

Data Path : Z:\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

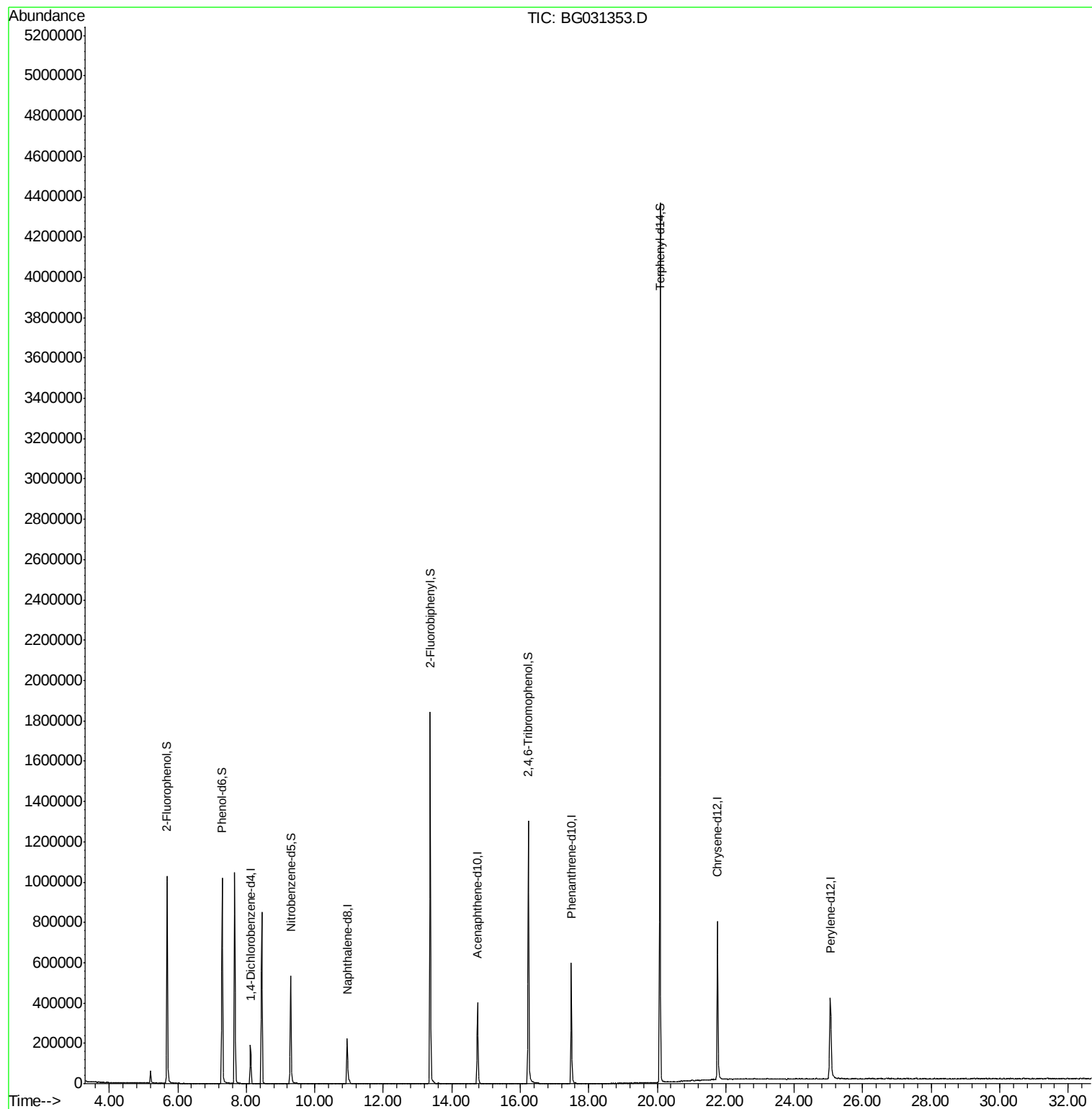
Target Compounds Qvalue

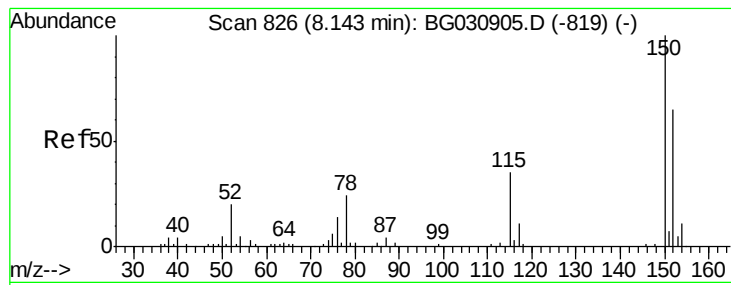
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 