

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG010918\
 Data File : BG031968.D
 Acq On : 10 Jan 2018 5:49
 Operator : SJ/JU
 Sample : J1044-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-COMP-B

Quant Time: Jan 10 06:34:40 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 05 15:31:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	60777	20.00	ng	0.00
21) Naphthalene-d8	11.66	136	250789	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	177372	20.00	ng	-0.02
63) Phenanthrene-d10	18.14	188	453476	20.00	ng	-0.02
75) Chrysene-d12	22.48	240	504573	20.00	ng	-0.04
86) Perylene-d12	26.21	264	507532	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	354482	106.23	ng	0.00
7) Phenol-d6	7.89	99	427558	98.69	ng	0.00
23) Nitrobenzene-d5	9.98	82	287183	86.47	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	331658	122.54	ng	-0.02
44) 2-Fluorobiphenyl	14.04	172	1033171	73.11	ng	-0.02
78) Terphenyl-d14	20.68	244	1818624	82.35	ng	-0.02

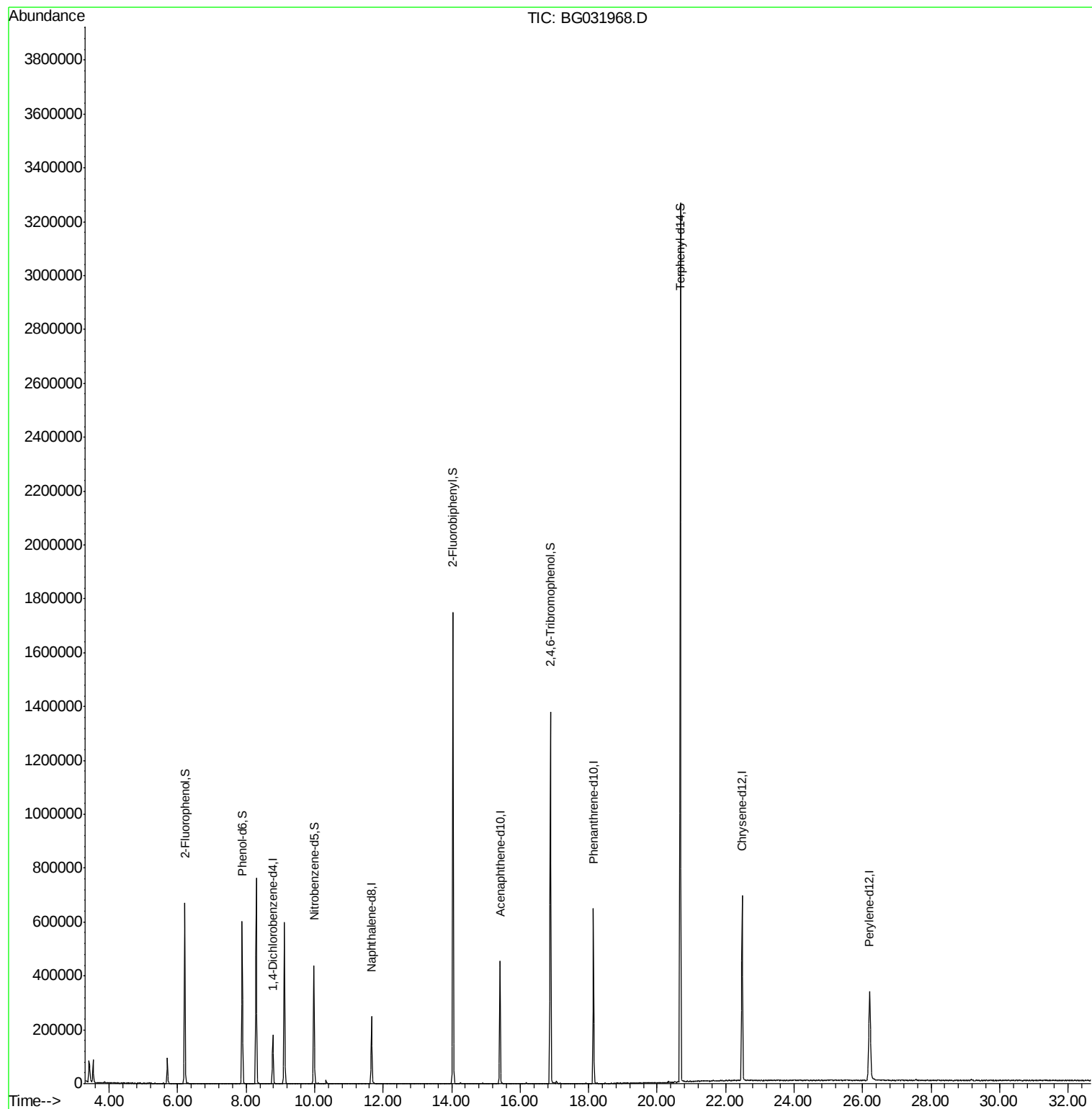
Target Compounds	Qvalue
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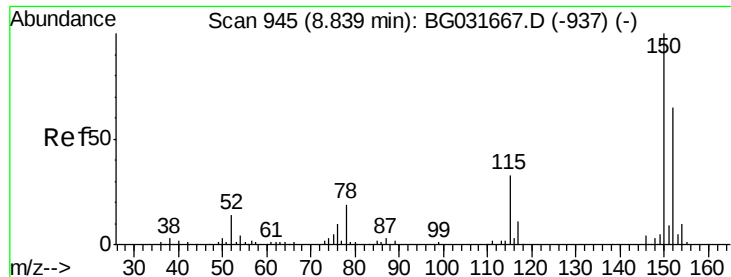
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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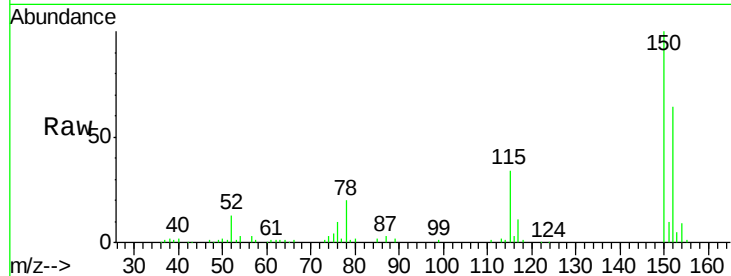


