

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
 Data File : BG030939.D
 Acq On : 11 Nov 2017 12:07
 Operator : SJ/JU
 Sample : I6399-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-12

Quant Time: Nov 13 03:20:02 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	44384	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	186657	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	124260	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	345892	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	453625	20.00	ng	-0.01
86) Perylene-d12	25.07	264	455684	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	356775	137.84	ng	0.00
7) Phenol-d6	7.31	99	408740	117.22	ng	0.00
23) Nitrobenzene-d5	9.31	82	308452	97.92	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	337147	167.72	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	886397	102.50	ng	-0.01
78) Terphenyl-d14	20.09	244	1887443	91.87	ng	0.00

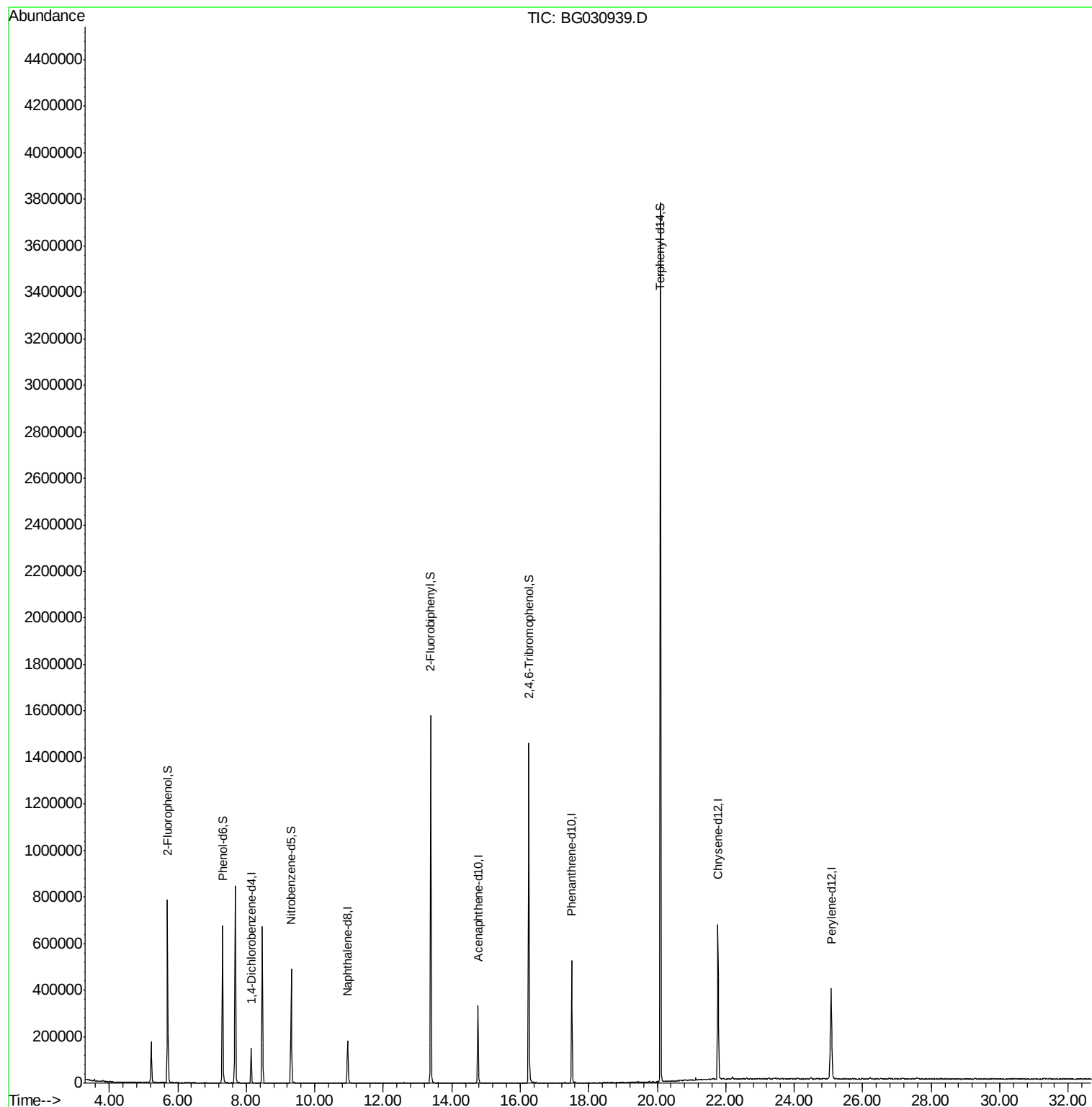
Target Compounds Qvalue

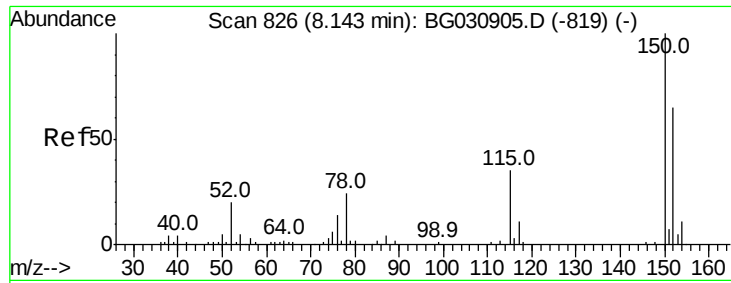
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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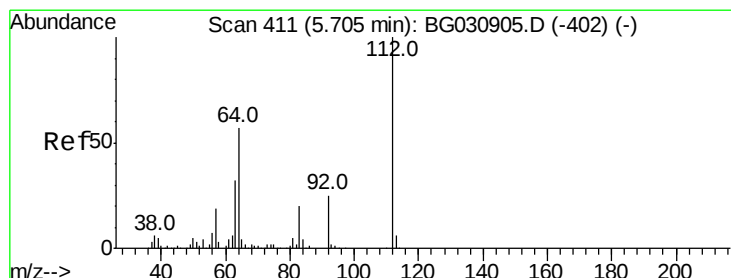
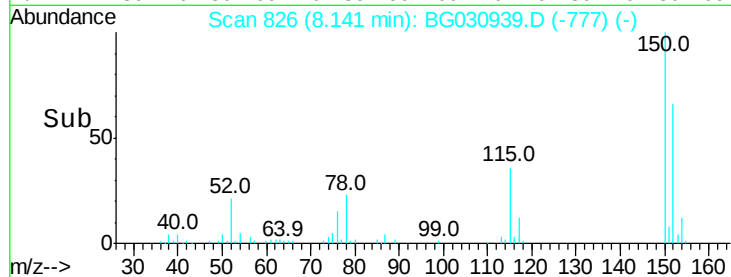
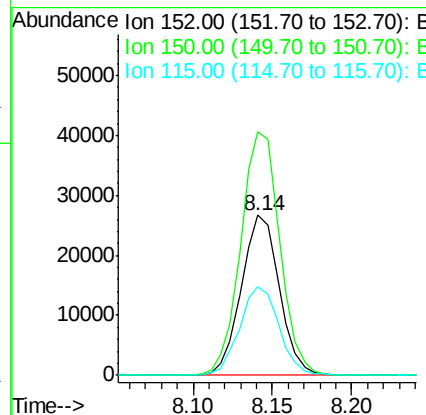
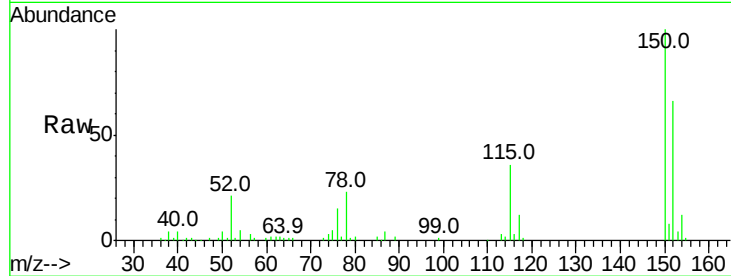


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030939.D
Acq: 11 Nov 2017 12:07