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

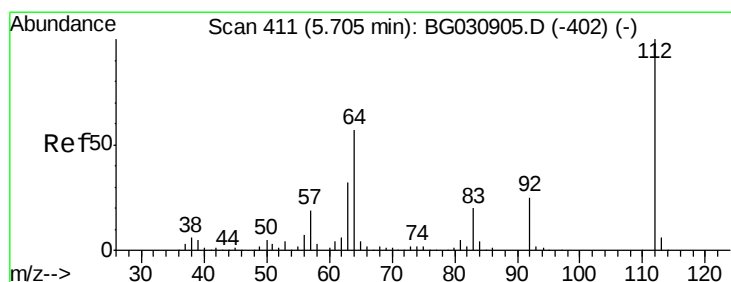
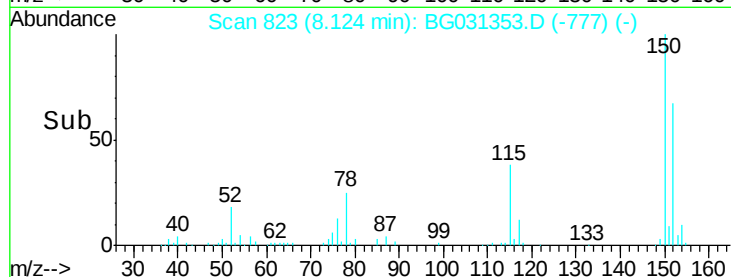
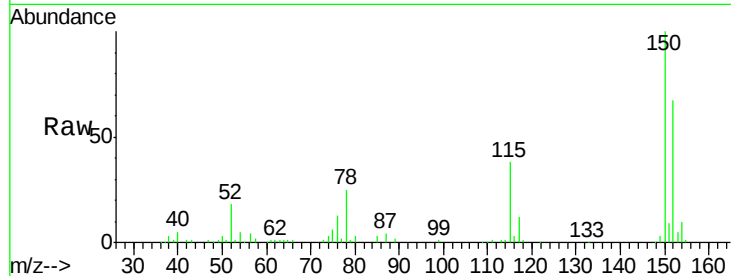
Tot Ion:152 Resp: 61799

