

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111517\
 Data File : BG031015.D
 Acq On : 15 Nov 2017 14:56
 Operator : SJ/JU
 Sample : PB104287TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 15 15:45:38 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	24654	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	93690	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	66129	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	196802	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	333243	20.00	ng	-0.02
86) Perylene-d12	25.07	264	234783	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	148096	103.01	ng	0.00
7) Phenol-d6	7.31	99	180506	93.19	ng	0.00
23) Nitrobenzene-d5	9.30	82	108314	68.51	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	146904	137.33	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	365459	79.41	ng	-0.01
78) Terphenyl-d14	20.08	244	997976	66.13	ng	-0.01

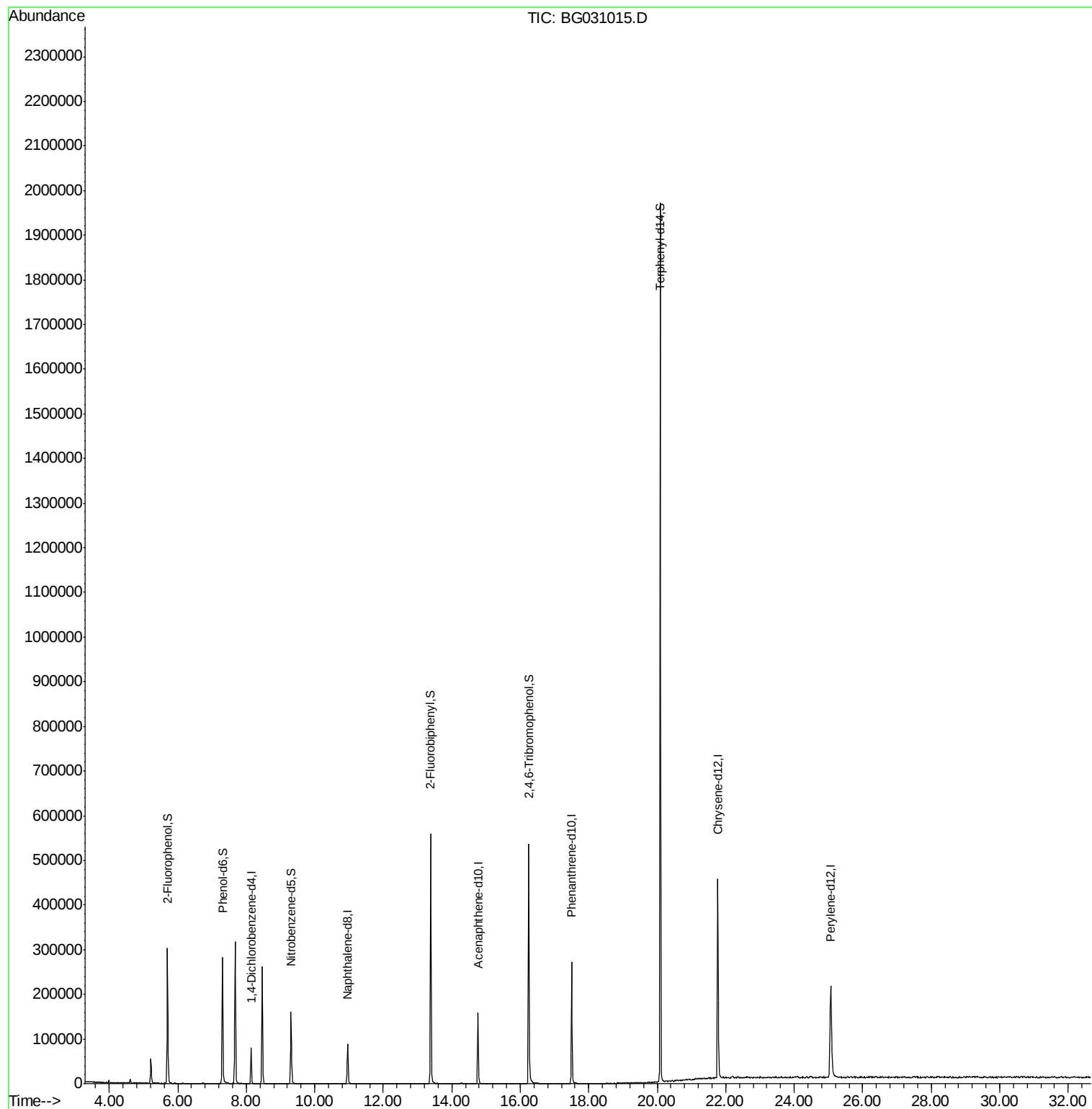
Target Compounds Qvalue

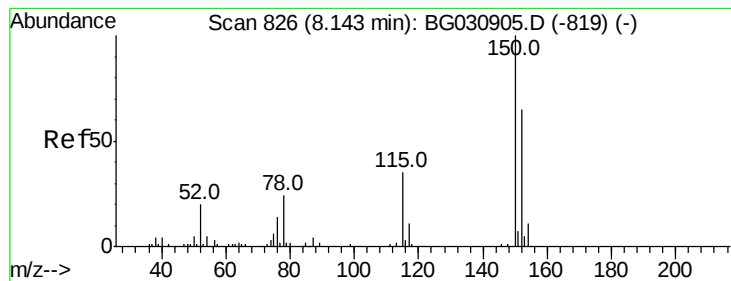
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG031015.D

Acq: 15 Nov 2017 14:56

Instrument :

BNA_G

ClientSampleId :

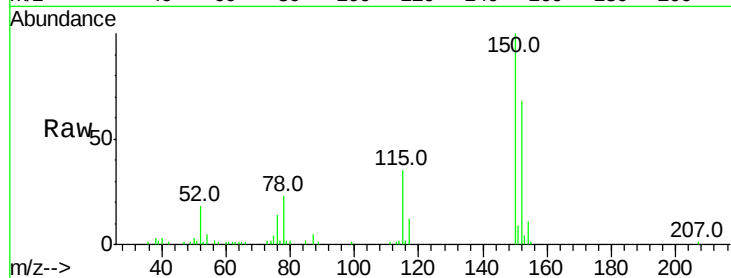
Tot Ion:152 Resp: 24654

Ion Ratio Lower Upper

152 100

150 147.1 126.6 189.8

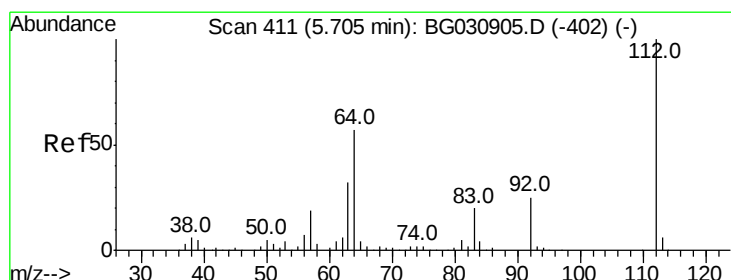
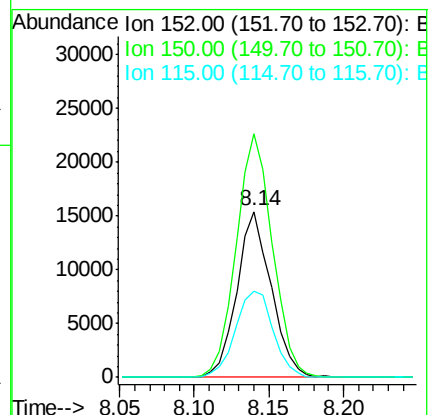
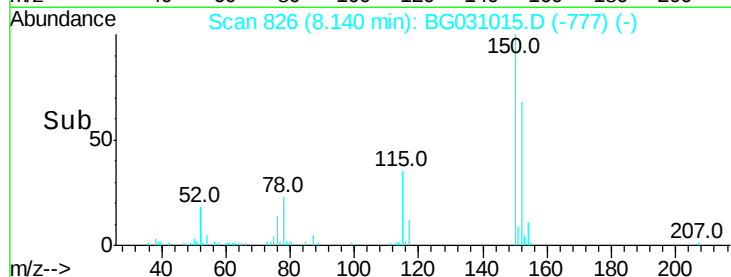
115 52.2 53.0 79.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 103.005 ng

