13.8

54 5.8 10.3 15.5#

68 4.3 4.5 6.7#

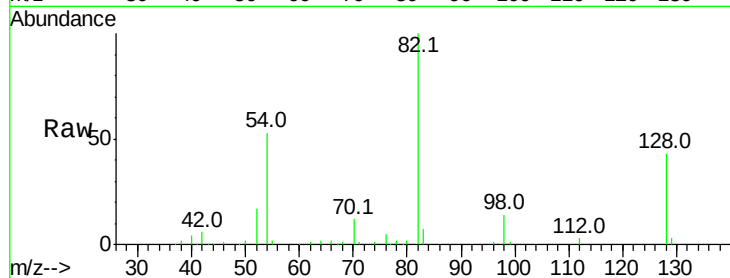




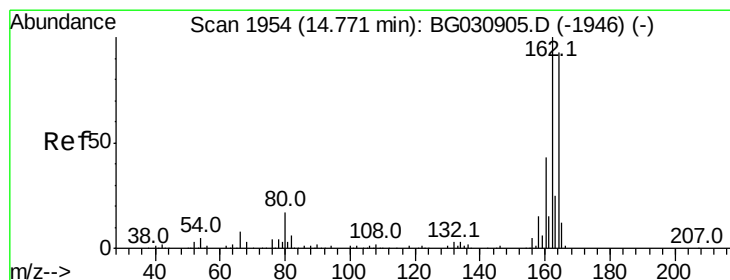
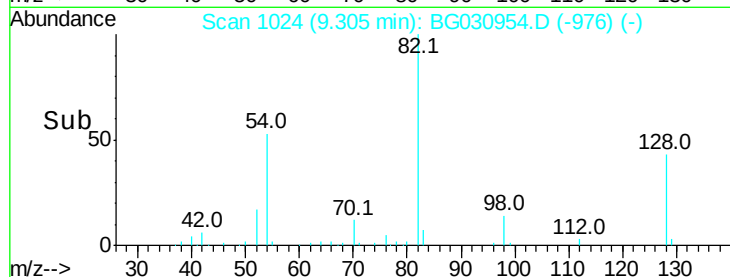
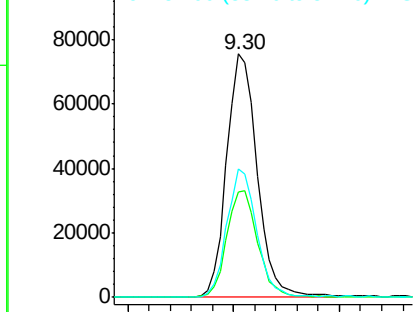
#23
 Nitrobenzene-d5
 Concen: 60.217 ng
 RT: 9.30 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG030954.D
 Acq: 11 Nov 2017 22:07

Instrument :
 BNA_G
 ClientSampleId :
 PB104196TB

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	29.7	44.5
54	52.8	43.1	64.7