Ion Ratio Lower Upper

152 100

150 150.3 126.6 189.8

115 57.6 53.0 79.4



#5

2-Fluorophenol

Concen: 147.42 ng

RT: 5.69 min Scan# 408

Delta R.T. -0.02 min

Lab File: BG031353.D

Acq: 4 Dec 2017 19:16

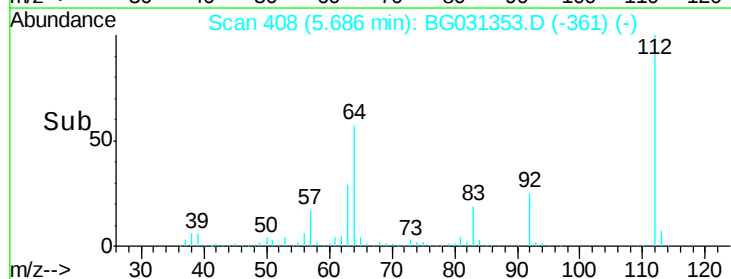
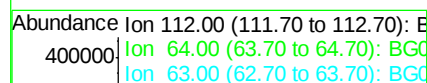
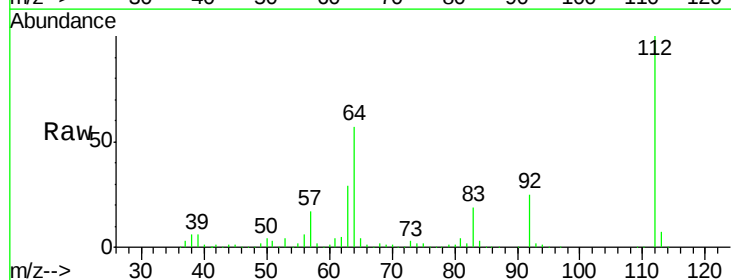
Tgt Ion:112 Resp: 531280

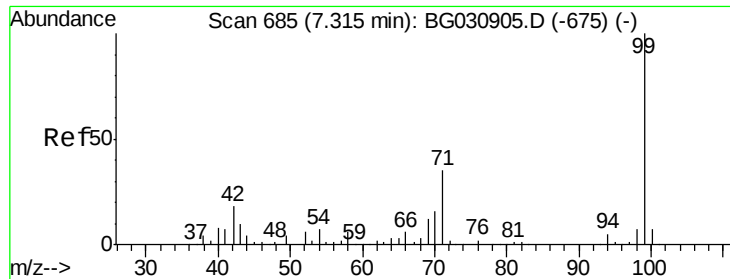
Ion Ratio Lower Upper

112 100

64 56.6 56.3 84.5

63 29.1 30.1 45.1#





#7

Phenol-d6

Concen: 139.28 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

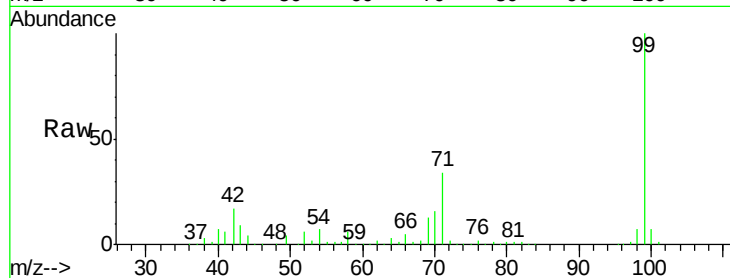
Tot Ion: 99 Resp: 676256

Ion Ratio Lower Upper

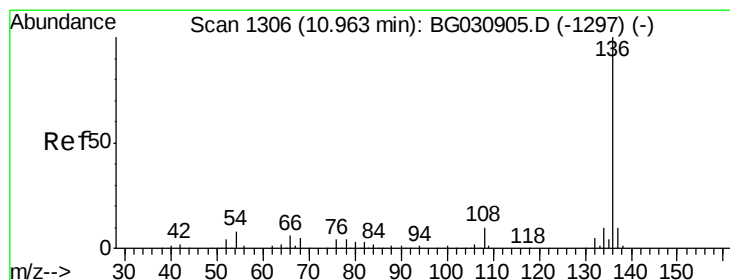
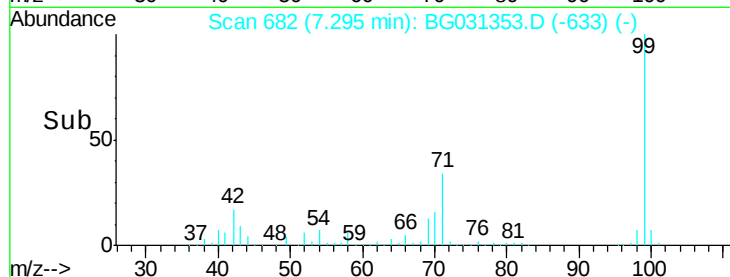
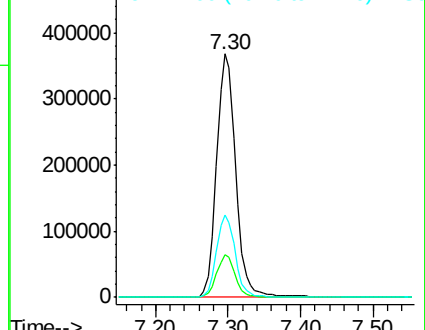
99 100

