

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120417\
 Data File : BG031353.D
 Acq On : 4 Dec 2017 19:16
 Operator : SJ/JU
 Sample : PB104664BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104664BL

Quant Time: Dec 05 04:17:01 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	8.12	152	61799	20.00	ng	-0.03
21) Naphthalene-d8	10.94	136	260157	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	169079	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	448016	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	542123	20.00	ng	-0.02
86) Perylene-d12	25.06	264	521335	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	531280	147.42	ng	-0.02
7) Phenol-d6	7.30	99	676256	139.28	ng	-0.01
23) Nitrobenzene-d5	9.30	82	378493	86.21	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	307761	112.52	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1146276	97.41	ng	-0.03
78) Terphenyl-d14	20.08	244	2133659	86.90	ng	-0.02

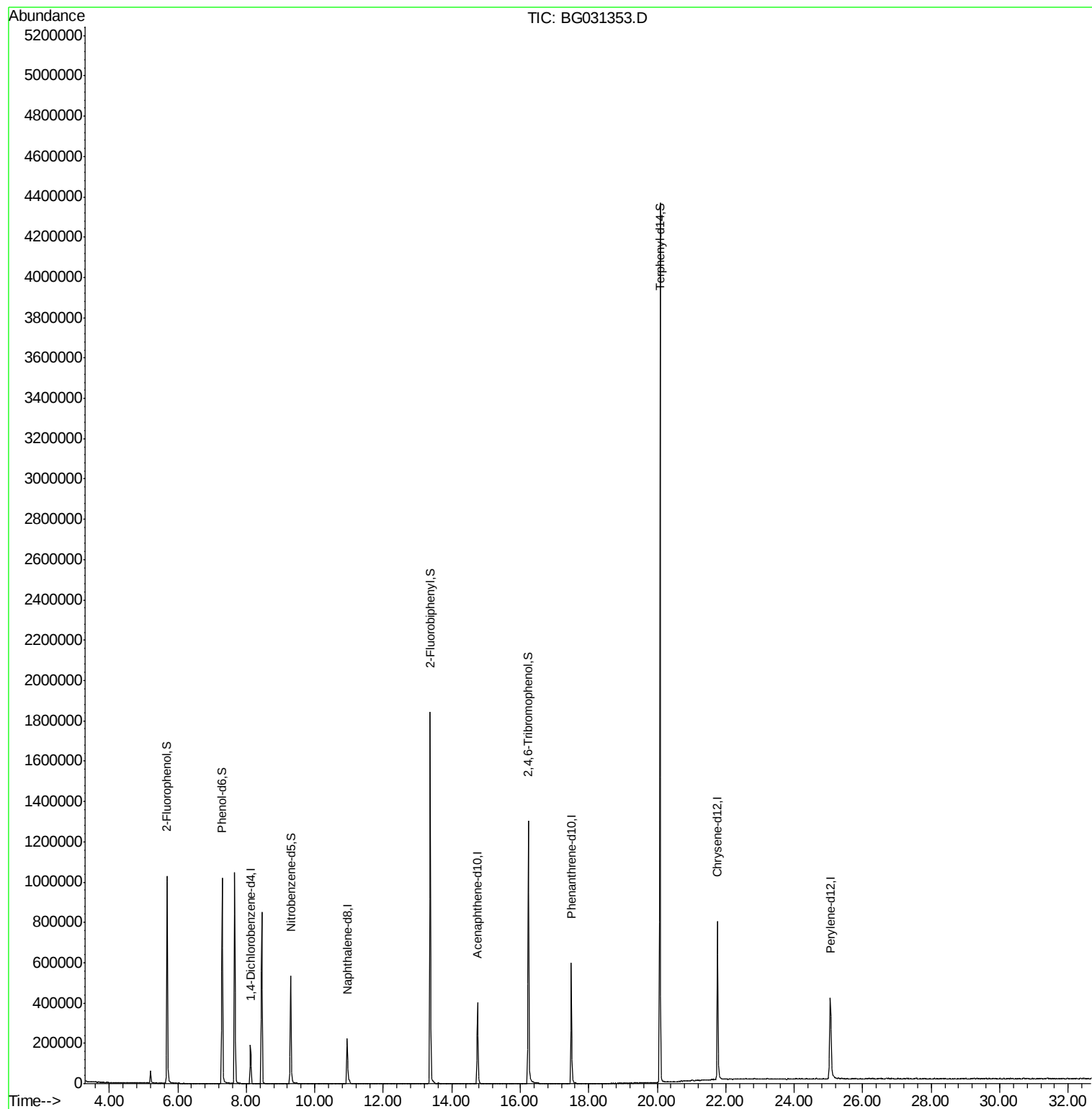
Target Compounds Qvalue

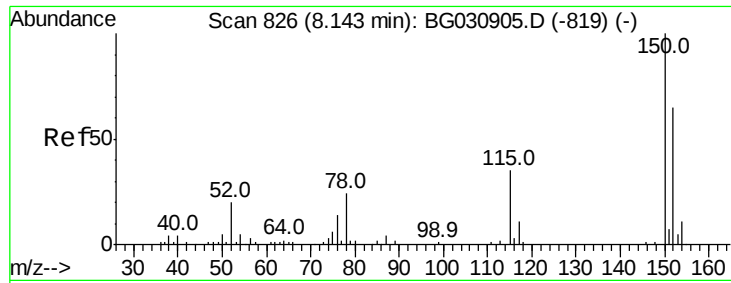
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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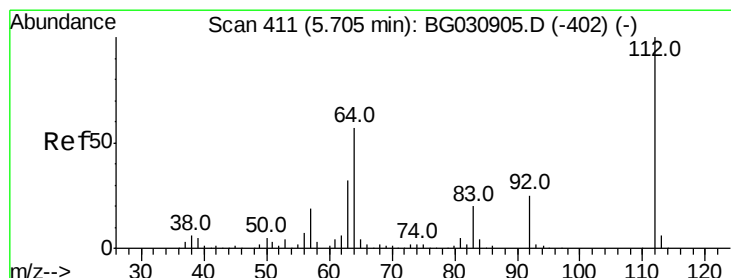
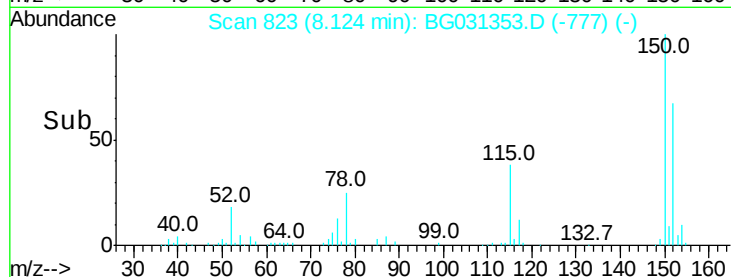
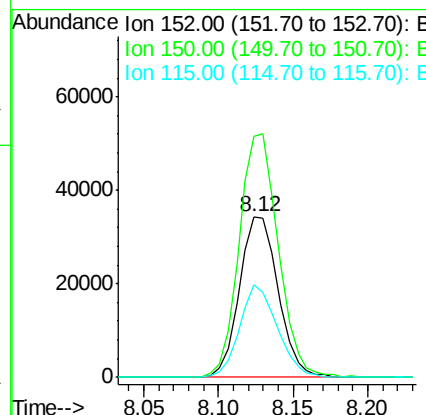
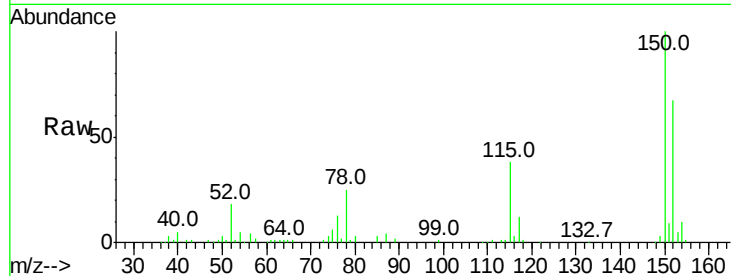


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 823
 Delta R.T. -0.03 min
 Lab File: BG031353.D
 Acq: 4 Dec 2017 19:16