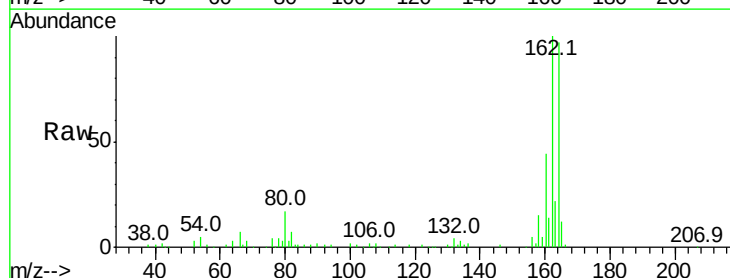


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

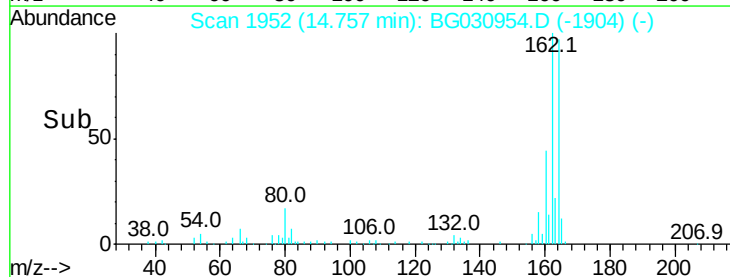
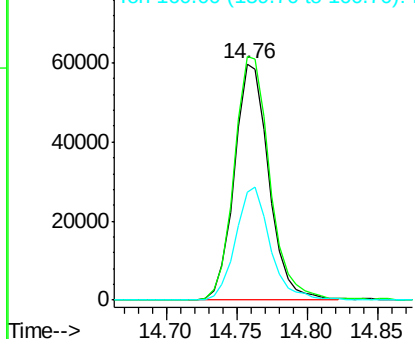


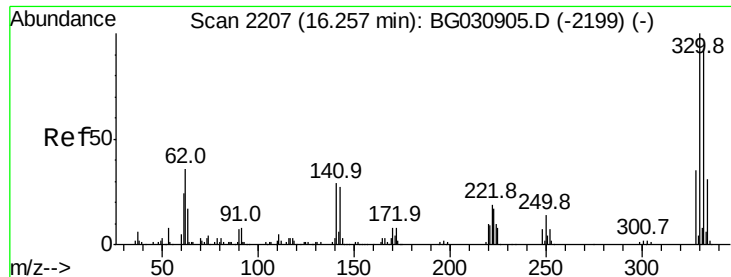
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG030954.D
 Acq: 11 Nov 2017 22:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	78.8	118.2
160	45.7	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

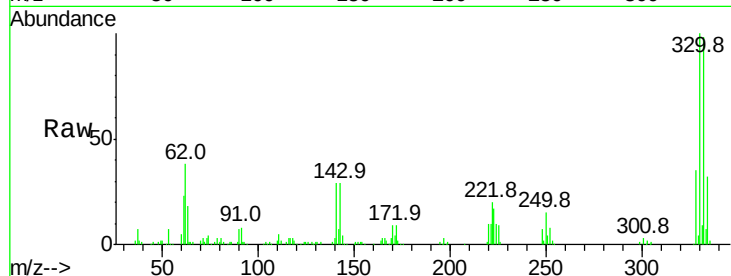




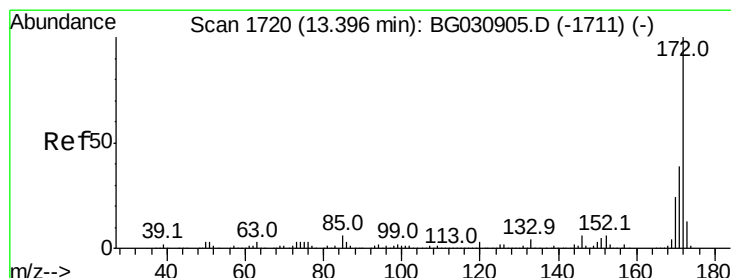
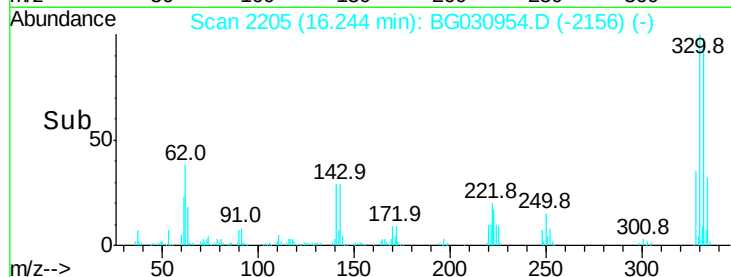
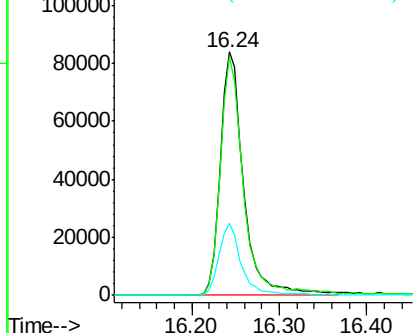
#41
 2,4,6-Tribromophenol
 Concen: 94.545 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG030954.D
 Acq: 11 Nov 2017 22:07

