

Data Path : Z:\HPCHEM1\BNA G\DATA\BG113017\
 Data File : BG031303.D
 Acq On : 1 Dec 2017 00:45
 Operator : SJ/JU
 Sample : I6635-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 01 03:19:50 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	8.13	152	66490	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	275288	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	179635	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	468489	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	556996	20.00	ng	-0.02
86) Perylene-d12	25.06	264	543187	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	149541	38.57	ng	-0.02
7) Phenol-d6	7.29	99	113181	21.67	ng	-0.01
23) Nitrobenzene-d5	9.30	82	396434	85.33	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	222982	76.73	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1167333	93.37	ng	-0.02
78) Terphenyl-d14	20.09	244	2008051	79.60	ng	-0.01

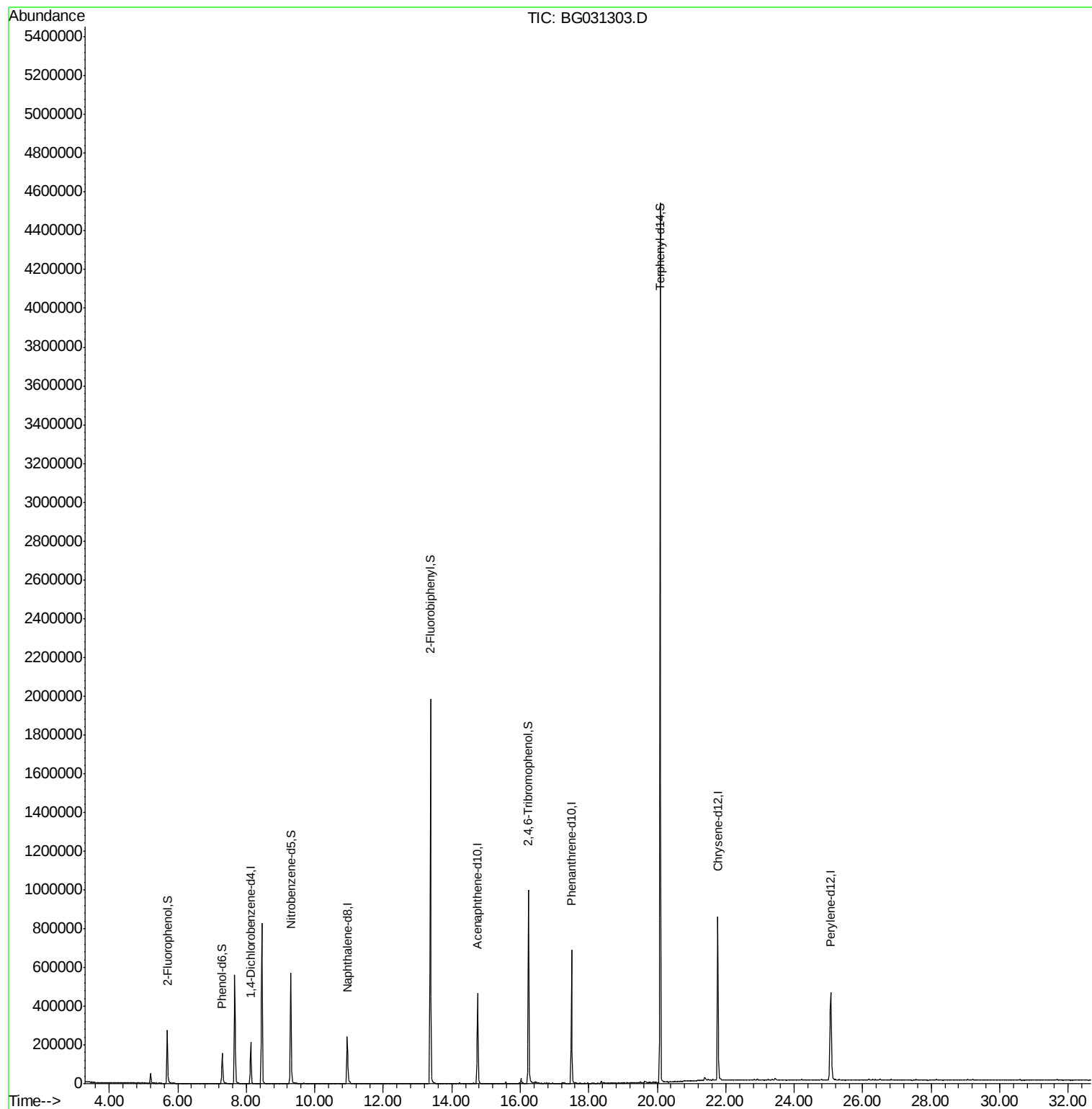
Target Compounds Qvalue

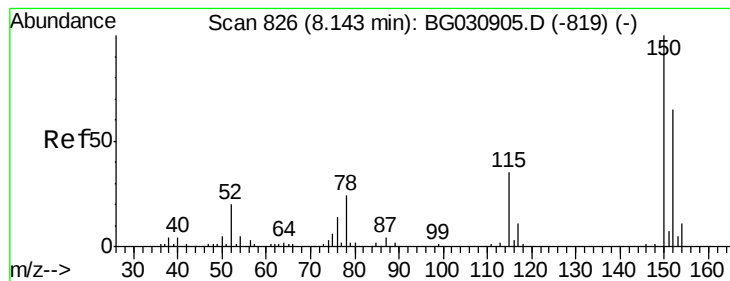
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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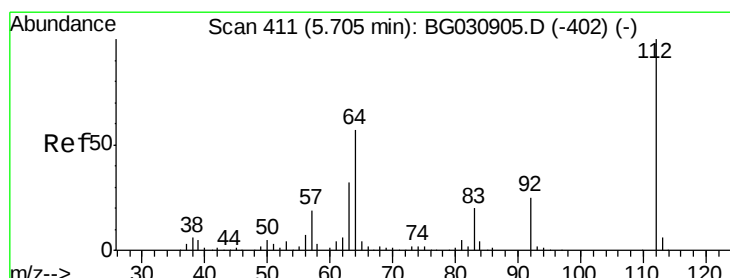
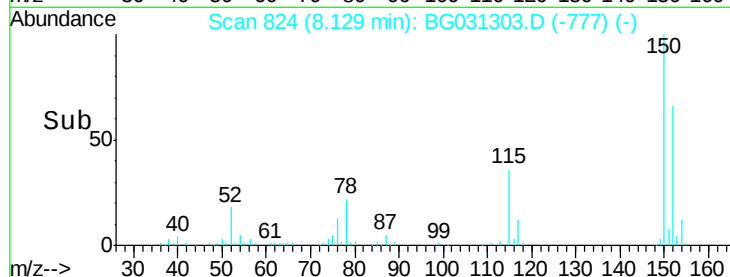
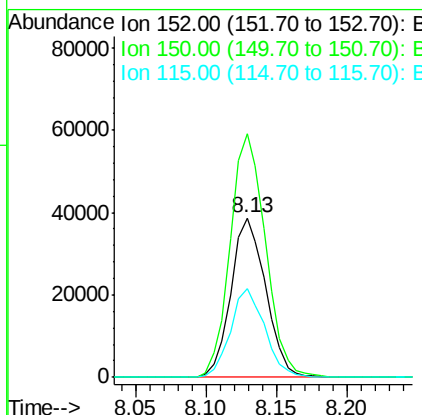
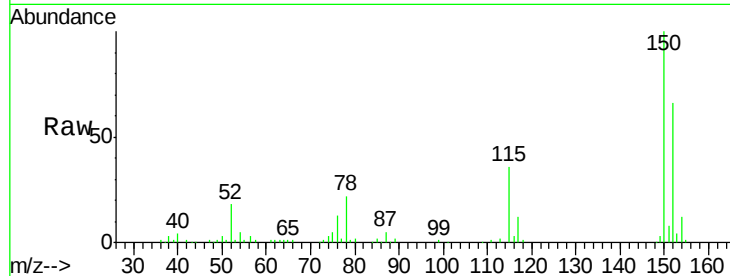




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.13 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BG031303.D
 Acq: 1 Dec 2017 00:45