Instrument :
BNA_G
ClientSampled :
TP-12

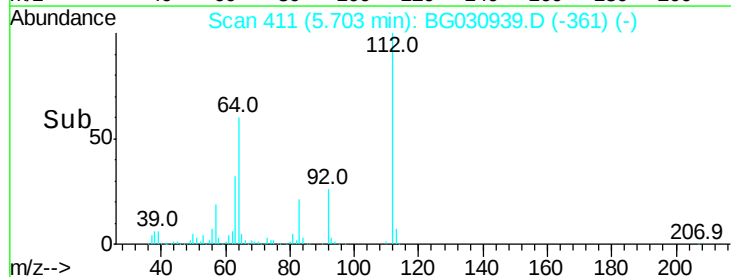
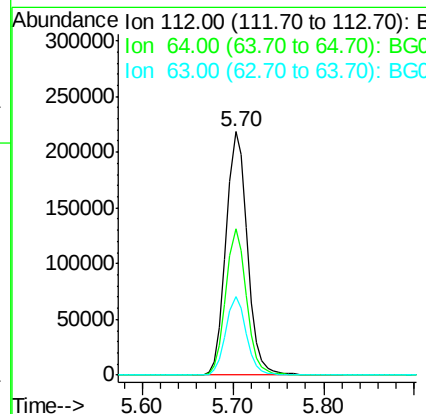
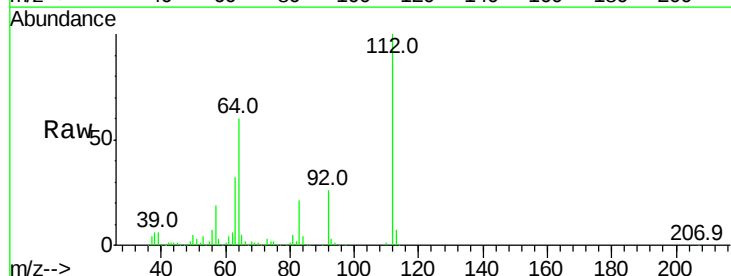
Tot Ion:152 Resp: 44384
Ion Ratio Lower Upper
152 100
150 152.0 126.6 189.8
115 55.4 53.0 79.4

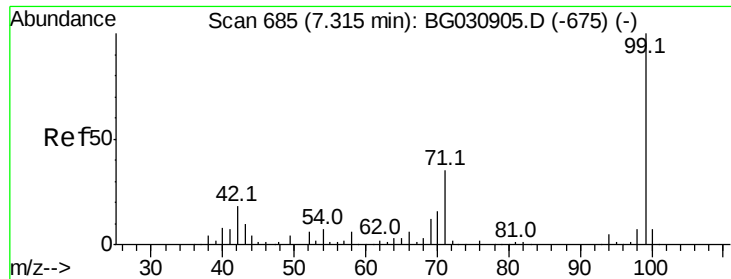


#5

2-Fluorophenol
Concen: 137.839 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.01 min
Lab File: BG030939.D
Acq: 11 Nov 2017 12:07

Tgt Ion:112 Resp: 356775
Ion Ratio Lower Upper
112 100
64 60.0 56.3 84.5
63 32.3 30.1 45.1





#7

Phenol-d6

Concen: 117.216 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG030939.D

Acq: 11 Nov 2017 12:07

Instrument :

BNA_G

ClientSampleId :