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: 20.00 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

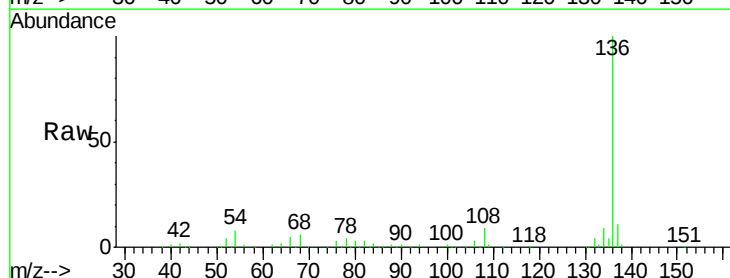
Ion Ratio Lower Upper

136 100

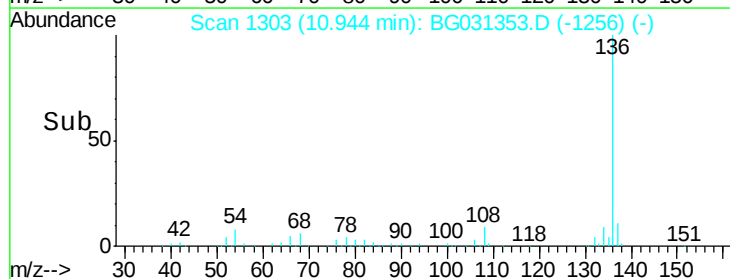
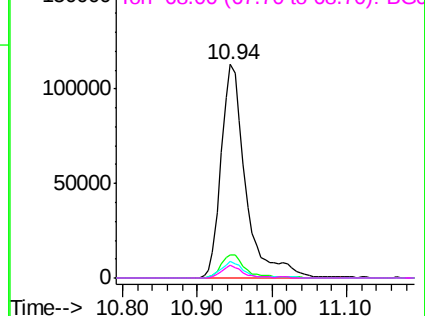
137 11.1 9.2 13.8