RT: 5.70 min Scan# 411

Delta R.T. -0.01 min

Lab File: BG031015.D

Acq: 15 Nov 2017 14:56

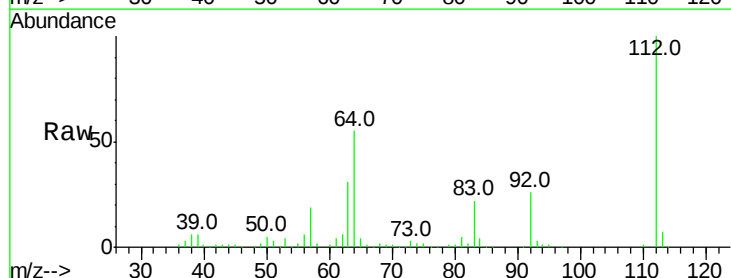
Tgt Ion:112 Resp: 148096

Ion Ratio Lower Upper

112 100

64 55.5 56.3 84.5#

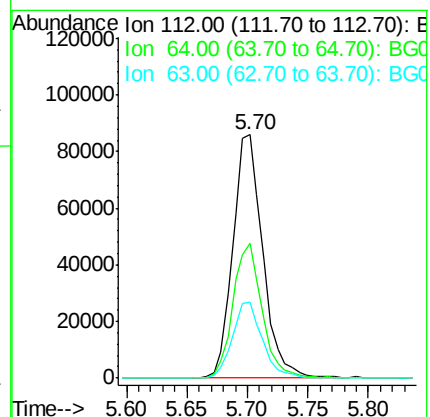
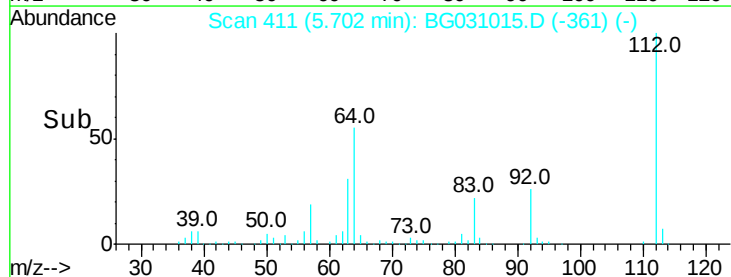
63 31.0 30.1 45.1

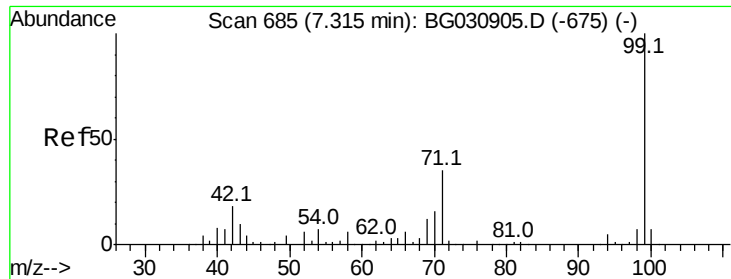


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 93.190 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG031015.D

Acq: 15 Nov 2017 14:56

Instrument :

BNA_G

ClientSampleId :

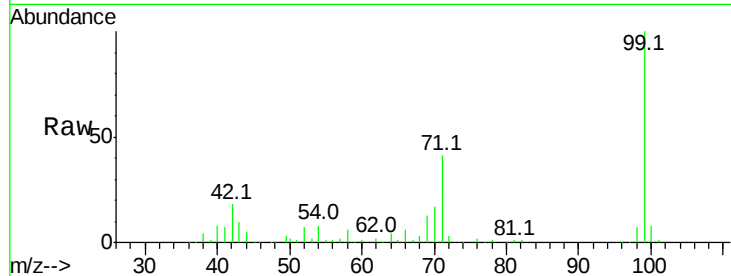
Tot Ion: 99 Resp: 180506

Ion Ratio Lower Upper

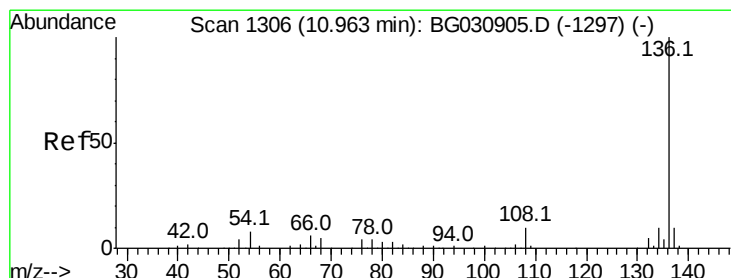
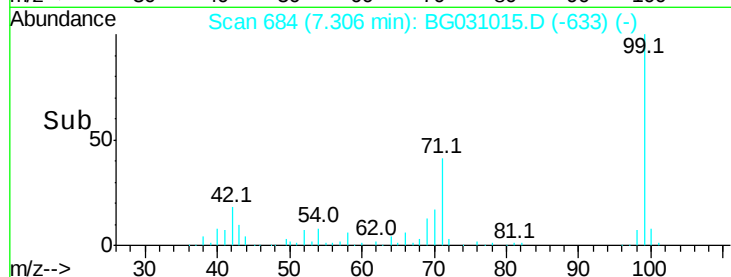
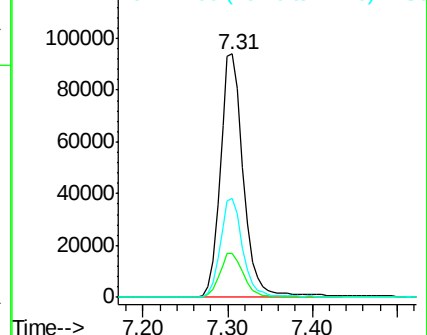
99 100