Instrument :
 BNA_G
 ClientSampleId :
 PB104664BL

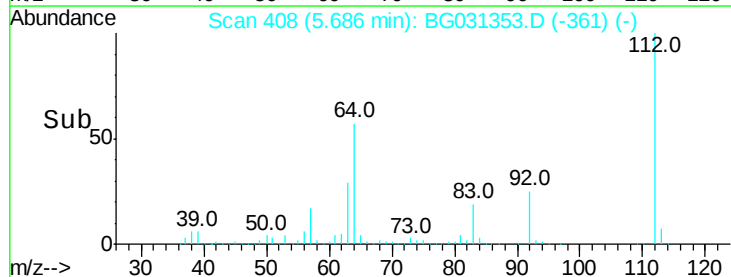
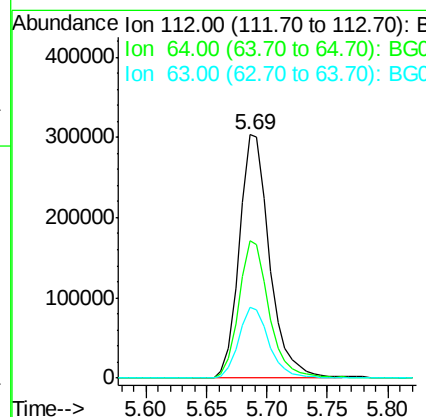
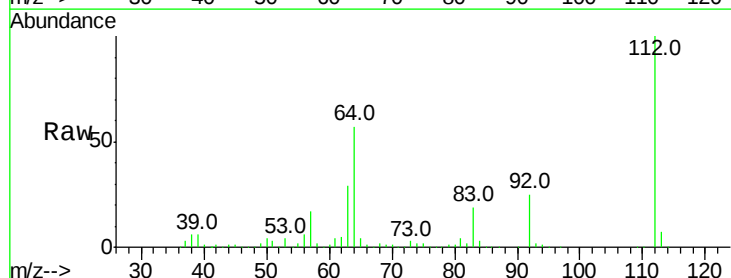
Tot Ion:152 Resp: 61799
 Ion Ratio Lower Upper
 152 100
 150 150.3 126.6 189.8
 115 57.6 53.0 79.4

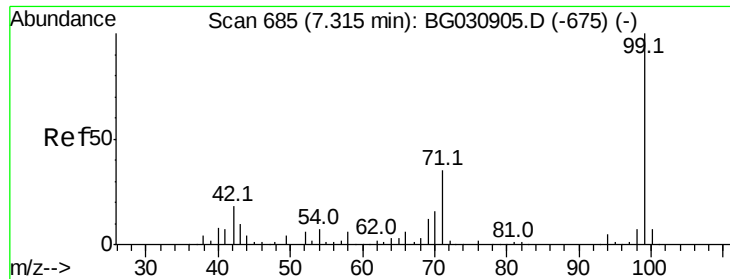


#5

2-Fluorophenol
 Concen: 147.416 ng
 RT: 5.69 min Scan# 408
 Delta R.T. -0.02 min
 Lab File: BG031353.D
 Acq: 4 Dec 2017 19:16

Tgt Ion:112 Resp: 531280
 Ion Ratio Lower Upper
 112 100
 64 56.6 56.3 84.5
 63 29.1 30.1 45.1#





#7

Phenol-d6

Concen: 139.282 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031353.D

Acq: 4 Dec 2017 19:16

Instrument :

BNA_G

ClientSampleId :