Instrument :
 BNA_G
 ClientSampled :
 PB104196TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	28.3	25.2	37.8

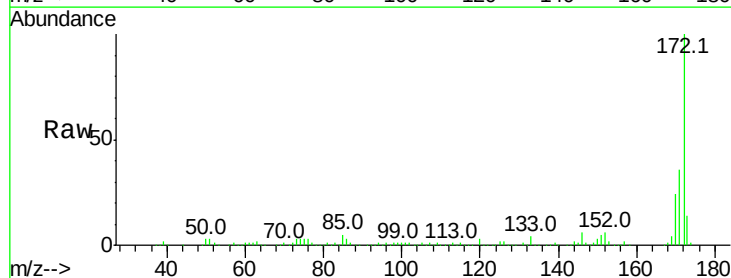


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

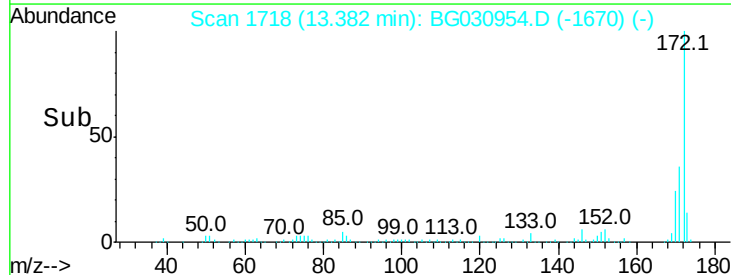
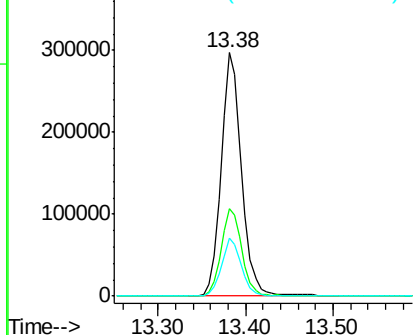


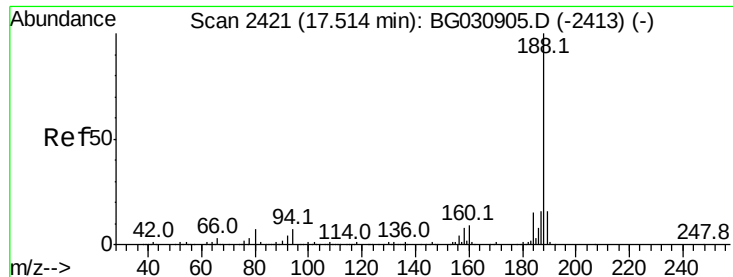
#44
 2-Fluorobiphenyl
 Concen: 67.591 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG030954.D
 Acq: 11 Nov 2017 22:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.0	45.0
170	23.6	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