42 17.9 14.1 21.1

71 40.5 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: 10.95 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG031015.D

Acq: 15 Nov 2017 14:56

Tgt Ion: 136 Resp: 93690

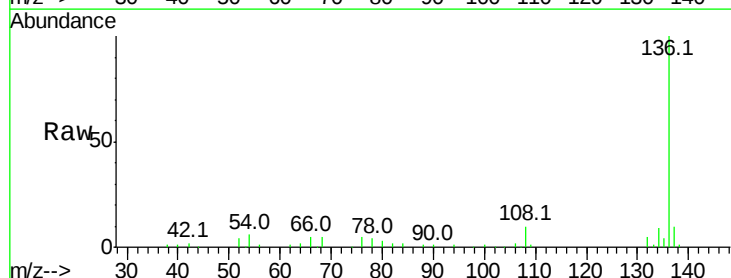
Ion Ratio Lower Upper

136 100

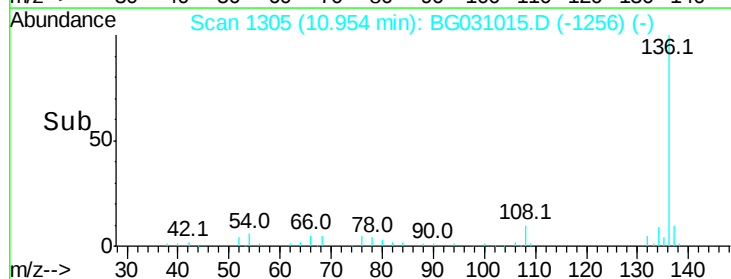
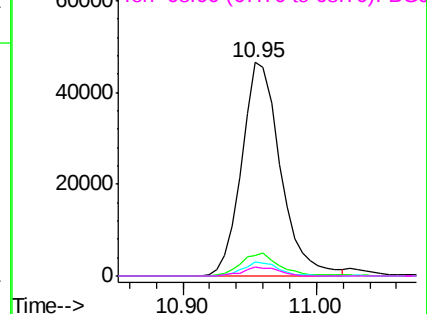
137 9.8 9.2 13.8