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

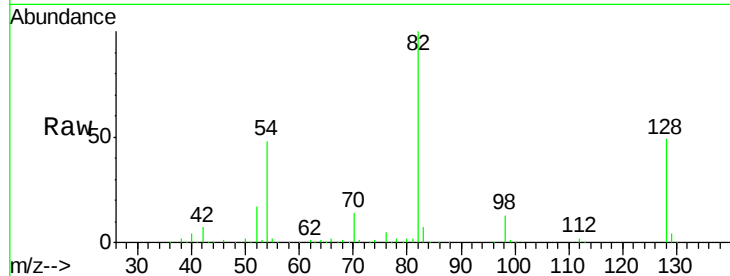




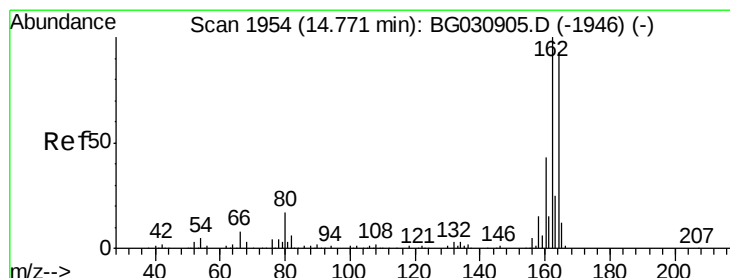
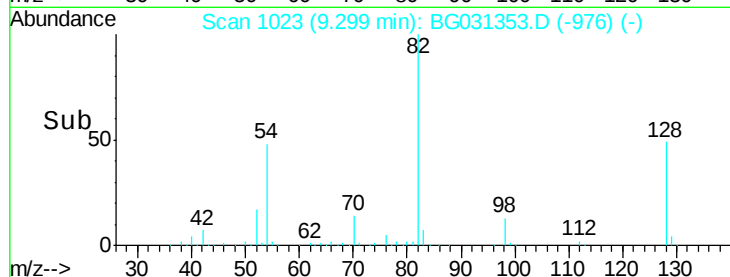
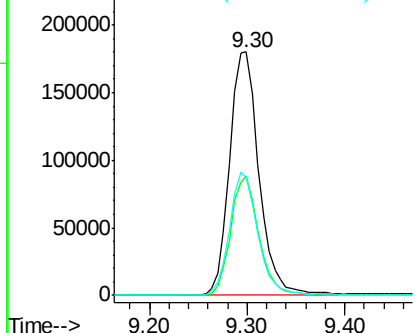
#23
Nitrobenzene-d5
Concen: 86.21 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031353.D
Acq: 4 Dec 2017 19:16

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

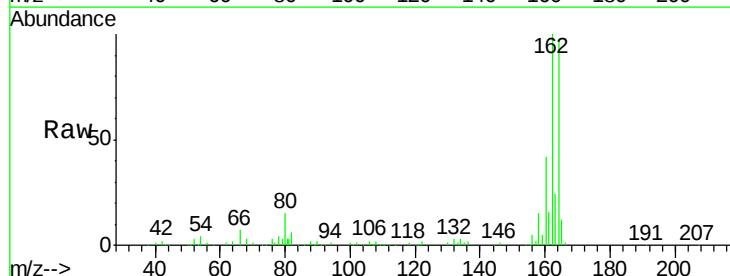


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

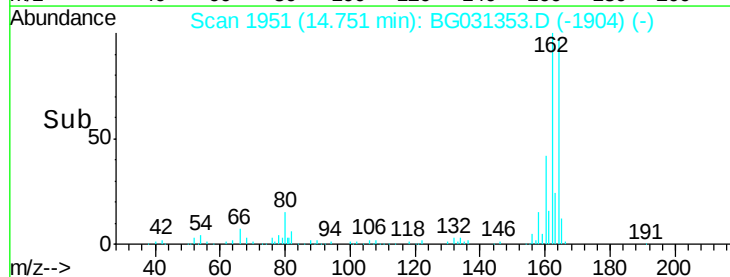
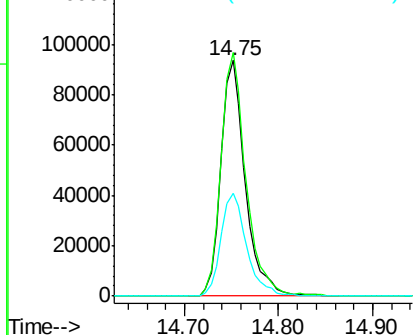


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031353.D
Acq: 4 Dec 2017 19:16