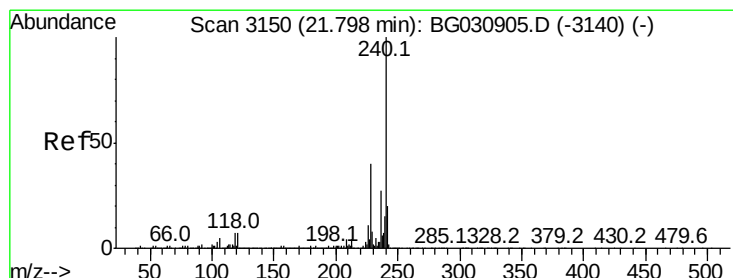
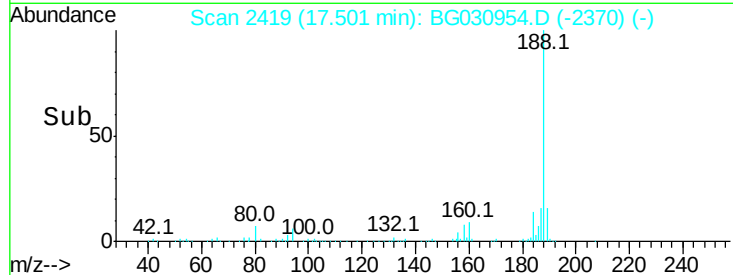
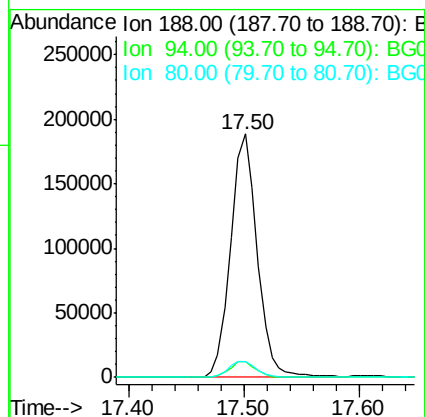
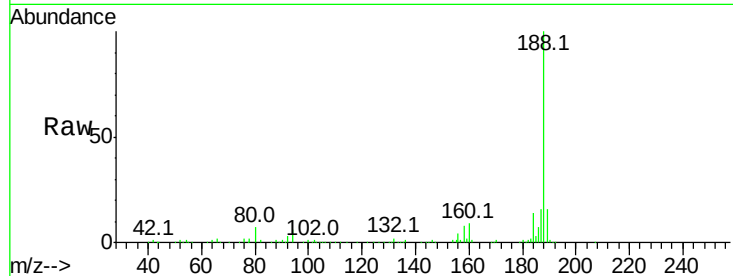




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG030954.D
 Acq: 11 Nov 2017 22:07

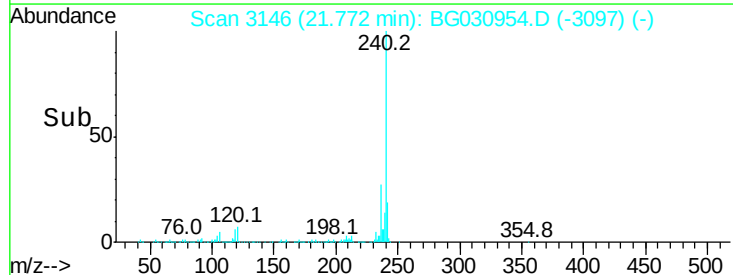
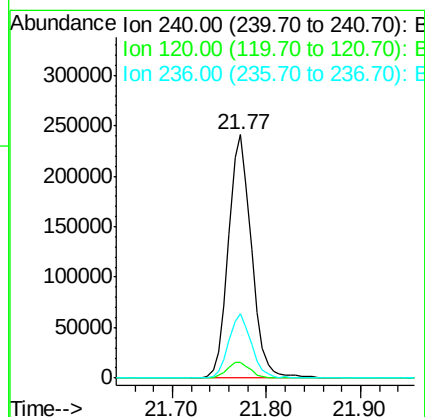
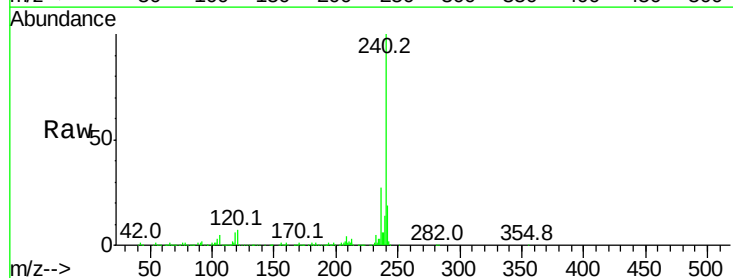
Instrument :
 BNA_G
 ClientSampleId :
 PB104196TB

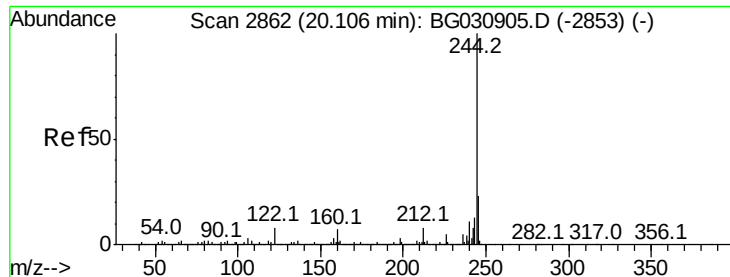
Tot Ion:188 Resp: 301224
 Ion Ratio Lower Upper
 188 100
 94 6.5 6.9 10.3#
 80 6.7 7.7 11.5#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG030954.D
 Acq: 11 Nov 2017 22:07