PB104664BL

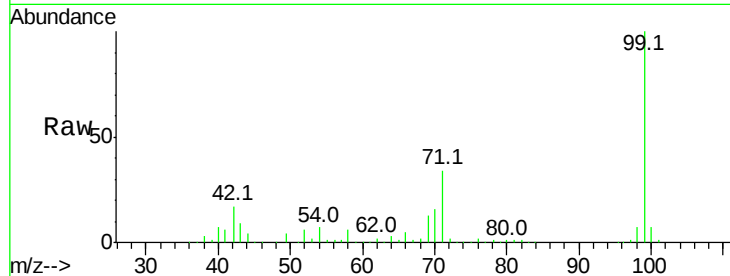
Tot Ion: 99 Resp: 676256

Ion Ratio Lower Upper

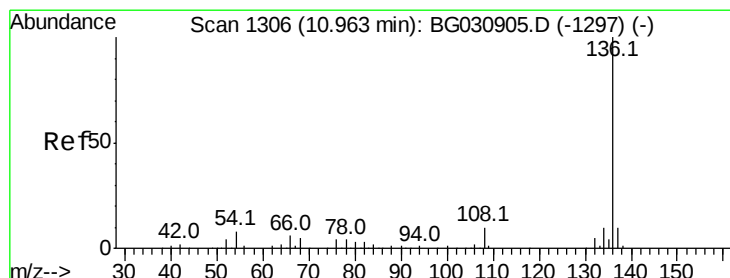
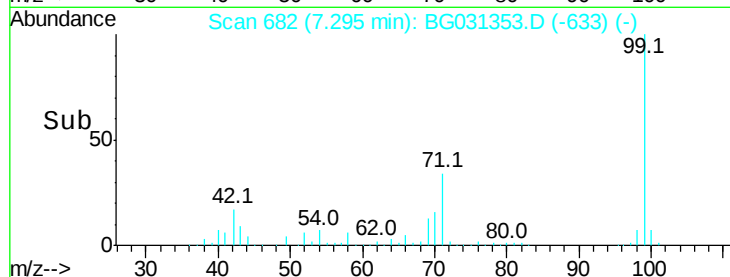
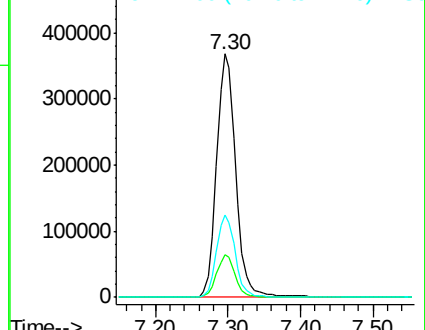
99 100

42 17.3 14.1 21.1

71 33.8 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: 10.94 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG031353.D

Acq: 4 Dec 2017 19:16

Tgt Ion: 136 Resp: 260157

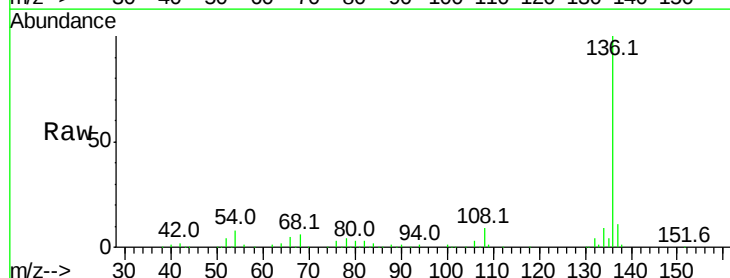
Ion Ratio Lower Upper

136 100

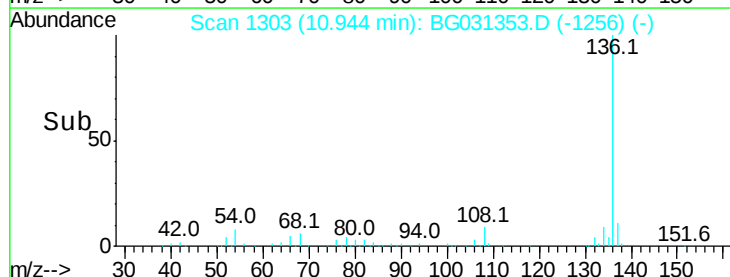
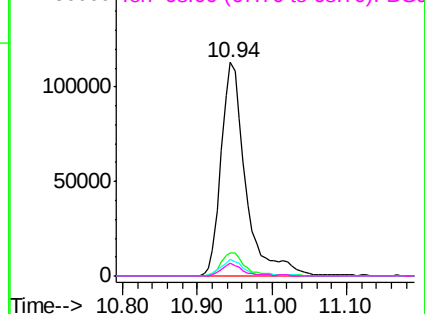
137 11.1 9.2 13.8