#1

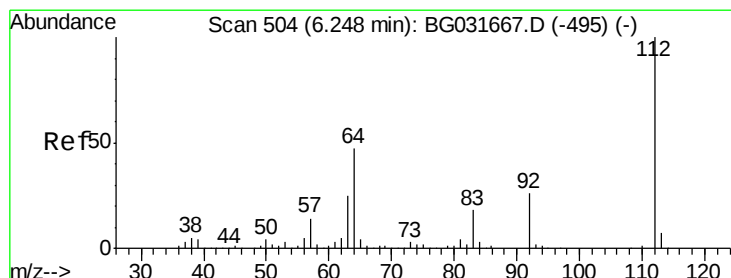
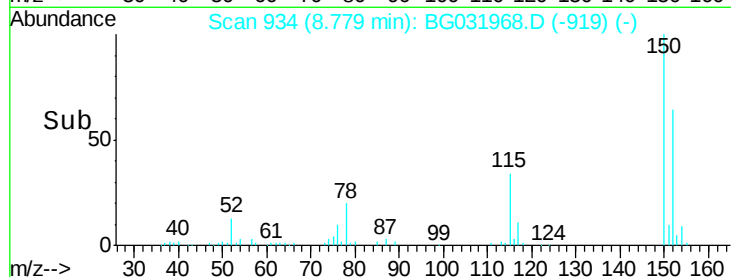
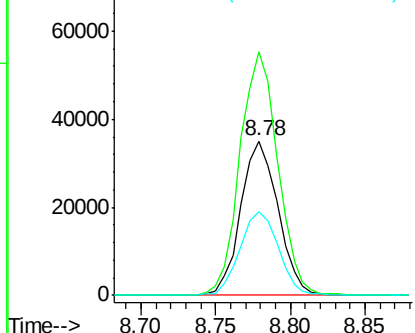
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.78 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: BG031968.D
 Acq: 10 Jan 2018 5:49

Instrument :
 BNA_G
 ClientSampleId :
 SP-COMP-B

Tgt Ion:152 Resp: 60777
 Ion Ratio Lower Upper
 152 100
 150 157.4 126.6 189.8
 115 54.1 53.0 79.4



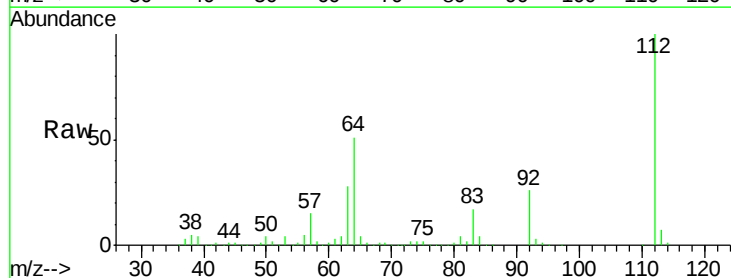
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