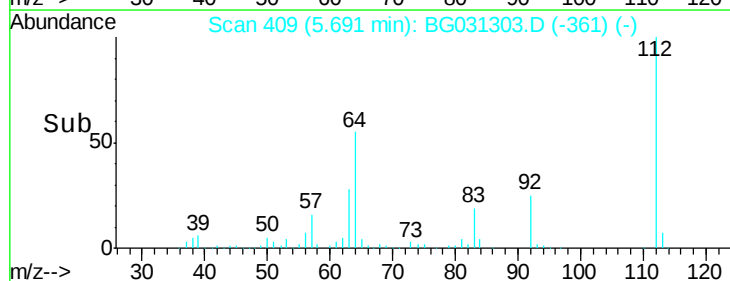
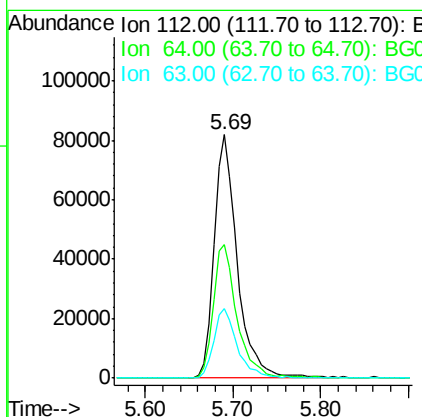
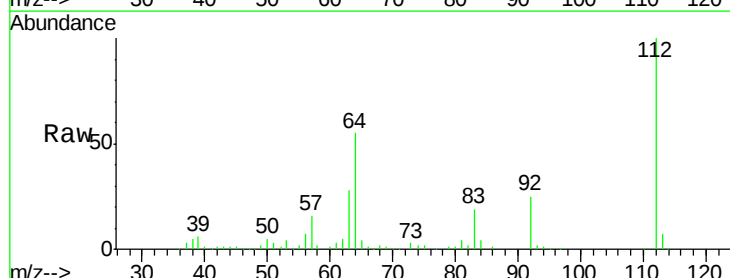
Instrument :
 BNA_G
 ClientSampleId :

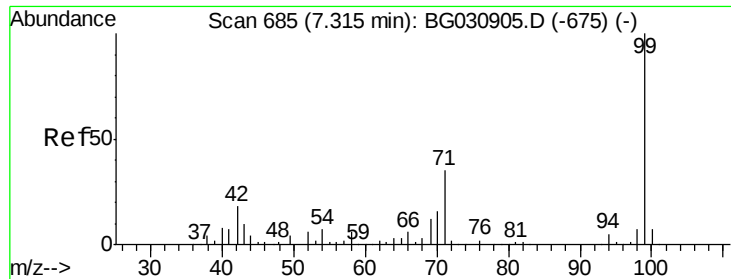
Tot Ion:152 Resp: 66490
 Ion Ratio Lower Upper
 152 100
 150 152.5 126.6 189.8
 115 55.6 53.0 79.4



#5
 2-Fluorophenol
 Concen: 38.57 ng
 RT: 5.69 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: BG031303.D
 Acq: 1 Dec 2017 00:45

Tgt Ion:112 Resp: 149541
 Ion Ratio Lower Upper
 112 100
 64 54.8 56.3 84.5#
 63 28.5 30.1 45.1#





#7

Phenol-d6

Concen: 21.67 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031303.D

Acq: 1 Dec 2017 00:45

Instrument :

BNA_G

ClientSampleId :

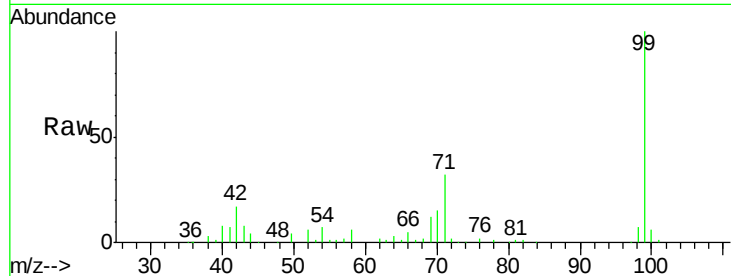
Tot Ion: 99 Resp: 113181

Ion Ratio Lower Upper

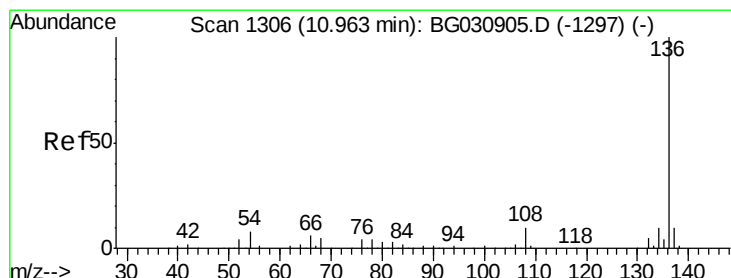
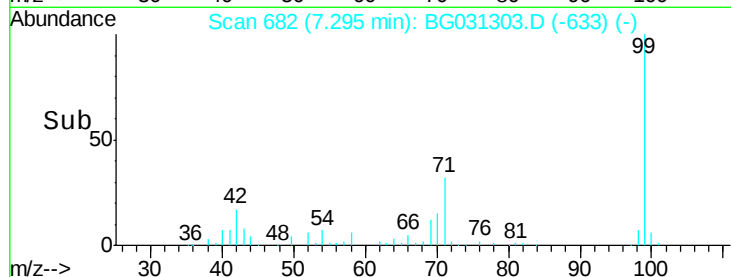
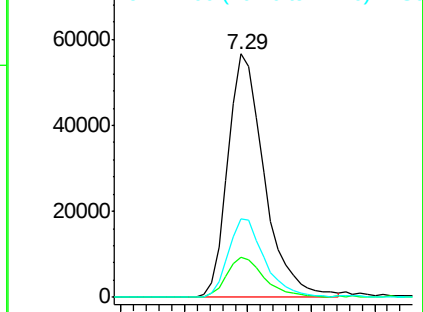
99 100