54 6.5 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

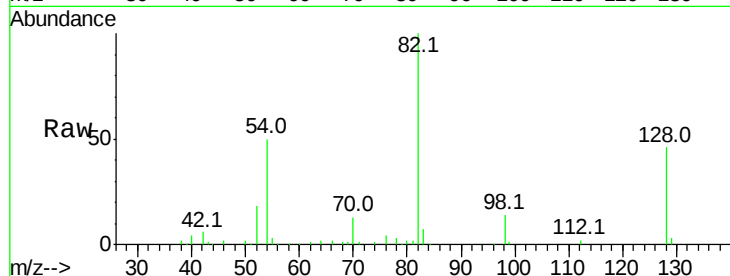




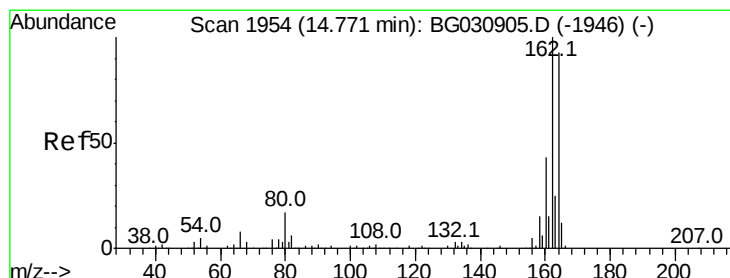
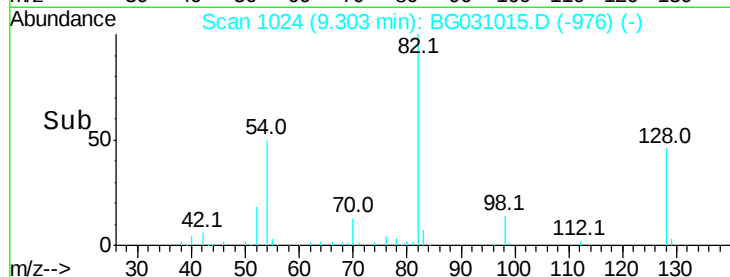
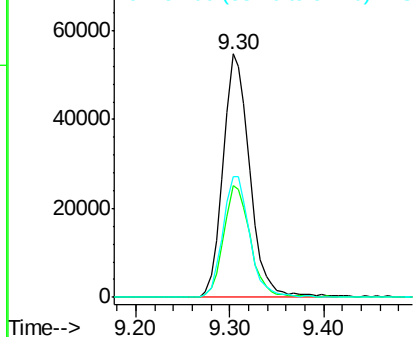
#23
 Nitrobenzene-d5
 Concen: 68.506 ng
 RT: 9.30 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG031015.D
 Acq: 15 Nov 2017 14:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 108314
 Ion Ratio Lower Upper
 82 100
 128 46.0 29.7 44.5#
 54 49.7 43.1 64.7

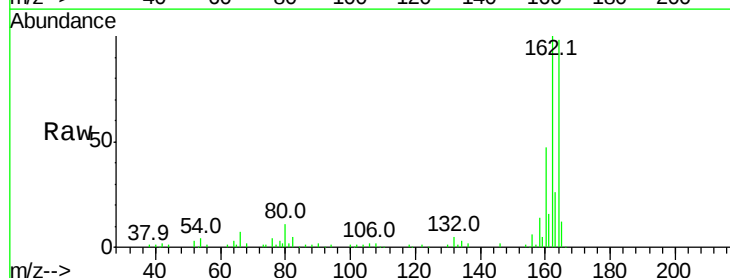


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

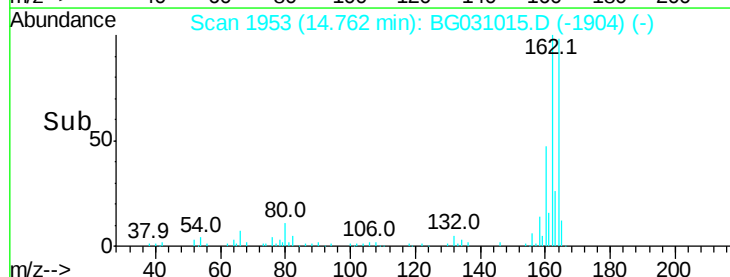
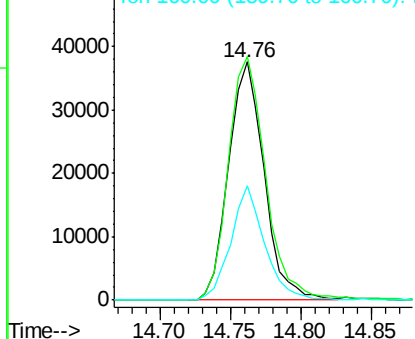


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG031015.D
 Acq: 15 Nov 2017 14:56

Tgt Ion:164 Resp: 66129
 Ion Ratio Lower Upper
 164 100
 162 102.3 78.8 118.2
 160 47.8 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