54 7.8 10.3 15.5#

68 5.7 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

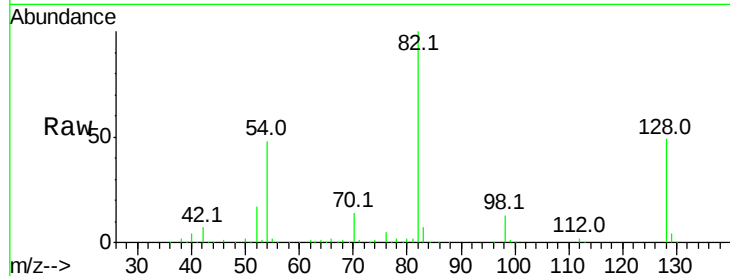




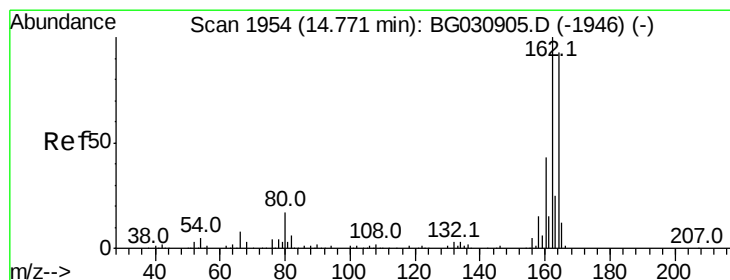
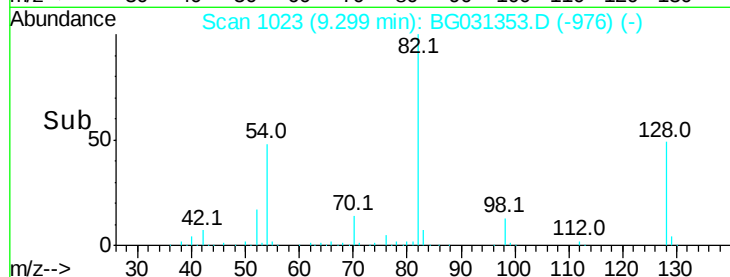
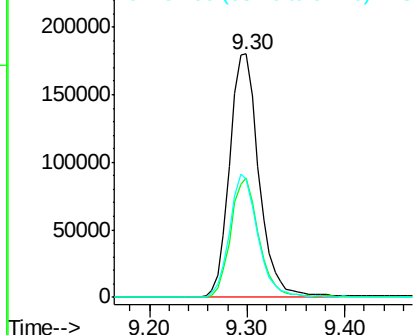
#23
Nitrobenzene-d5
Concen: 86.210 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031353.D
Acq: 4 Dec 2017 19:16

Instrument :
BNA_G
ClientSampleId :
PB104664BL

Tot Ion: 82 Resp: 378493
Ion Ratio Lower Upper
82 100
128 49.0 29.7 44.5#
54 48.3 43.1 64.7

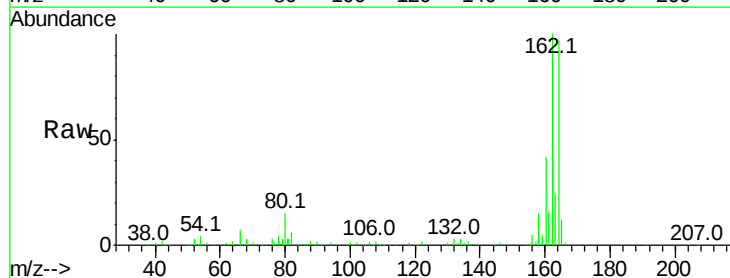


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

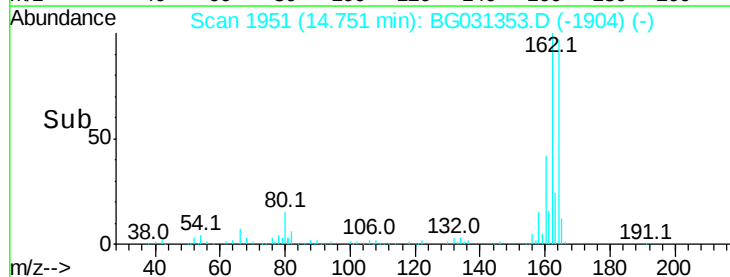
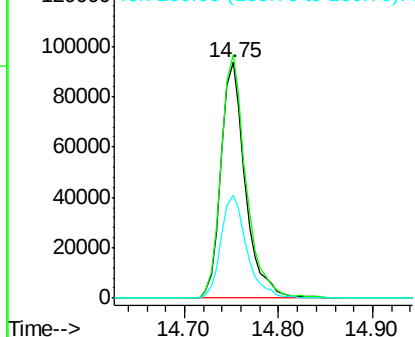