42 16.7 14.1 21.1

71 32.1 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: 10.95 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BG031303.D

Acq: 1 Dec 2017 00:45

Tgt Ion: 136 Resp: 275288

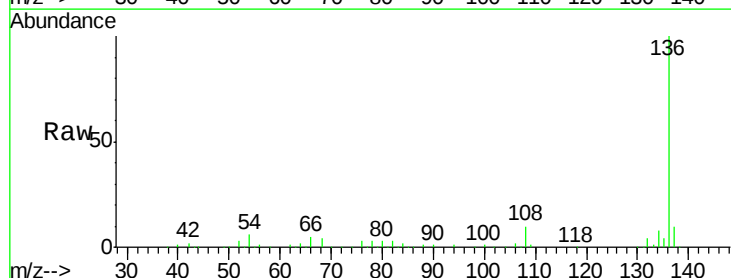
Ion Ratio Lower Upper

136 100

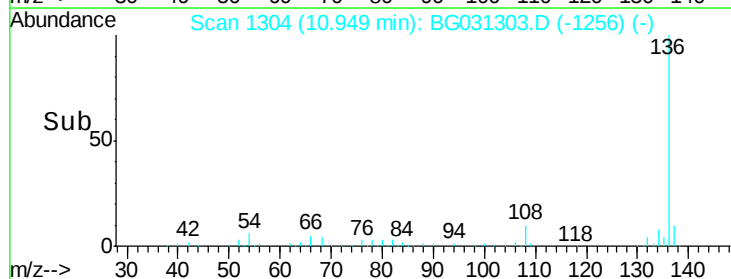
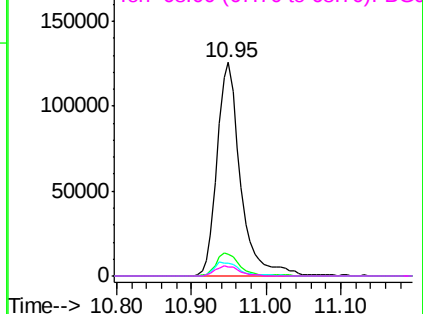
137 10.2 9.2 13.8

54 6.1 10.3 15.5#

68 4.3 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

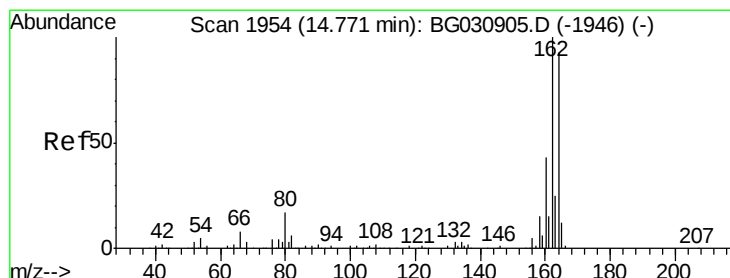
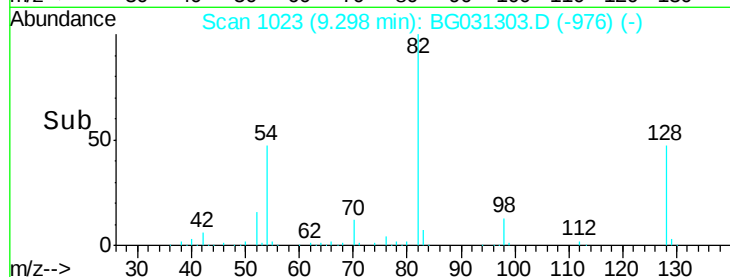
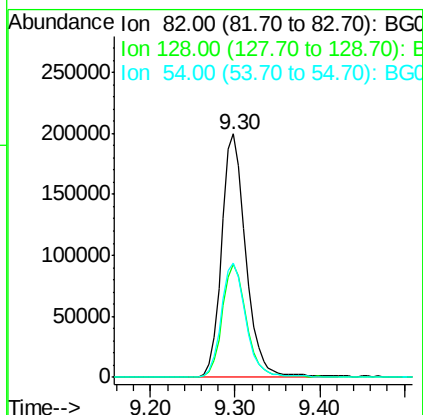
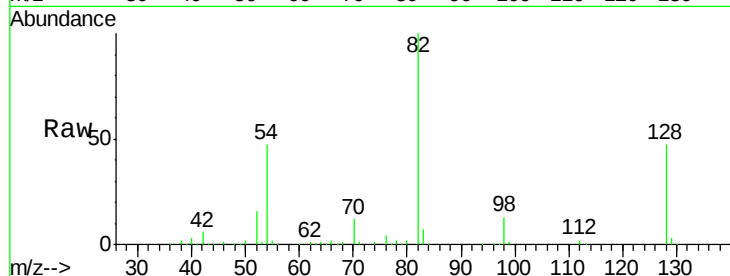