TP-12

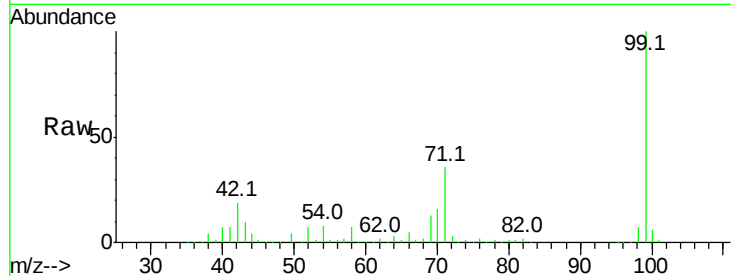
Tot Ion: 99 Resp: 408740

Ion Ratio Lower Upper

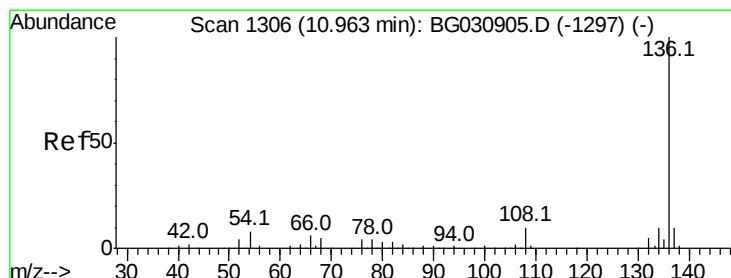
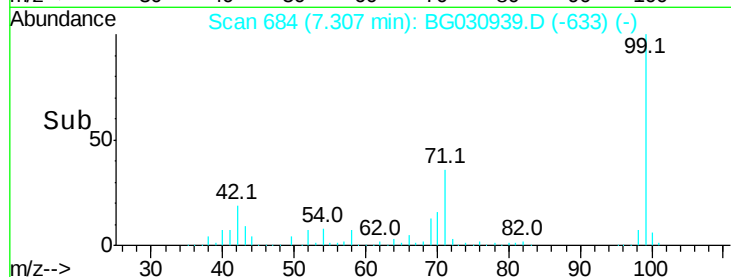
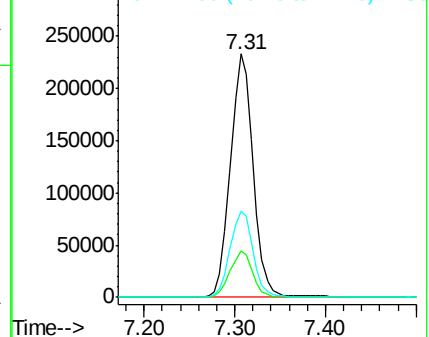
99 100

42 19.2 14.1 21.1

71 35.5 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: BG030939.D

Acq: 11 Nov 2017 12:07

Tgt Ion: 136 Resp: 186657

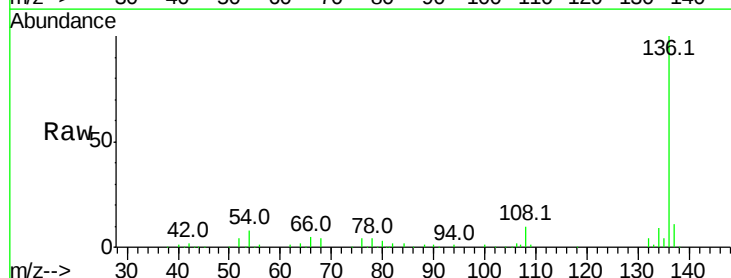
Ion Ratio Lower Upper

136 100

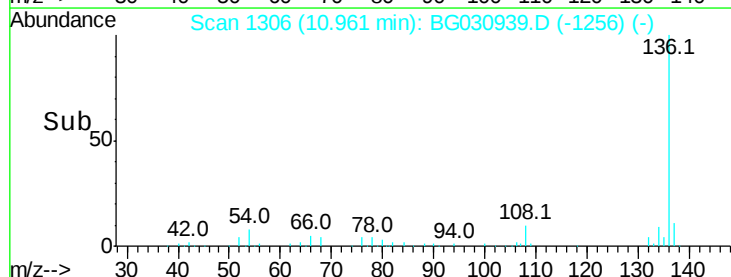
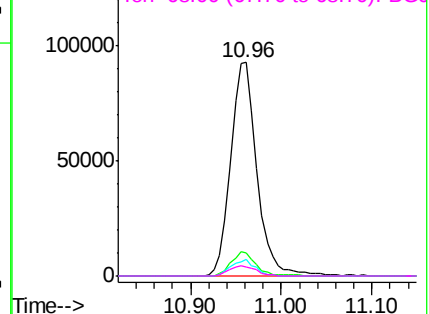
137 11.0 9.2 13.8