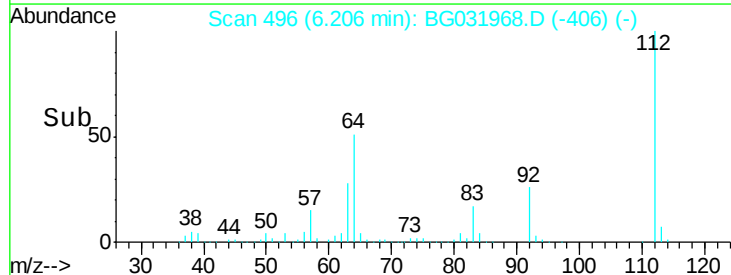
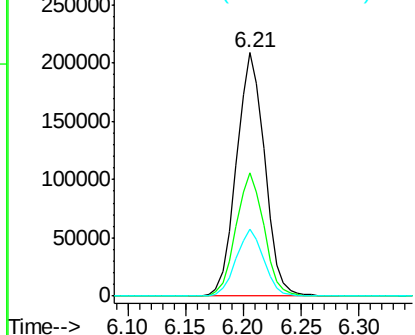
#5

2-Fluorophenol
 Concen: 106.232 ng
 RT: 6.21 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BG031968.D
 Acq: 10 Jan 2018 5:49

Tgt Ion:112 Resp: 354482
 Ion Ratio Lower Upper
 112 100
 64 50.6 56.3 84.5#
 63 27.6 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: 98.690 ng

RT: 7.89 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG031968.D

Acq: 10 Jan 2018 5:49

Instrument :

BNA_G

ClientSampleId :

SP-COMP-B

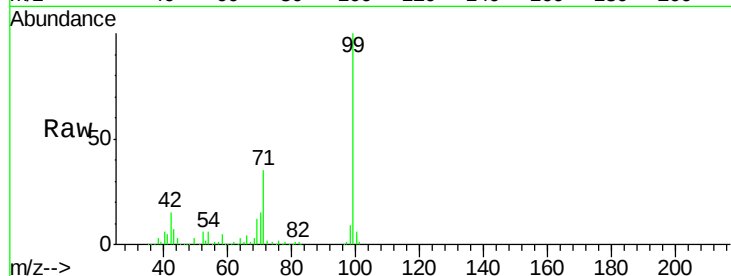
Tgt Ion: 99 Resp: 427558

Ion Ratio Lower Upper

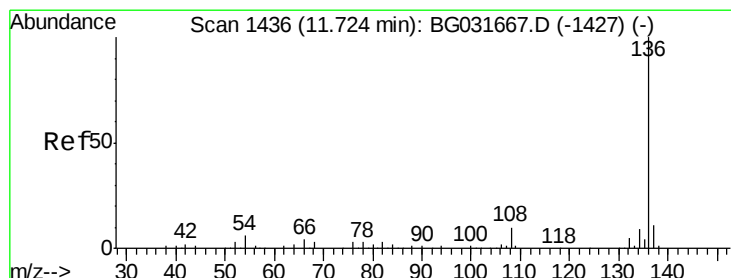
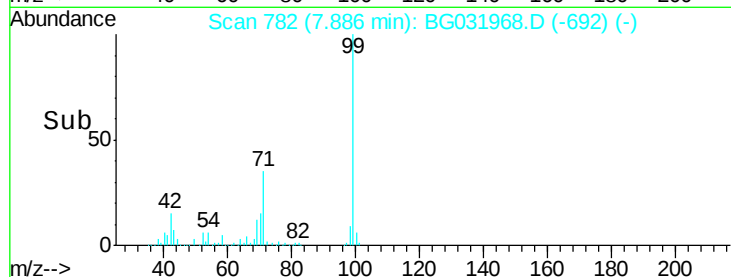
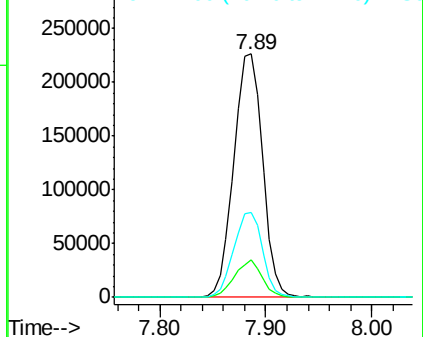
99 100

42 15.3 14.1 21.1

71 34.8 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: 11.66 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BG031968.D