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

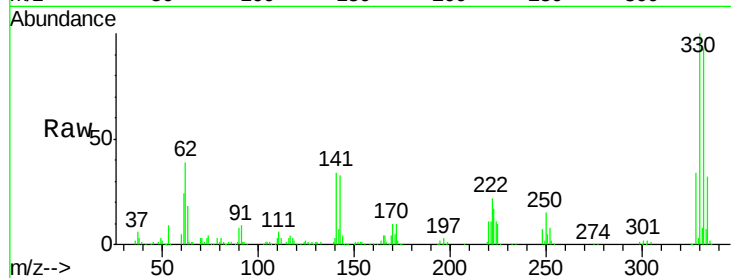




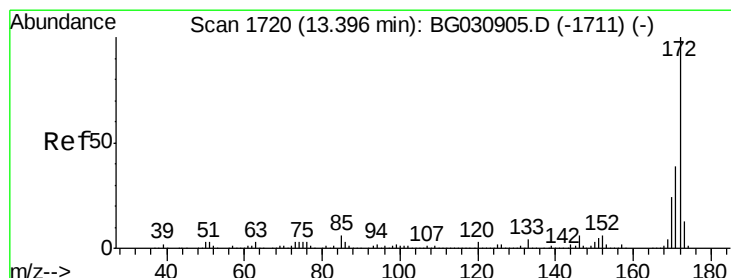
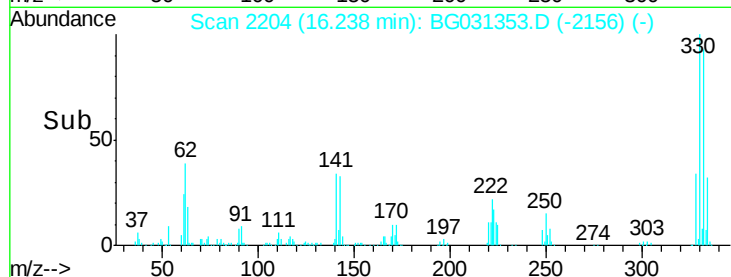
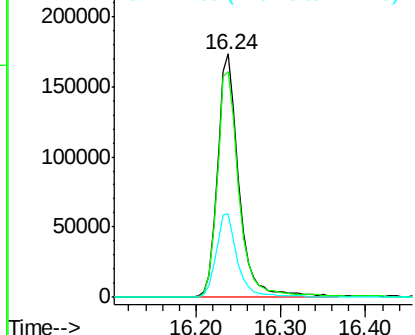
#41
 2,4,6-Tribromophenol
 Concen: 112.52 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031353.D
 Acq: 4 Dec 2017 19:16

Instrument :
 BNA_G
 ClientSampleId :
 PB104664BL

Tot Ion:330 Resp: 307761
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 34.8 25.2 37.8

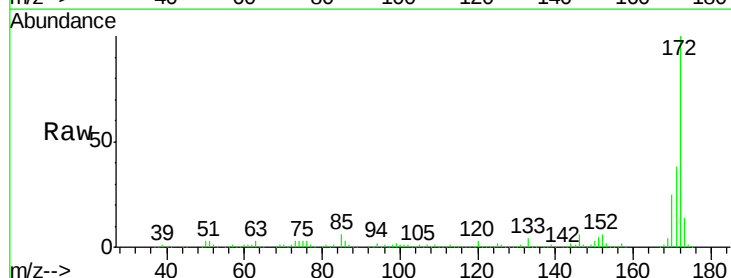


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

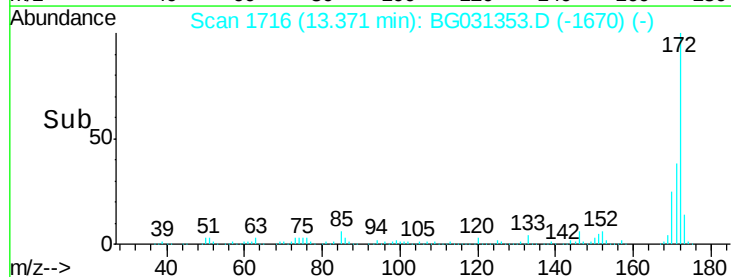
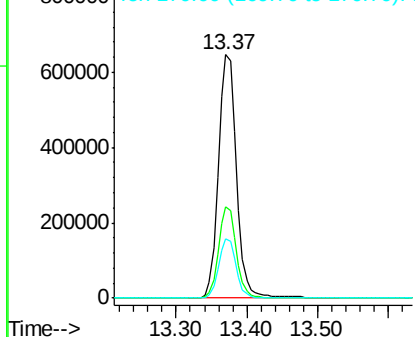