54 8.0 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

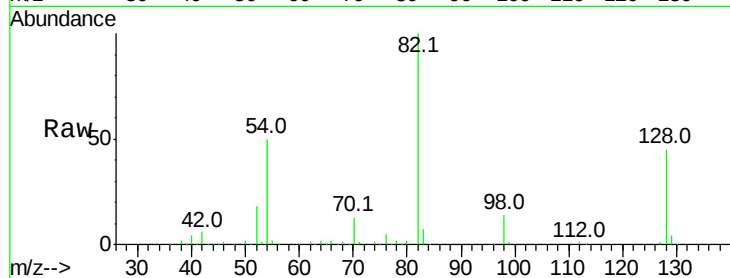




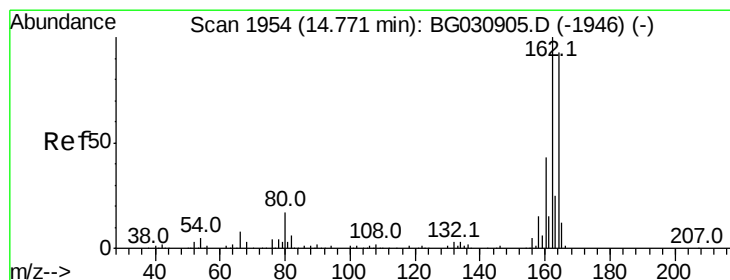
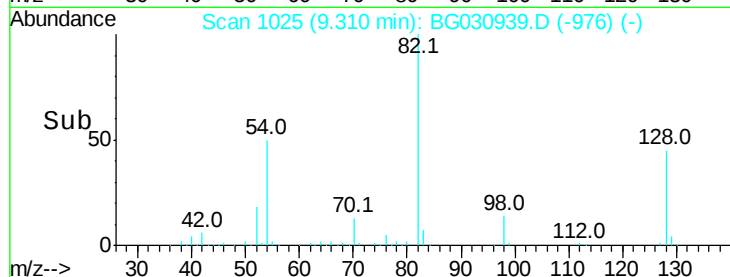
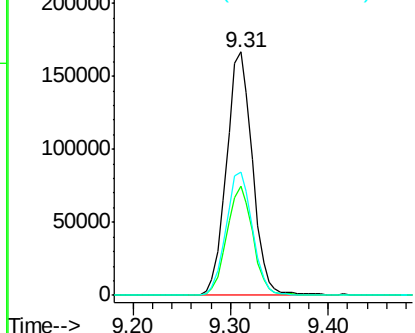
#23
Nitrobenzene-d5
Concen: 97.921 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG030939.D
Acq: 11 Nov 2017 12:07

Instrument :
BNA_G
ClientSampleId :
TP-12

Tot Ion: 82 Resp: 308452
Ion Ratio Lower Upper
82 100
128 44.8 29.7 44.5#
54 50.5 43.1 64.7

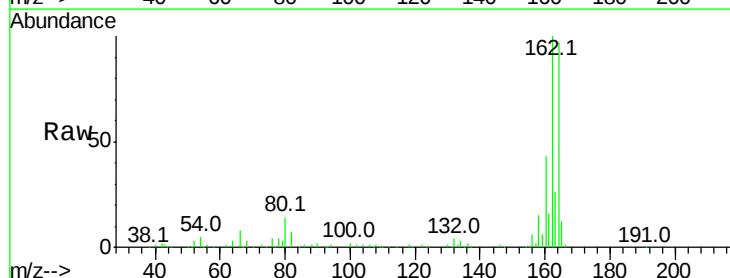


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

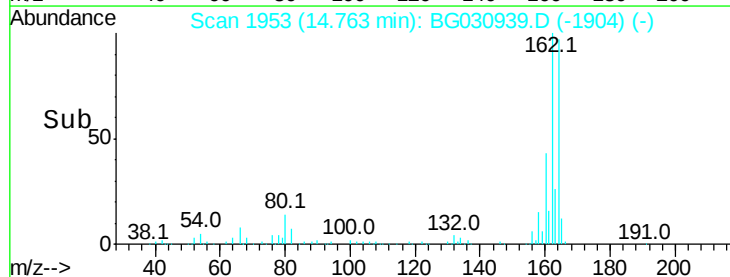
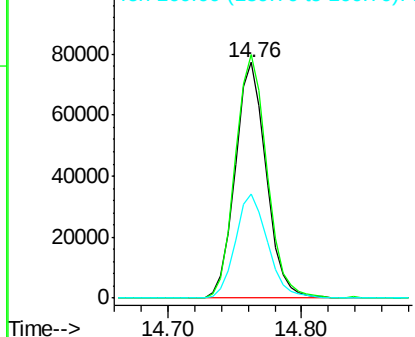


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG030939.D
Acq: 11 Nov 2017 12:07

Tgt Ion:164 Resp: 124260
Ion Ratio Lower Upper
164 100
162 103.5 78.8 118.2
160 44.1 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