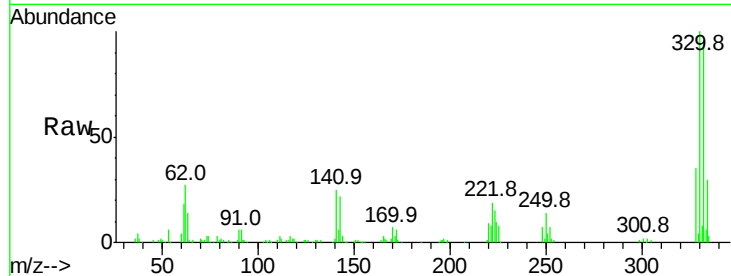




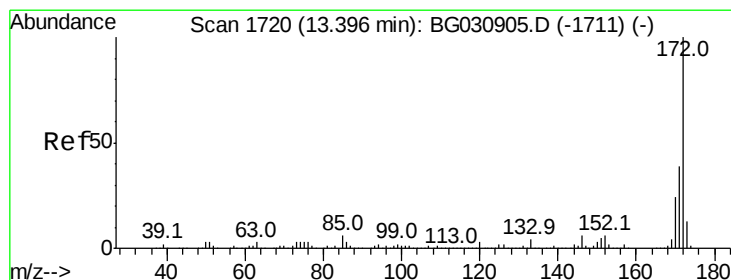
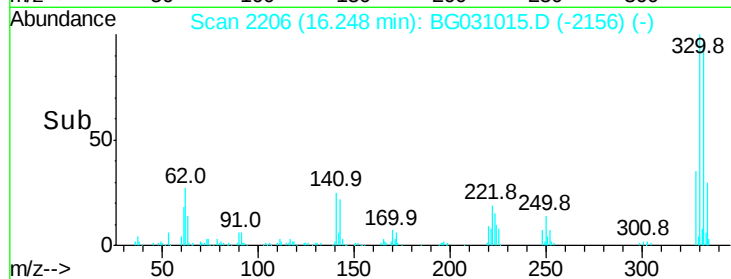
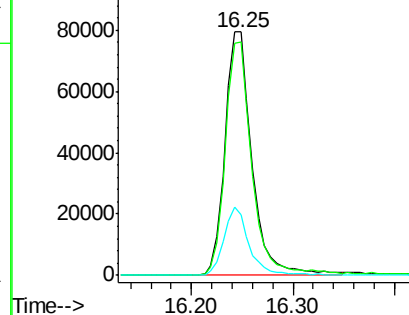
#41
 2,4,6-Tribromophenol
 Concen: 137.325 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG031015.D
 Acq: 15 Nov 2017 14:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	26.2	25.2	37.8

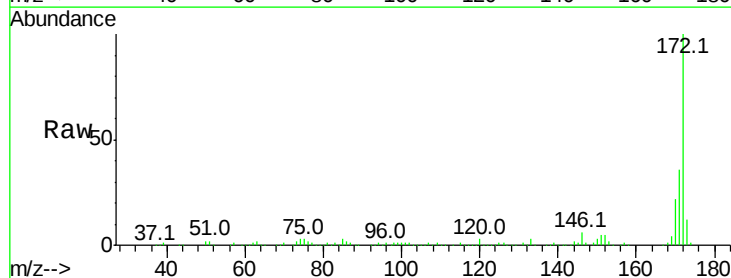


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

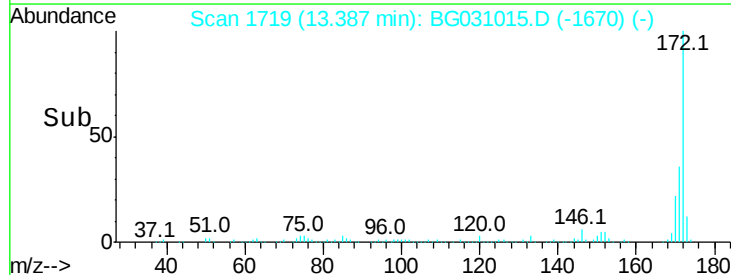
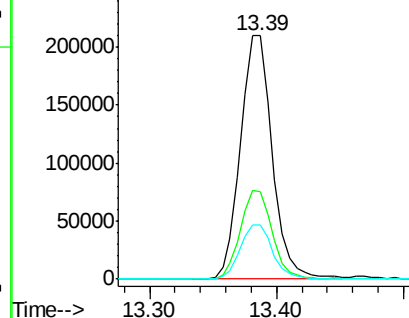


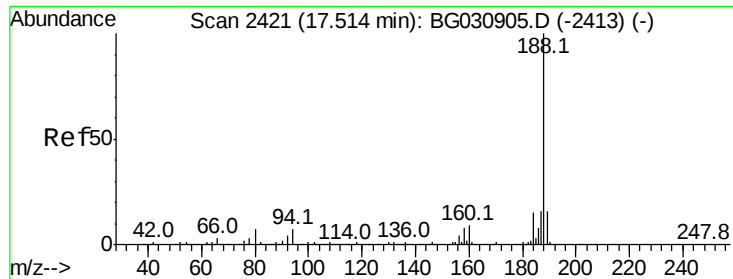
#44
 2-Fluorobiphenyl
 Concen: 79.409 ng
 RT: 13.39 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG031015.D
 Acq: 15 Nov 2017 14:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.0	45.0
170	22.2	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