#44
 2-Fluorobiphenyl
 Concen: 97.41 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031353.D
 Acq: 4 Dec 2017 19:16

Tgt Ion:172 Resp: 1146276
 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

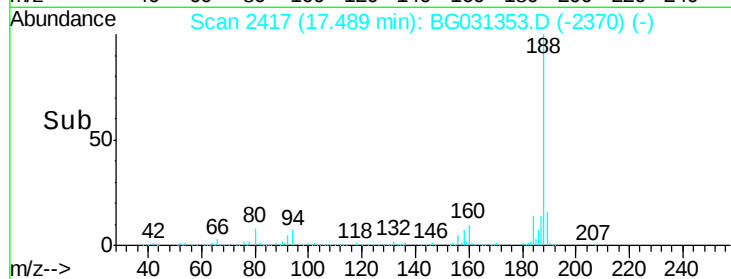
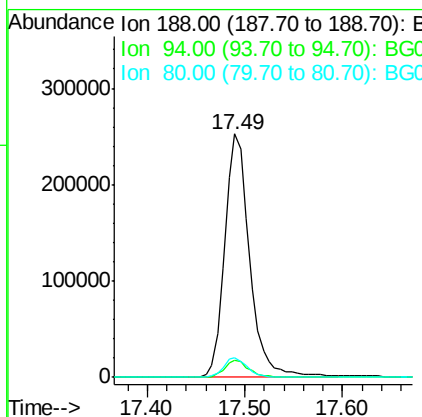
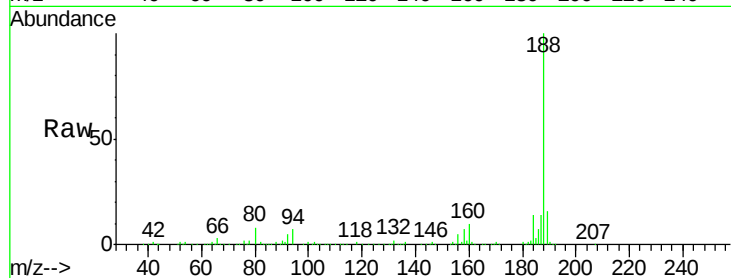




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031353.D
Acq: 4 Dec 2017 19:16

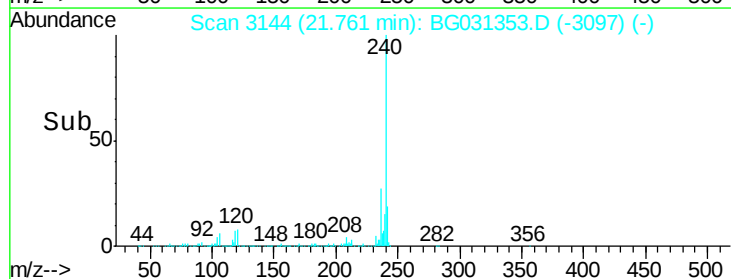
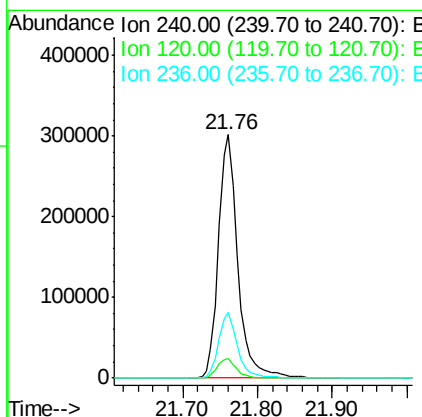
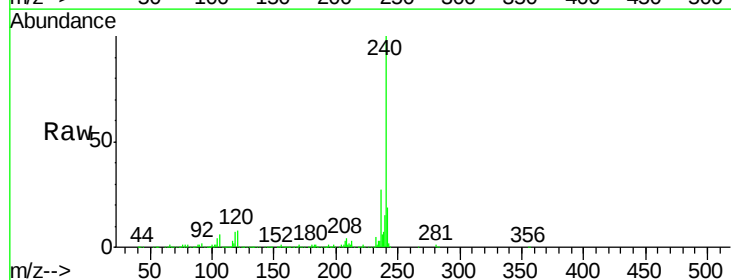
Instrument :
BNA_G
ClientSampleId :
PB104664BL