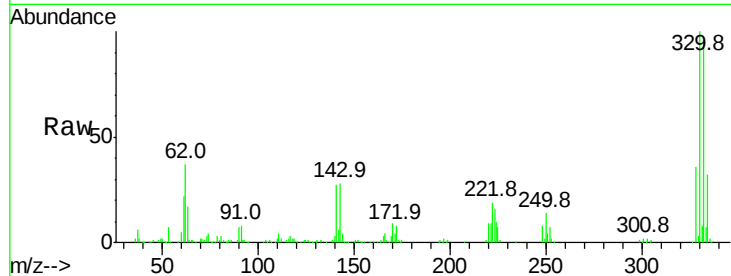




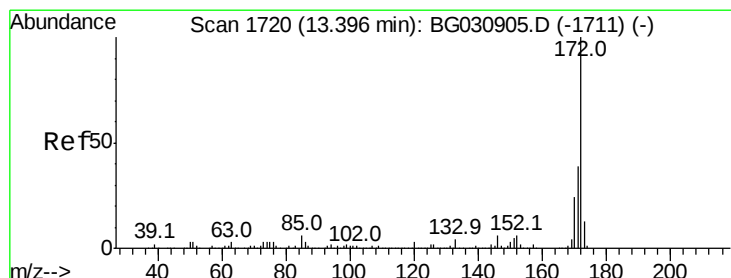
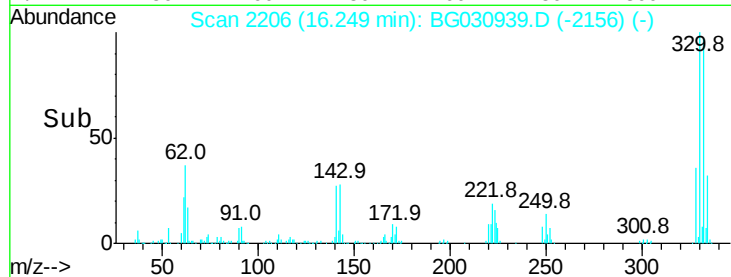
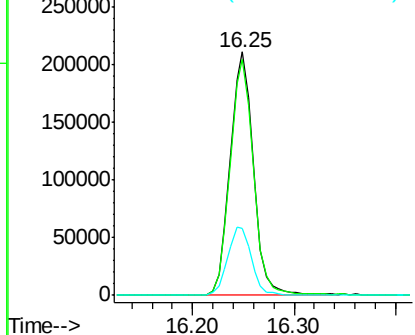
#41
 2,4,6-Tribromophenol
 Concen: 167.725 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG030939.D
 Acq: 11 Nov 2017 12:07

Instrument :
 BNA_G
 ClientSampled :
 TP-12

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	28.6	25.2	37.8

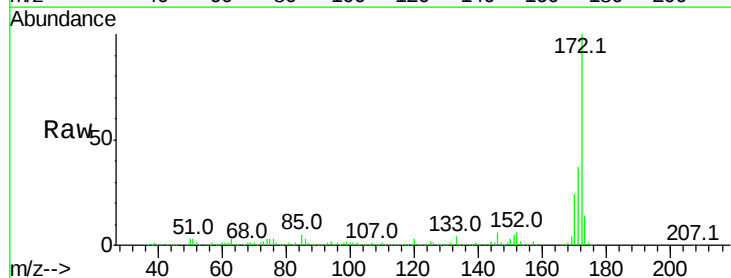


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

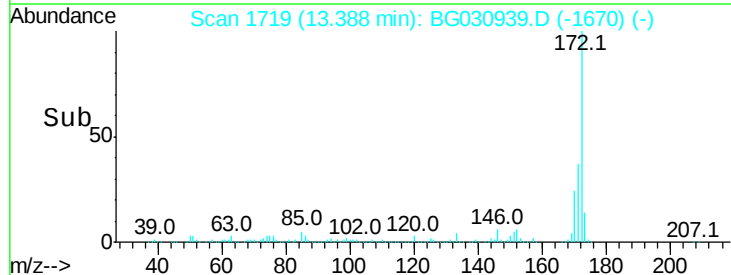
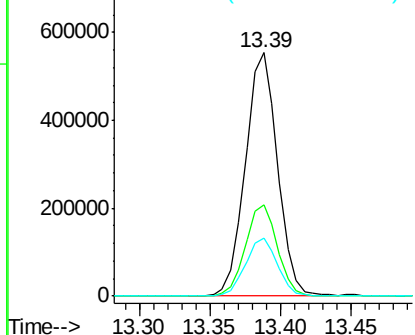