Acq: 10 Jan 2018 5:49

Tgt Ion: 136 Resp: 250789

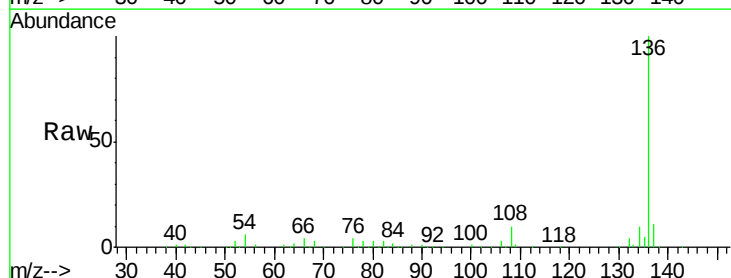
Ion Ratio Lower Upper

136 100

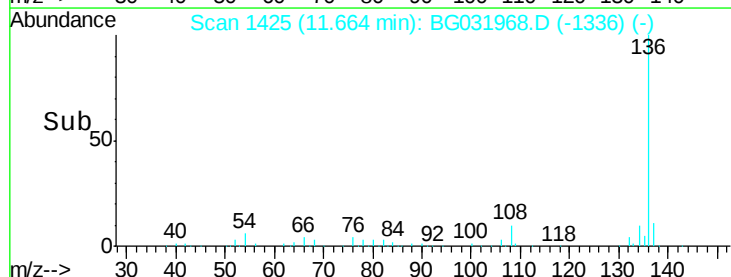
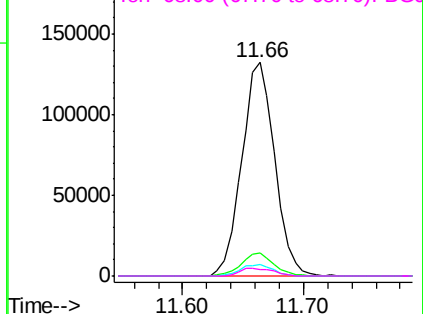
137 10.9 9.2 13.8

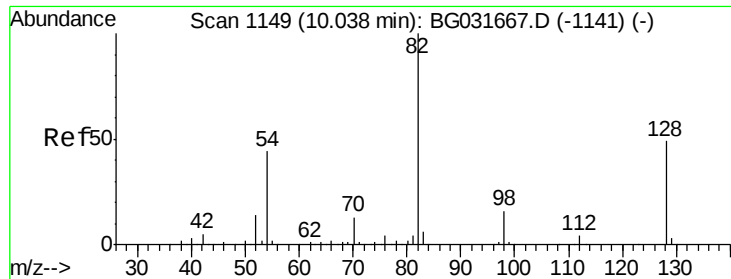
54 5.5 10.3 15.5#

68 3.1 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

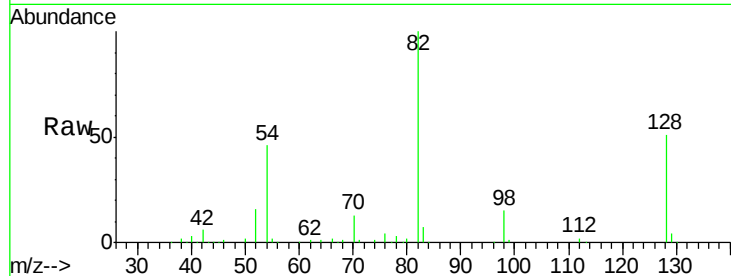




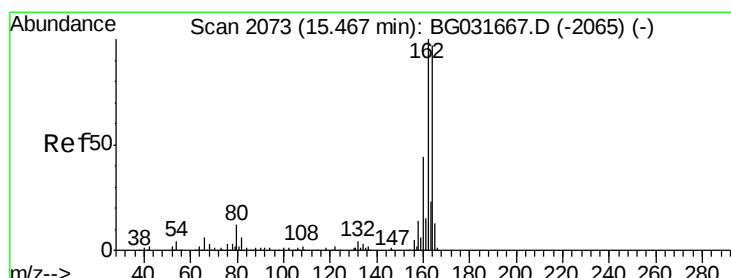
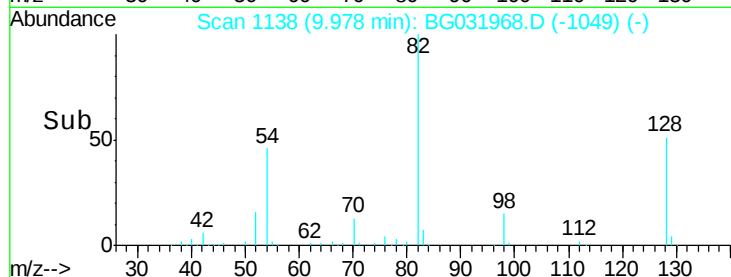
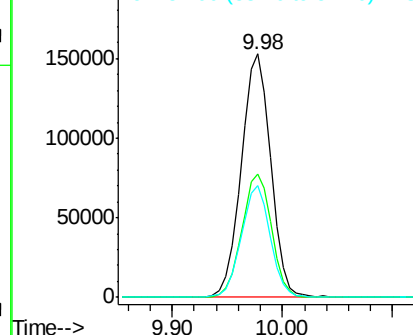
#23
 Nitrobenzene-d5
 Concen: 86.470 ng
 RT: 9.98 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BG031968.D
 Acq: 10 Jan 2018 5:49