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031353.D
Acq: 4 Dec 2017 19:16

Tgt Ion:164 Resp: 169079
Ion Ratio Lower Upper
164 100
162 103.4 78.8 118.2
160 43.9 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

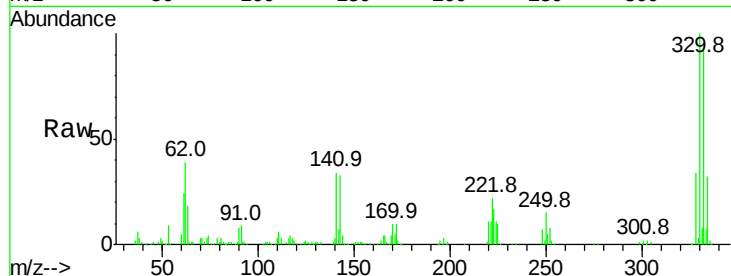




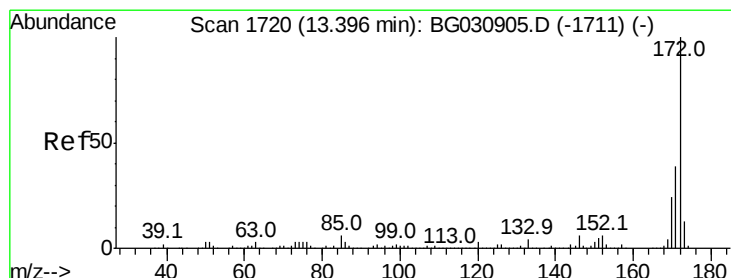
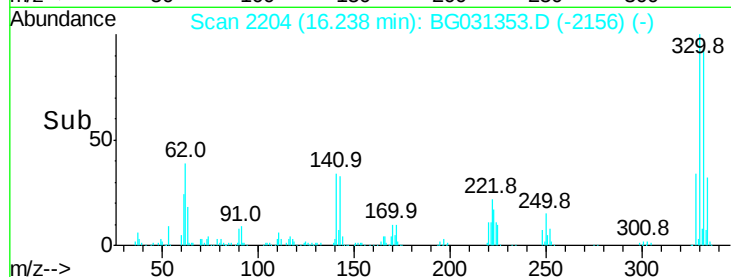
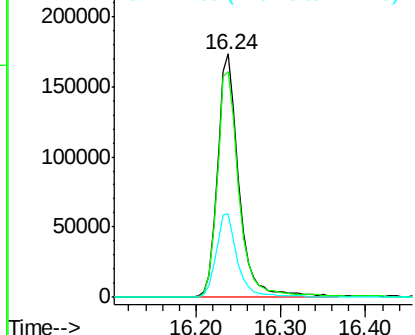
#41
 2,4,6-Tribromophenol
 Concen: 112.521 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031353.D
 Acq: 4 Dec 2017 19:16

Instrument :
 BNA_G
 ClientSampleId :
 PB104664BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	34.8	25.2	37.8