#44
 2-Fluorobiphenyl
 Concen: 102.499 ng
 RT: 13.39 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG030939.D
 Acq: 11 Nov 2017 12:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	23.7	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

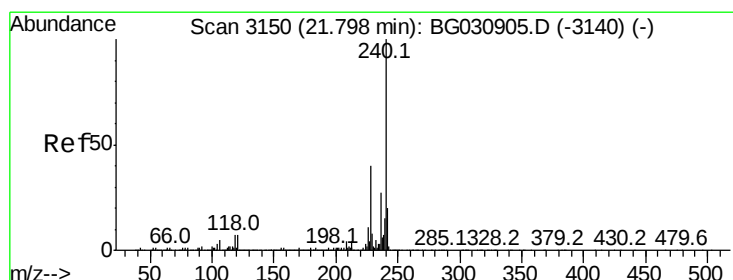
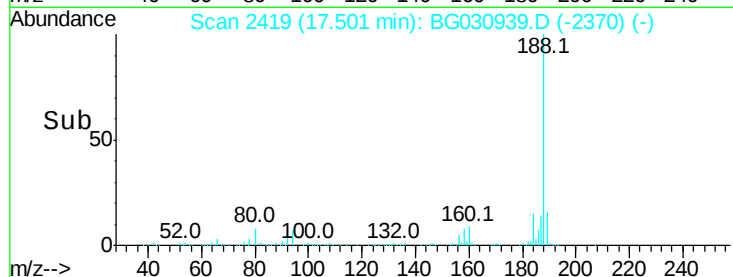
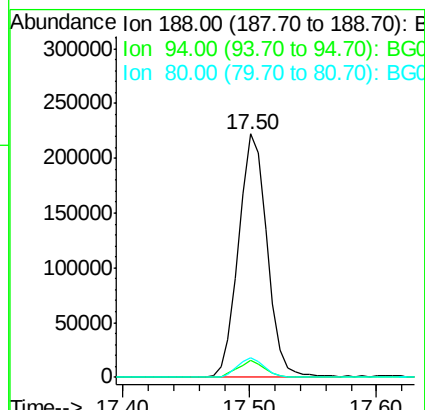
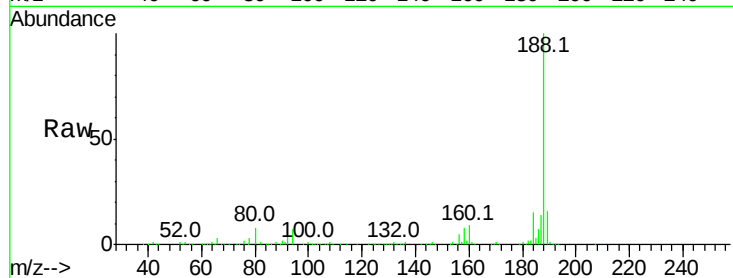




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG030939.D
Acq: 11 Nov 2017 12:07

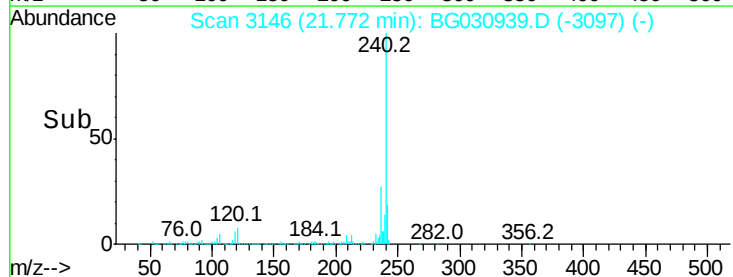
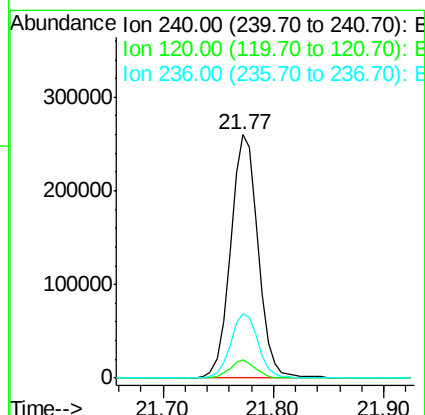
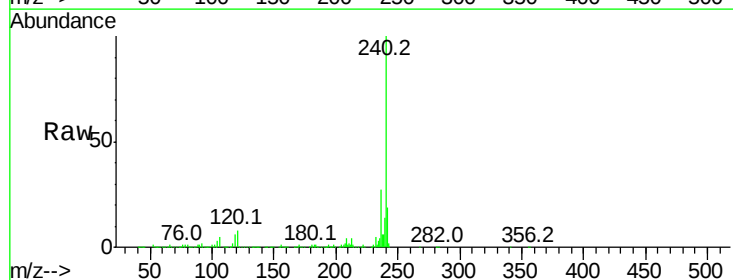
Instrument :
BNA_G
ClientSampleId :
TP-12