Instrument :
 BNA_G
 ClientSampleId :
 SP-COMP-B

Tgt Ion: 82 Resp: 287183
 Ion Ratio Lower Upper
 82 100
 128 50.7 29.7 44.5#
 54 45.7 43.1 64.7

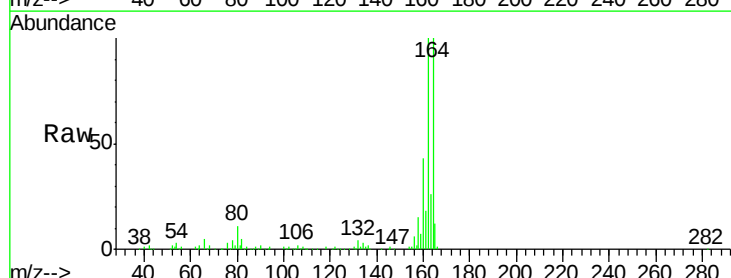


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

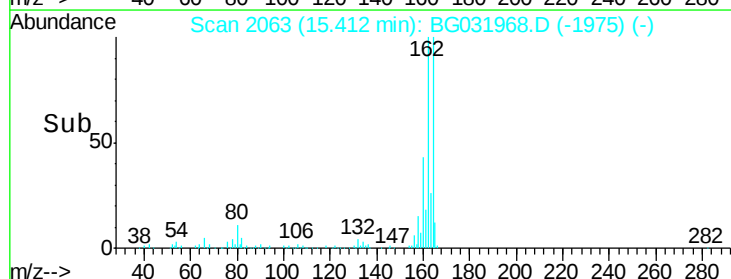
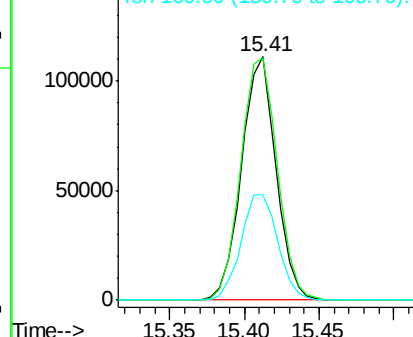


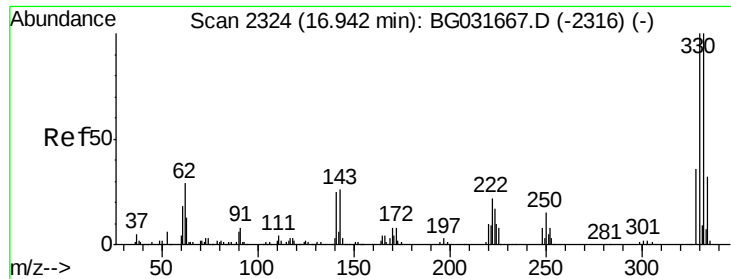
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2063
 Delta R.T. -0.02 min
 Lab File: BG031968.D
 Acq: 10 Jan 2018 5:49

Tgt Ion: 164 Resp: 177372
 Ion Ratio Lower Upper
 164 100
 162 99.8 78.8 118.2
 160 43.4 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