Tgt Ion:240 Resp: 411514
 Ion Ratio Lower Upper
 240 100
 120 6.7 6.8 10.2#
 236 26.6 20.9 31.3





#78

Terphenyl-d14

Concen: 61.437 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG030954.D

Acq: 11 Nov 2017 22:07

Instrument :

BNA_G

ClientSampleId :

PB104196TB

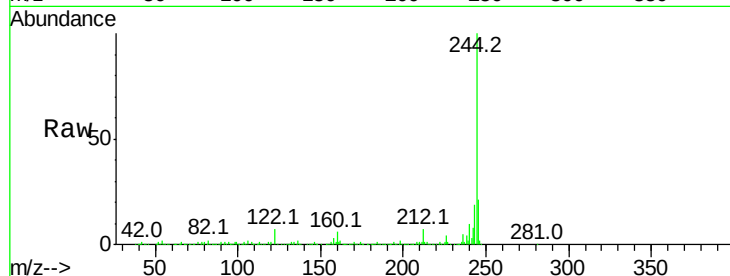
Tot Ion:244 Resp: 1144987

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

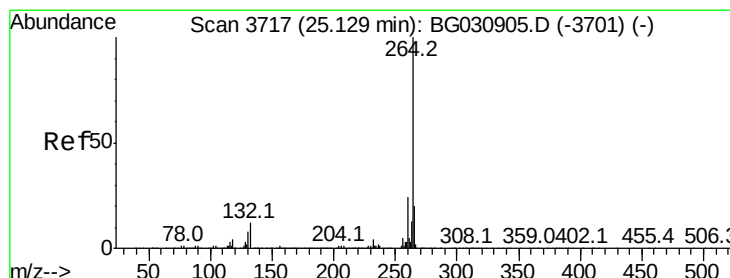
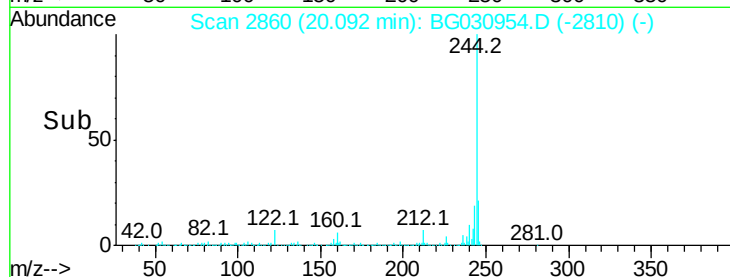
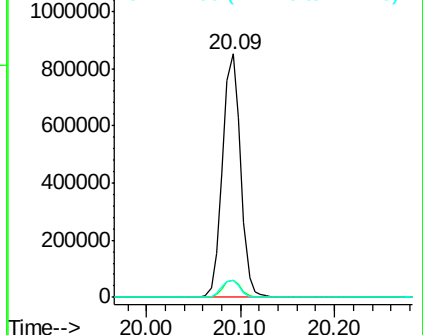
122 6.8 7.0 10.4#



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: BG030954.D

Acq: 11 Nov 2017 22:07

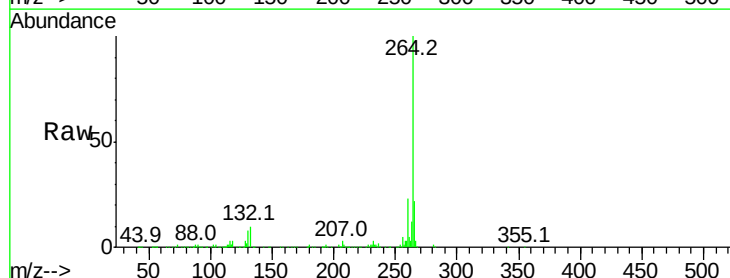
Tgt Ion:264 Resp: 417343

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 22.0 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