Tot Ion:188 Resp: 345892
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 7.9 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: BG030939.D
Acq: 11 Nov 2017 12:07

Tgt Ion:240 Resp: 453625
Ion Ratio Lower Upper
240 100
120 7.7 6.8 10.2
236 26.7 20.9 31.3

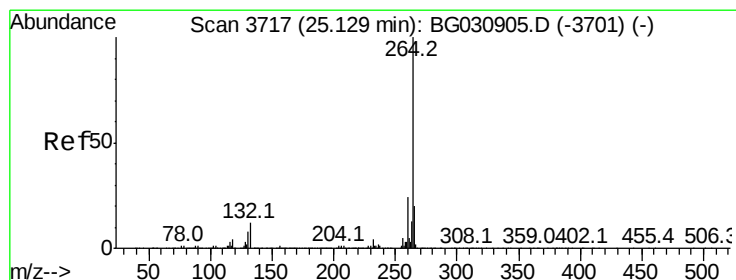
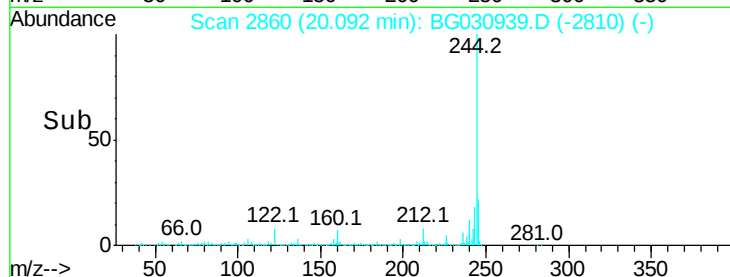
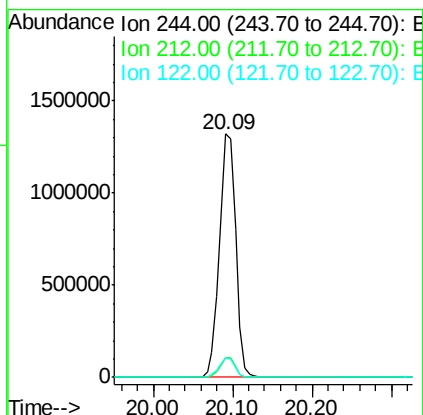
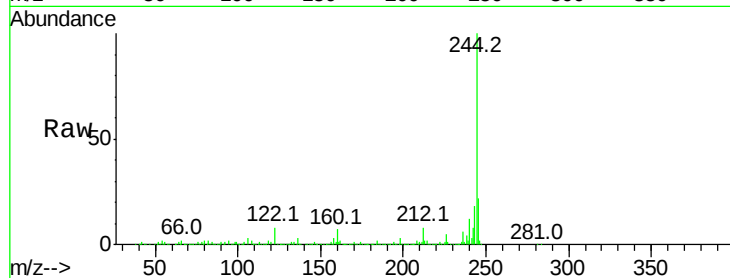




#78
 Terphenyl-d14
 Concen: 91.874 ng
 RT: 20.09 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG030939.D
 Acq: 11 Nov 2017 12:07

Instrument :
 BNA_G
 ClientSampleId :
 TP-12

Tot Ion:244 Resp: 1887443
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.8
 122 8.1 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3708
 Delta R.T. -0.02 min
 Lab File: BG030939.D
 Acq: 11 Nov 2017 12:07

Tgt Ion:264 Resp: 455684
 Ion Ratio Lower Upper
 264 100
 260 24.5 17.4 26.0
 265 21.1 17.7 26.5