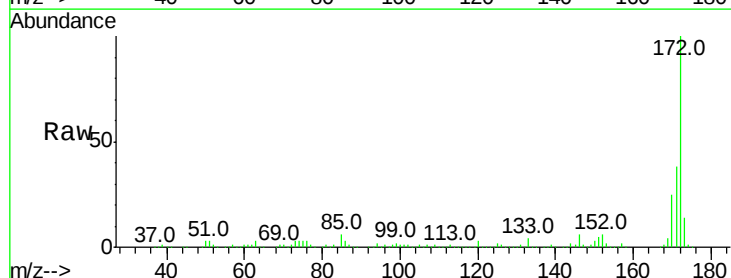


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

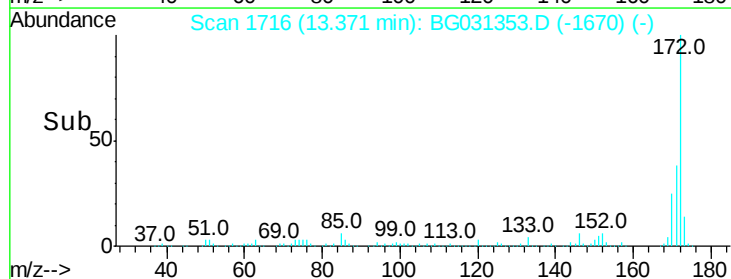
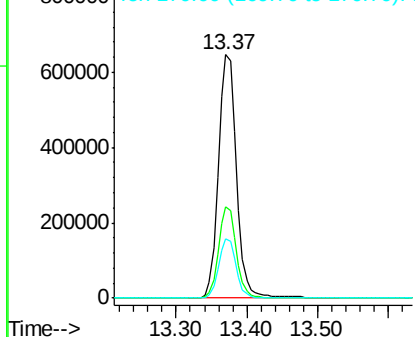


#44
 2-Fluorobiphenyl
 Concen: 97.414 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031353.D
 Acq: 4 Dec 2017 19:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	24.5	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

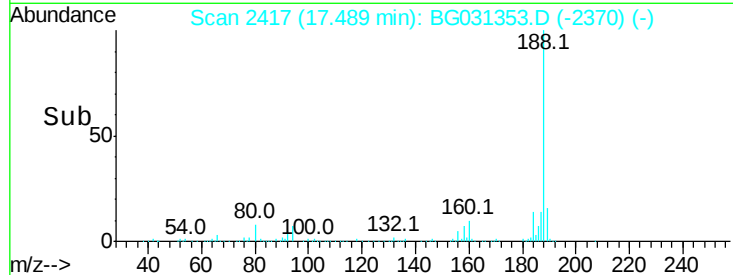
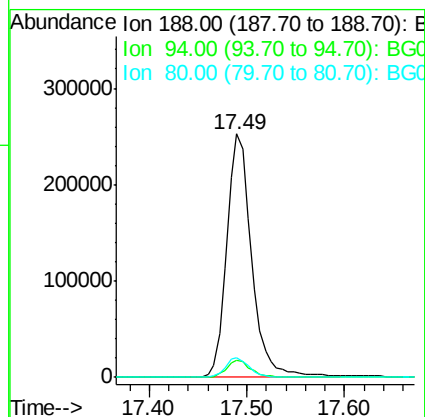
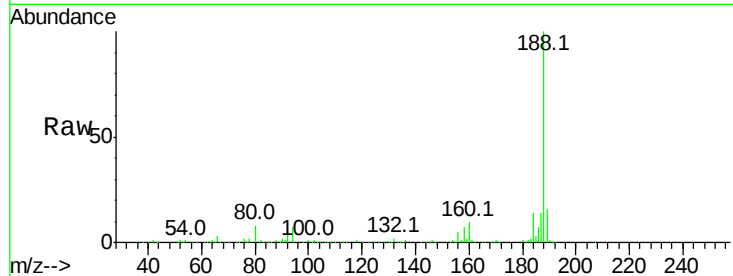




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.02 min
 Lab File: BG031353.D
 Acq: 4 Dec 2017 19:16

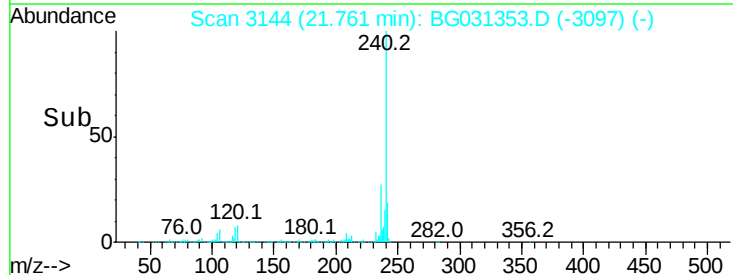
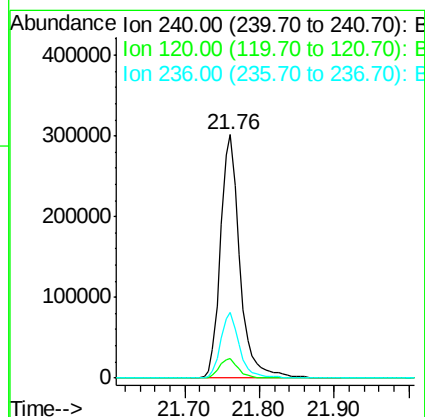
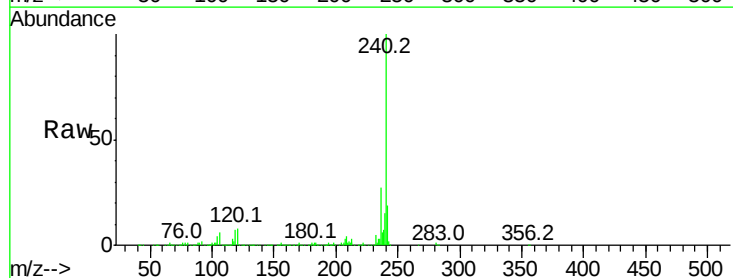
Instrument :
 BNA_G
 ClientSampleId :
 PB104664BL