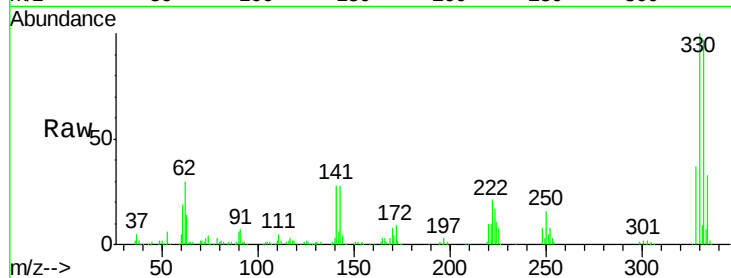




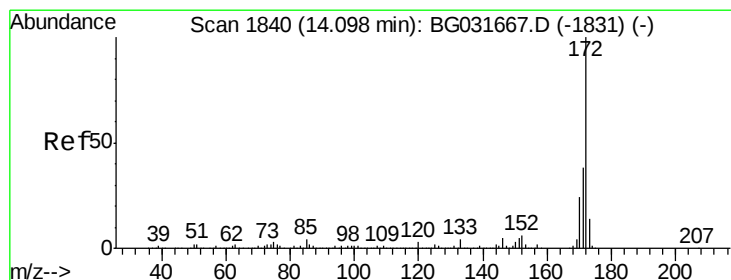
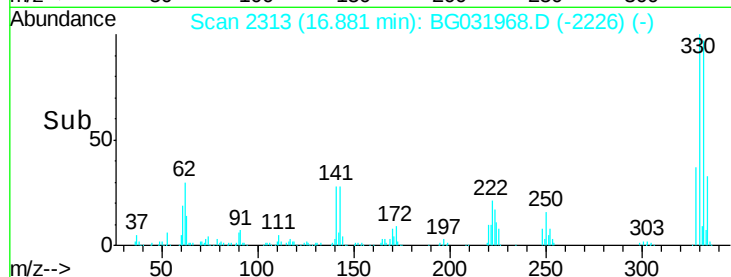
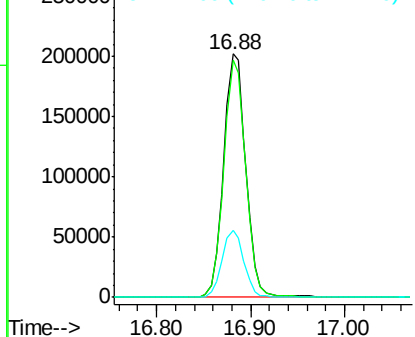
#41
 2,4,6-Tribromophenol
 Concen: 122.543 ng
 RT: 16.88 min Scan# 2313
 Delta R.T. -0.02 min
 Lab File: BG031968.D
 Acq: 10 Jan 2018 5:49

Instrument :
 BNA_G
 ClientSampleId :
 SP-COMP-B

Tgt Ion: 330 Resp: 331658
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 27.1 25.2 37.8

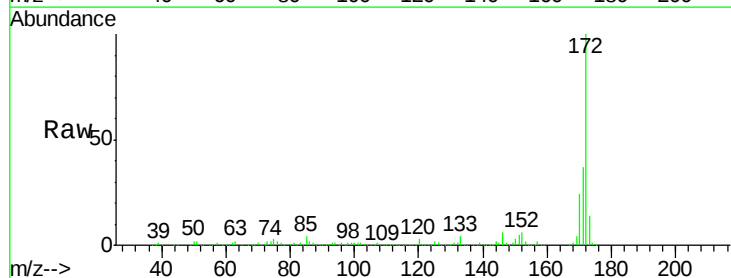


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

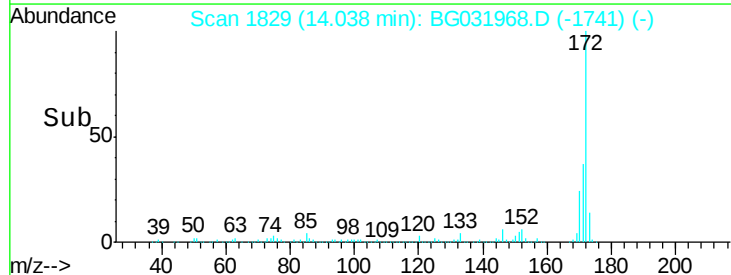
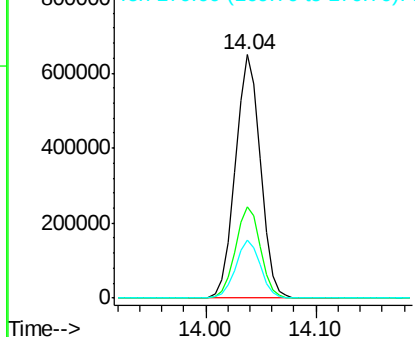


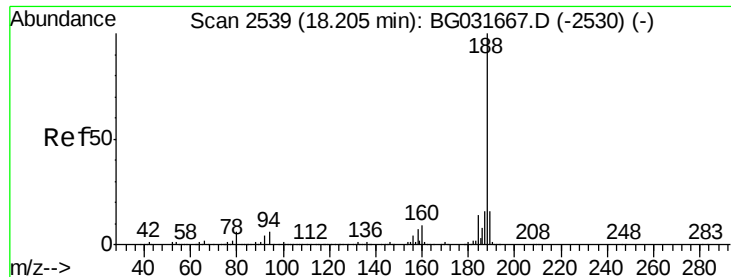
#44
 2-Fluorobiphenyl
 Concen: 73.110 ng
 RT: 14.04 min Scan# 1829
 Delta R.T. -0.02 min
 Lab File: BG031968.D
 Acq: 10 Jan 2018 5:49

Tgt Ion: 172 Resp: 1033171
 Ion Ratio Lower Upper
 172 100
 171 37.4 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