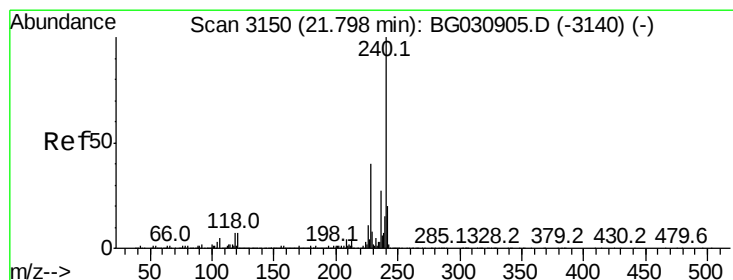
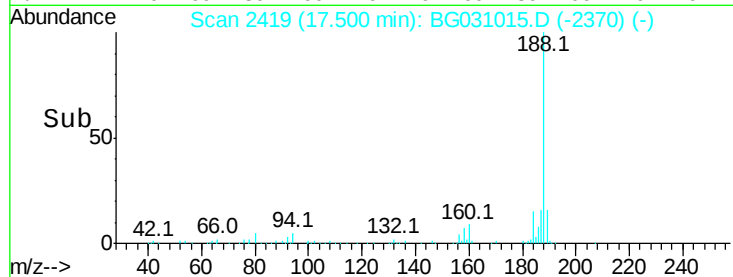
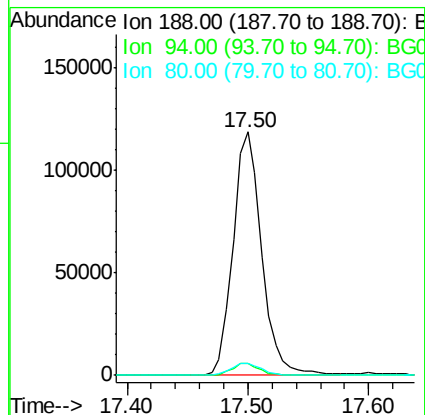
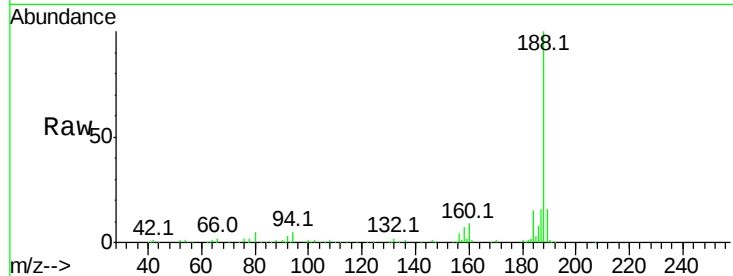




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG031015.D
 Acq: 15 Nov 2017 14:56

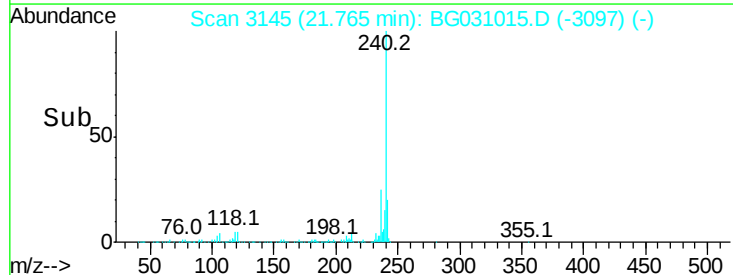
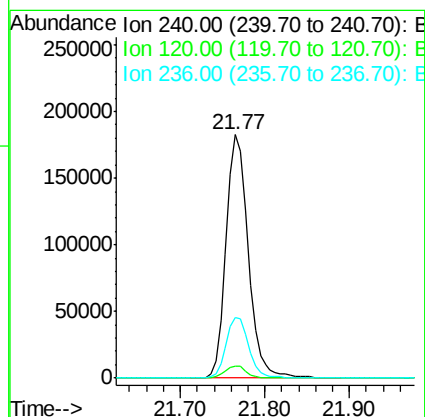
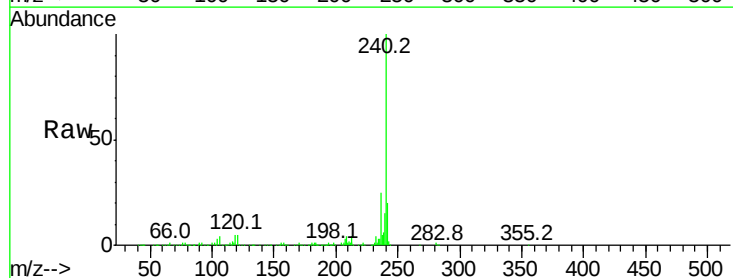
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 196802
 Ion Ratio Lower Upper
 188 100
 94 5.0 6.9 10.3#
 80 5.0 7.7 11.5#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.02 min
 Lab File: BG031015.D
 Acq: 15 Nov 2017 14:56