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: 20.00 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: 86.90 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

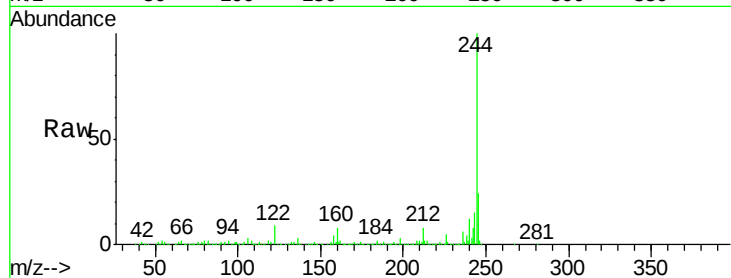
Tot Ion:244 Resp: 2133659

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	8.9	7.0	10.4

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

20.08

1500000

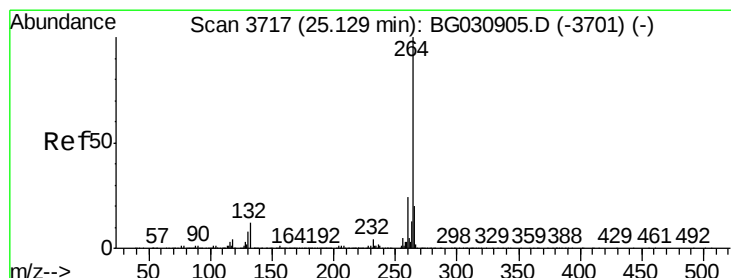
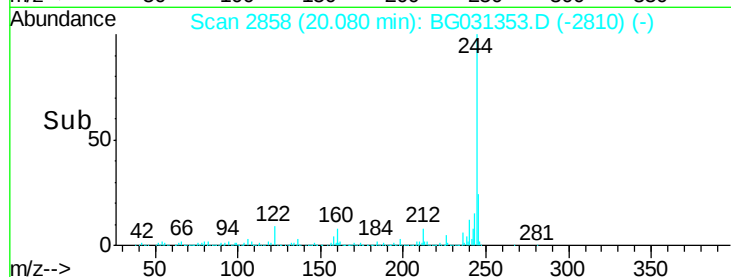
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500000

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Time-->

20.00 20.10 20.20



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.06 min Scan# 3705

Delta R.T. -0.03 min

Lab File: BG031353.D

Acq: 4 Dec 2017 19:16

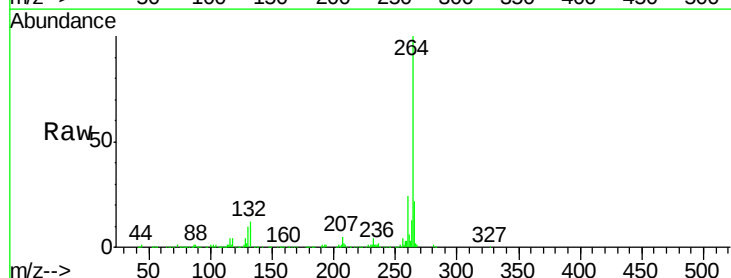
Tgt Ion:264 Resp: 521335

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	21.8	17.7	26.5

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

25.06

200000

150000

100000

50000

0

Time-->

25.00 25.20