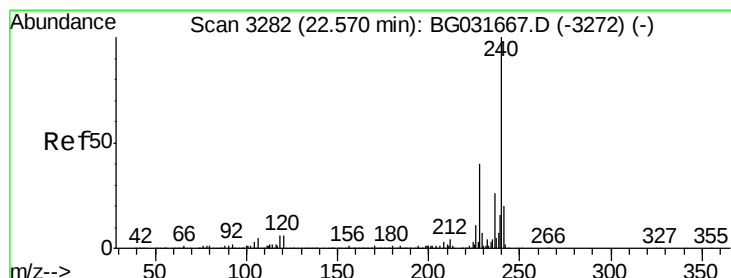
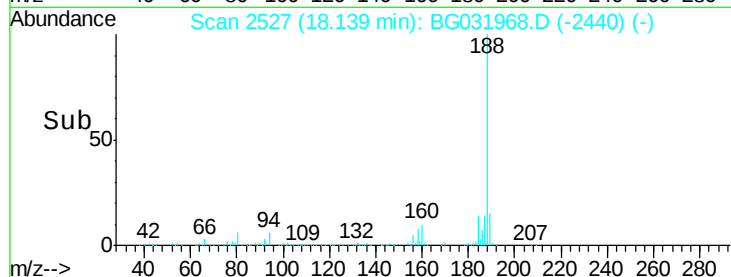
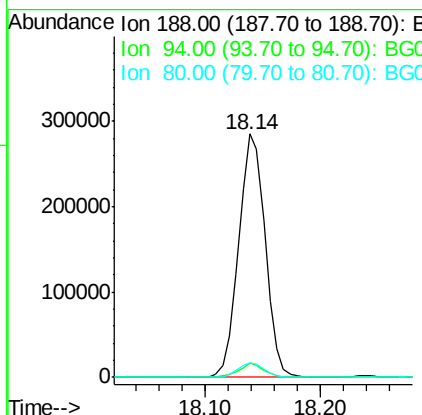
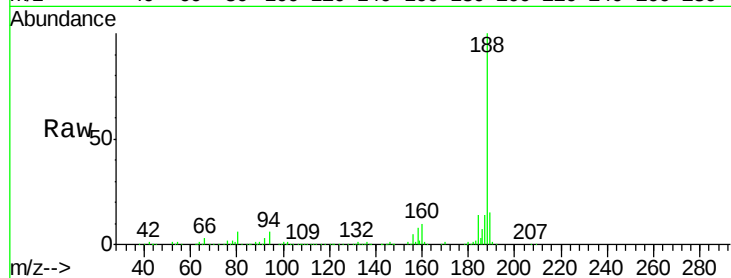




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2527
Delta R.T. -0.02 min
Lab File: BG031968.D
Acq: 10 Jan 2018 5:49

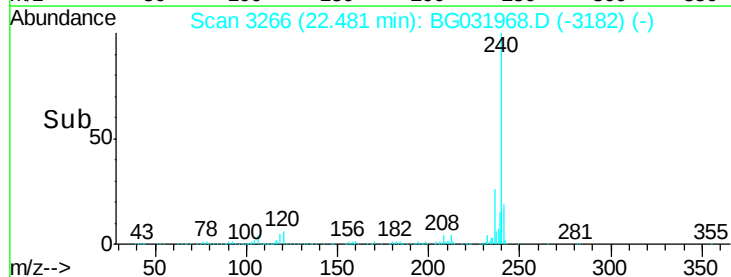
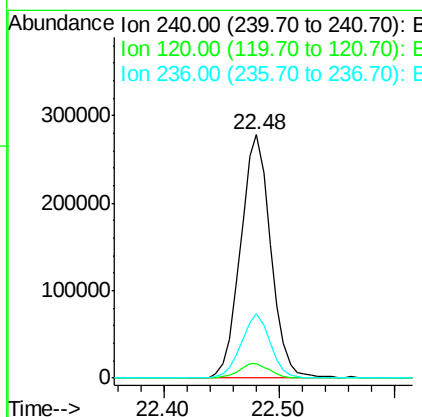
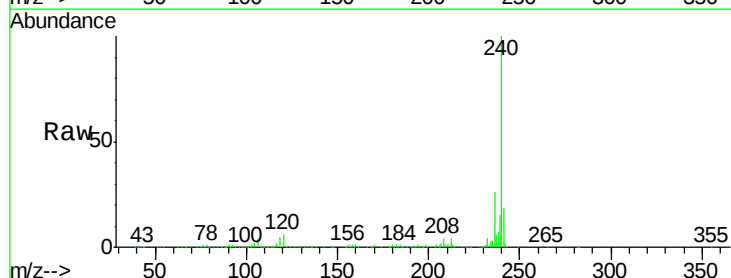
Instrument :
BNA_G
ClientSampleId :
SP-COMP-B