Tgt Ion:240 Resp: 333243
 Ion Ratio Lower Upper
 240 100
 120 5.0 6.8 10.2#
 236 25.1 20.9 31.3





#78

Terphenyl-d14

Concen: 66.126 ng

RT: 20.08 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031015.D

Acq: 15 Nov 2017 14:56

Instrument :

BNA_G

ClientSampled :

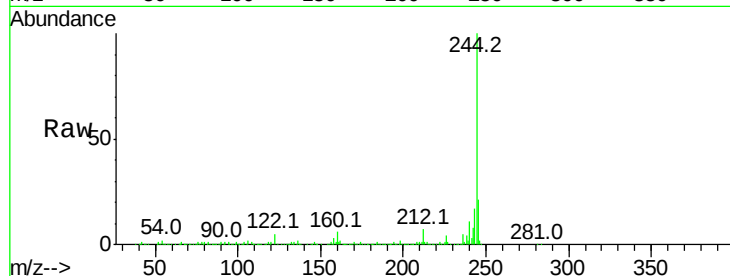
Tot Ion:244 Resp: 997976

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

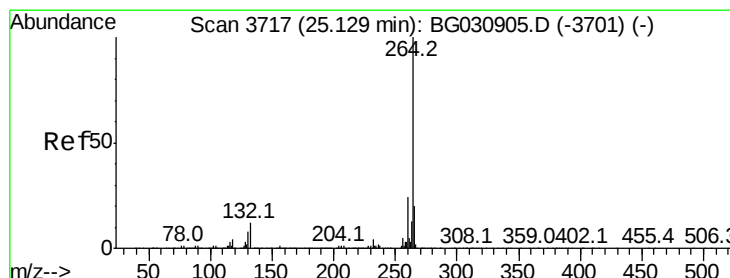
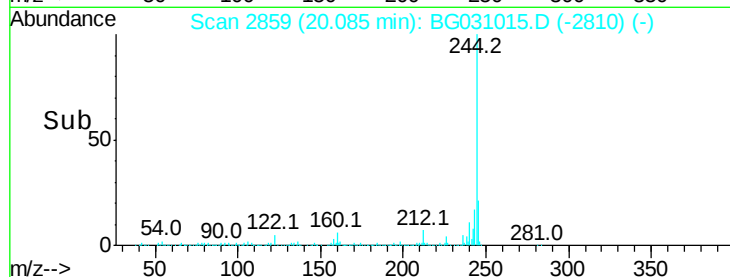
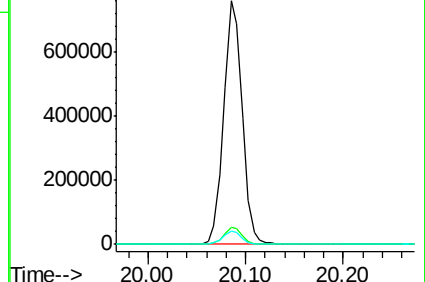
122 5.4 7.0 10.4#



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# 3707

Delta R.T. -0.02 min

Lab File: BG031015.D

Acq: 15 Nov 2017 14:56

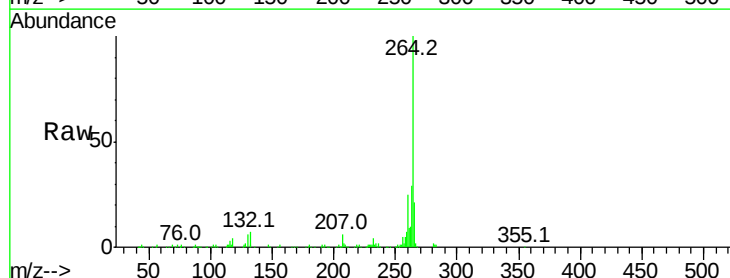
Tgt Ion:264 Resp: 234783

Ion Ratio Lower Upper

264 100

260 25.3 17.4 26.0

265 21.4 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