#23
 Nitrobenzene-d5
 Concen: 85.33 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG031303.D
 Acq: 1 Dec 2017 00:45

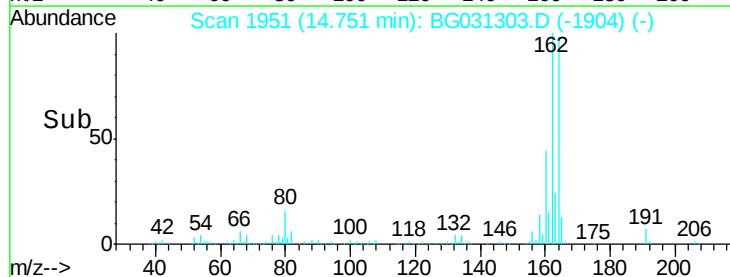
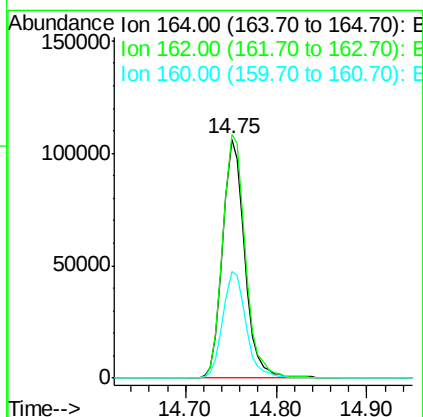
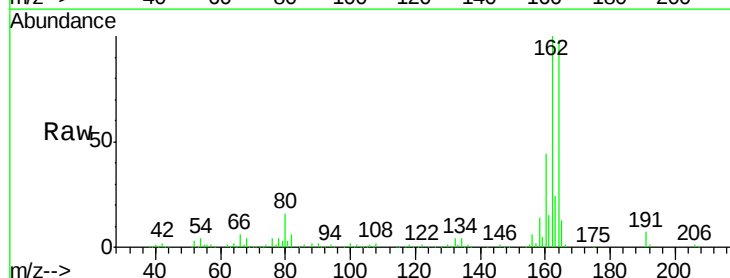
Instrument :
 BNA_G
 ClientSampled :

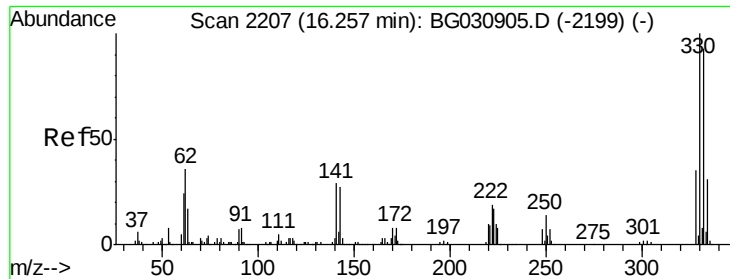
Tot Ion: 82 Resp: 396434
 Ion Ratio Lower Upper
 82 100
 128 46.6 29.7 44.5#
 54 47.2 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.02 min
 Lab File: BG031303.D
 Acq: 1 Dec 2017 00:45

Tgt Ion:164 Resp: 179635
 Ion Ratio Lower Upper
 164 100
 162 102.0 78.8 118.2
 160 44.9 35.4 53.0