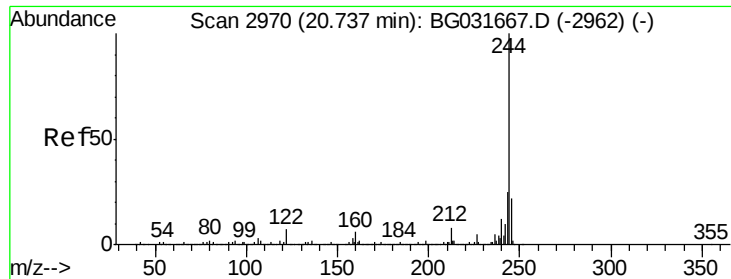
Tgt Ion:188 Resp: 453476
Ion Ratio Lower Upper
188 100
94 5.8 6.9 10.3#
80 6.0 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.48 min Scan# 3266
Delta R.T. -0.04 min
Lab File: BG031968.D
Acq: 10 Jan 2018 5:49

Tgt Ion:240 Resp: 504573
Ion Ratio Lower Upper
240 100
120 5.7 6.8 10.2#
236 26.4 20.9 31.3





#78

Terphenyl-d14

Concen: 82.345 ng

RT: 20.68 min Scan# 2959

Delta R.T. -0.02 min

Lab File: BG031968.D

Acq: 10 Jan 2018 5:49

Instrument :

BNA_G

ClientSampleId :

SP-COMP-B

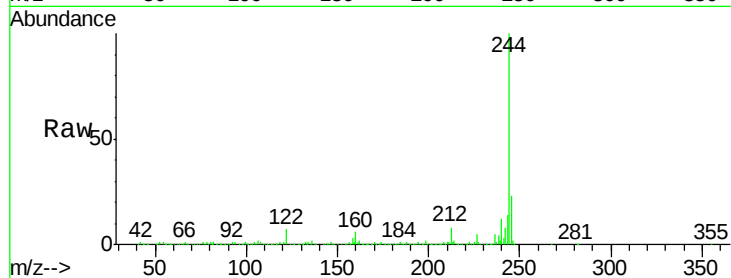
Tgt Ion:244 Resp: 1818624

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

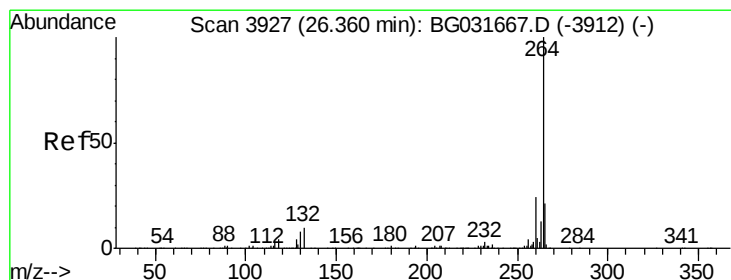
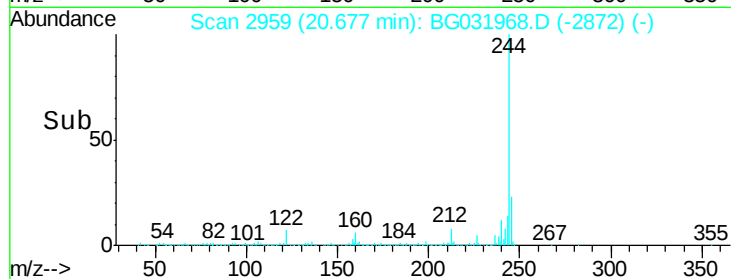
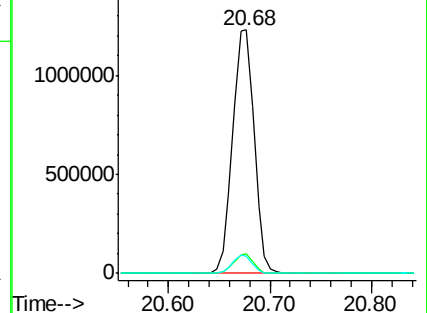
122 6.9 7.0 10.4#



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: 26.21 min Scan# 3900

Delta R.T. -0.09 min

Lab File: BG031968.D

Acq: 10 Jan 2018 5:49

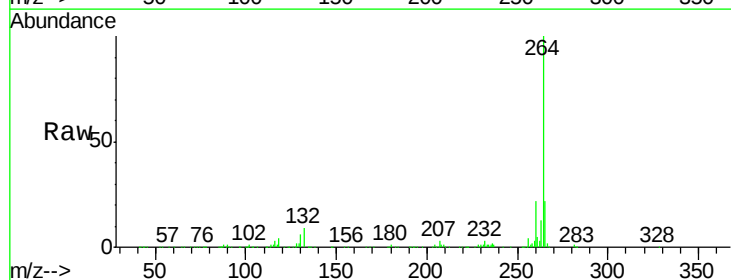
Tgt Ion:264 Resp: 507532

Ion Ratio Lower Upper

264 100

260 22.4 17.4 26.0

265 22.2 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