Tot Ion:188 Resp: 448016
 Ion Ratio Lower Upper
 188 100
 94 7.0 6.9 10.3
 80 8.0 7.7 11.5



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.02 min
 Lab File: BG031353.D
 Acq: 4 Dec 2017 19:16

Tgt Ion:240 Resp: 542123
 Ion Ratio Lower Upper
 240 100
 120 7.8 6.8 10.2
 236 26.8 20.9 31.3





#78

Terphenyl-d14

Concen: 86.905 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031353.D

Acq: 4 Dec 2017 19:16

Instrument :

BNA_G

ClientSampleId :

PB104664BL

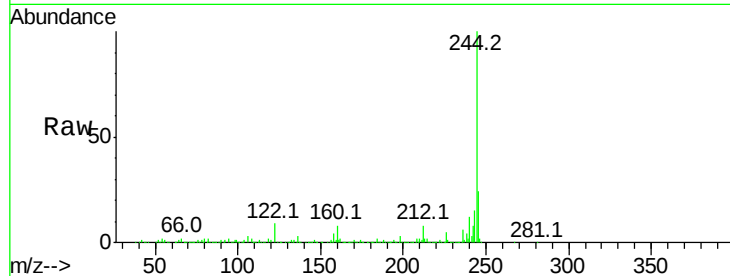
Tot Ion:244 Resp: 2133659

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

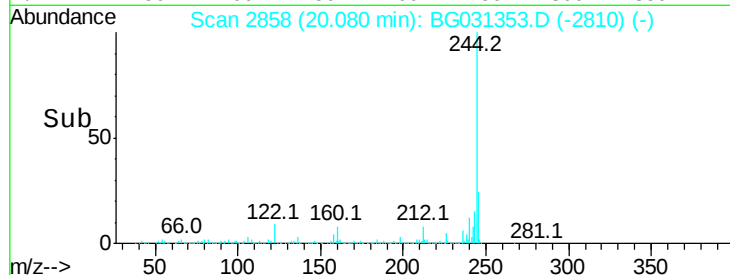
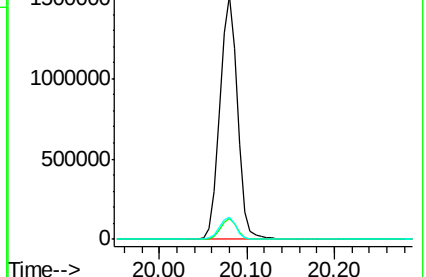
122 8.9 7.0 10.4



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# 3705

Delta R.T. -0.03 min

Lab File: BG031353.D

Acq: 4 Dec 2017 19:16

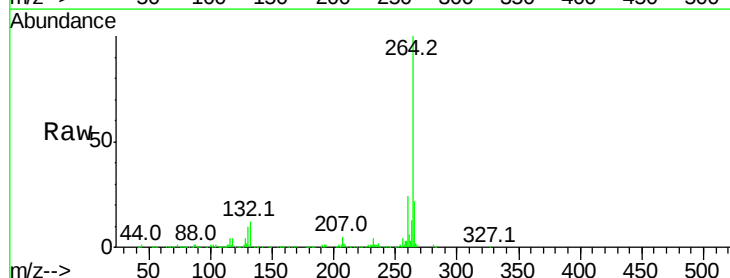
Tgt Ion:264 Resp: 521335

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 21.8 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