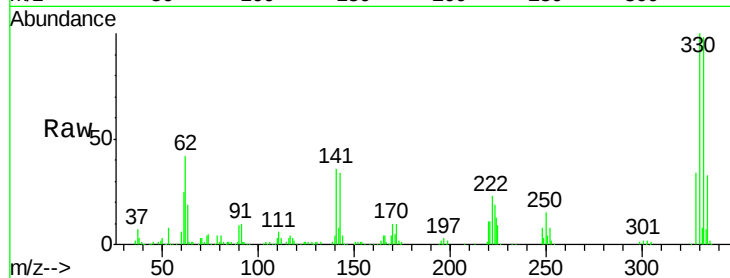




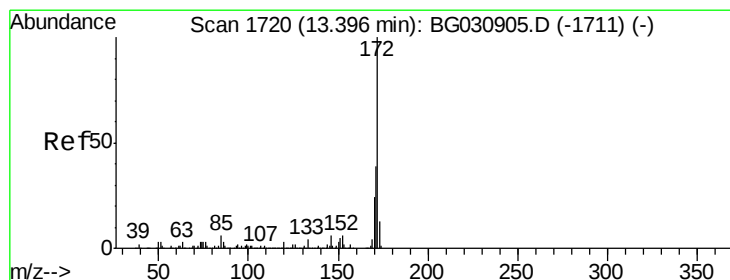
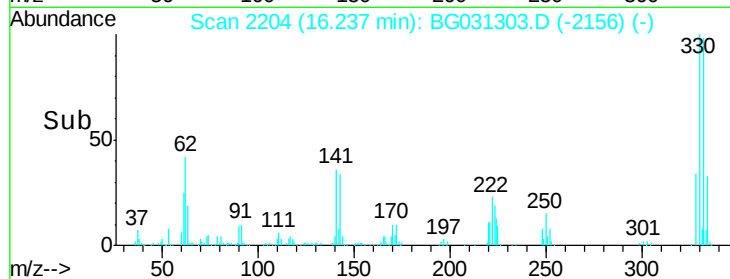
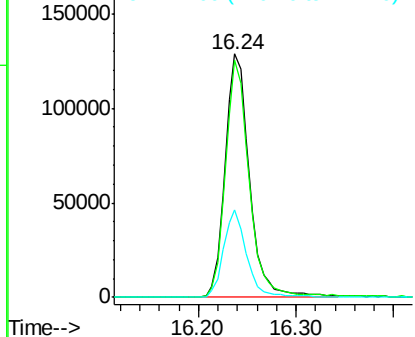
#41
 2,4,6-Tribromophenol
 Concen: 76.73 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031303.D
 Acq: 1 Dec 2017 00:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	34.1	25.2	37.8

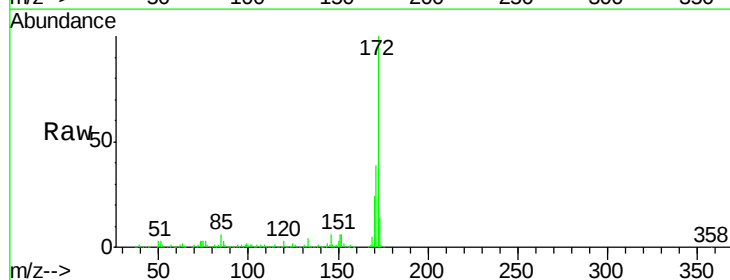


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

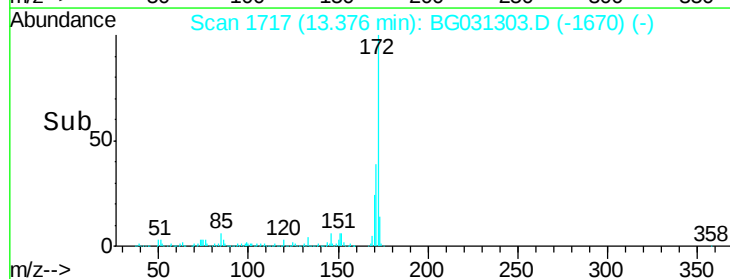
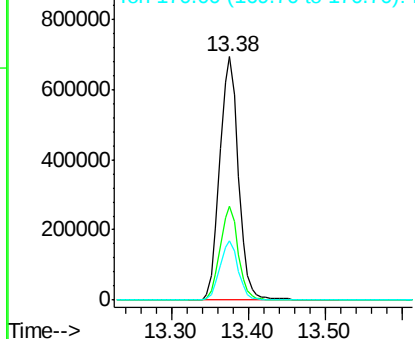


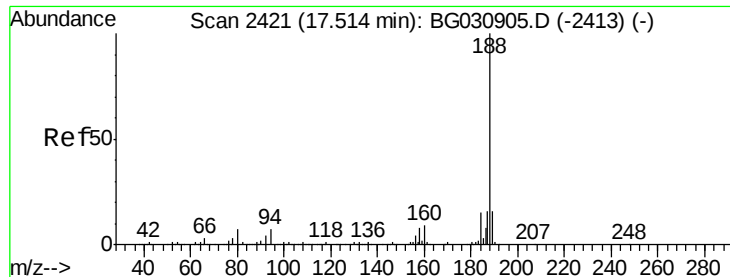
#44
 2-Fluorobiphenyl
 Concen: 93.37 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031303.D
 Acq: 1 Dec 2017 00:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.0	45.0
170	24.2	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# 2418

Delta R.T. -0.02 min

Lab File: BG031303.D

Acq: 1 Dec 2017 00:45

Instrument :

BNA_G

ClientSampleId :

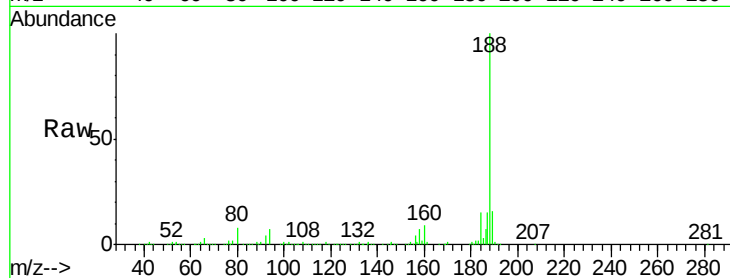
Tot Ion:188 Resp: 468489

Ion Ratio Lower Upper

188 100

94 7.2 6.9 10.3

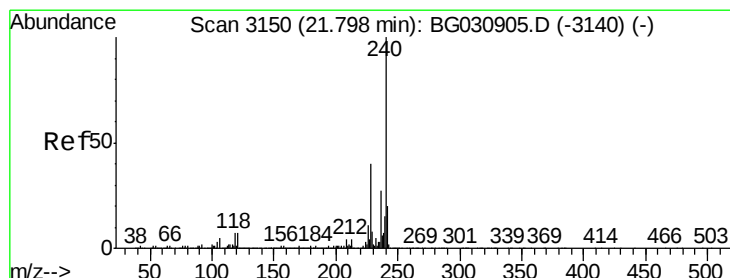
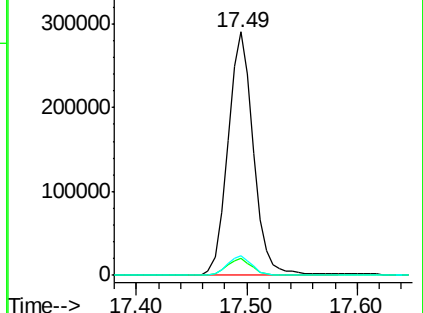
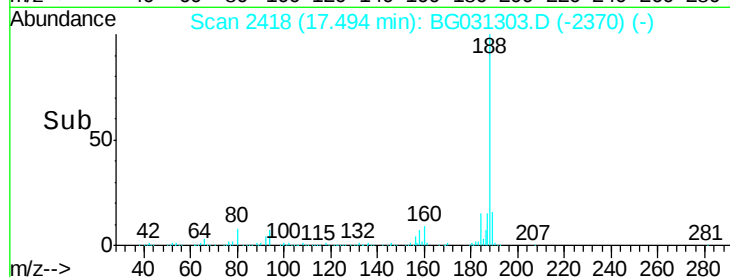
80 7.8 7.7 11.5



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: 20.00 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031303.D

Acq: 1 Dec 2017 00:45

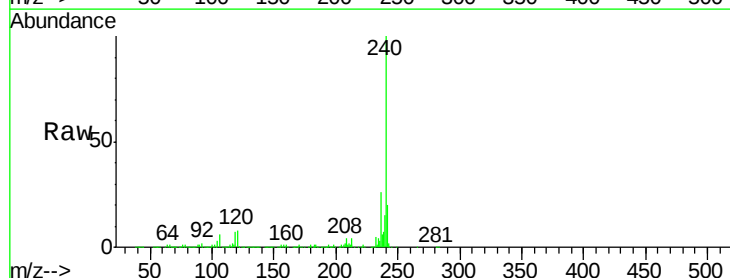
Tgt Ion:240 Resp: 556996

Ion Ratio Lower Upper

240 100

120 7.7 6.8 10.2

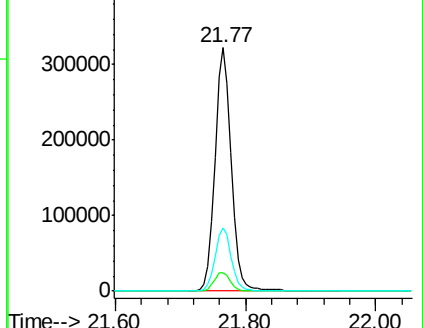
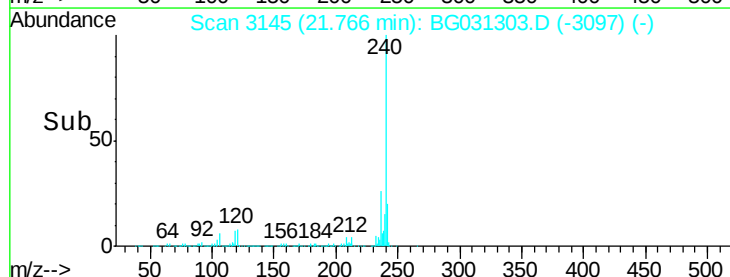
236 25.9 20.9 31.3



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: 79.60 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031303.D

Acq: 1 Dec 2017 00:45

Instrument :

BNA_G

ClientSampleId :

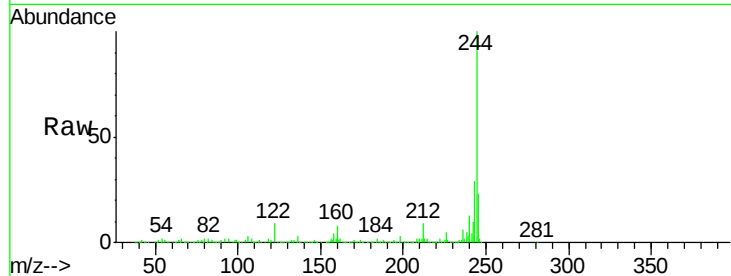
Tot Ion:244 Resp: 2008051

Ion Ratio Lower Upper

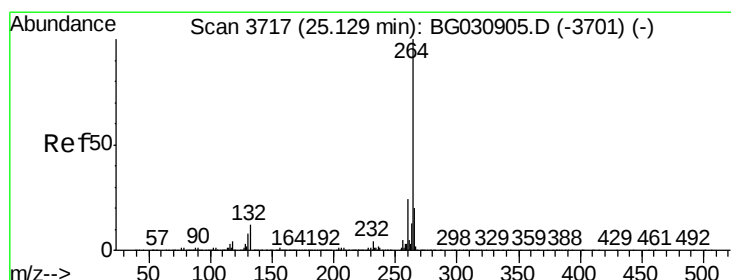
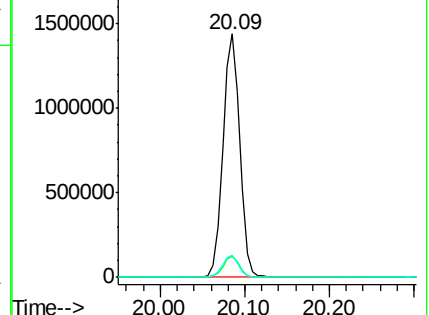
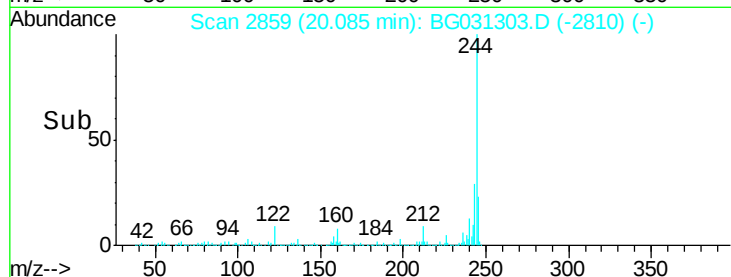
244 100

212 8.6 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: 20.00 ng

RT: 25.06 min Scan# 3706

Delta R.T. -0.03 min

Lab File: BG031303.D

Acq: 1 Dec 2017 00:45

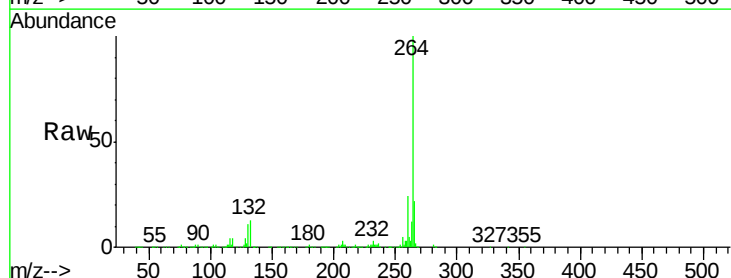
Tgt Ion:264 Resp: 543187

Ion Ratio Lower Upper

264 100

260 23.6 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

