

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG010918\
 Data File : BG031967.D
 Acq On : 10 Jan 2018 5:11
 Operator : SJ/JU
 Sample : J1044-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-COMP-A

Quant Time: Jan 10 06:30:55 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	61560	20.00	ng	-0.01
21) Naphthalene-d8	11.66	136	253382	20.00	ng	-0.01
38) Acenaphthene-d10	15.41	164	177170	20.00	ng	-0.02
63) Phenanthrene-d10	18.14	188	456741	20.00	ng	-0.02
75) Chrysene-d12	22.48	240	509219	20.00	ng	-0.04
86) Perylene-d12	26.20	264	516458	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	375611	111.13	ng	0.00
7) Phenol-d6	7.88	99	435299	99.20	ng	0.00
23) Nitrobenzene-d5	9.97	82	314669	93.78	ng	-0.01
41) 2,4,6-Tribromophenol	16.88	330	382428	141.46	ng	-0.02
44) 2-Fluorobiphenyl	14.04	172	1134098	80.34	ng	-0.01
78) Terphenyl-d14	20.67	244	2007448	90.07	ng	-0.02

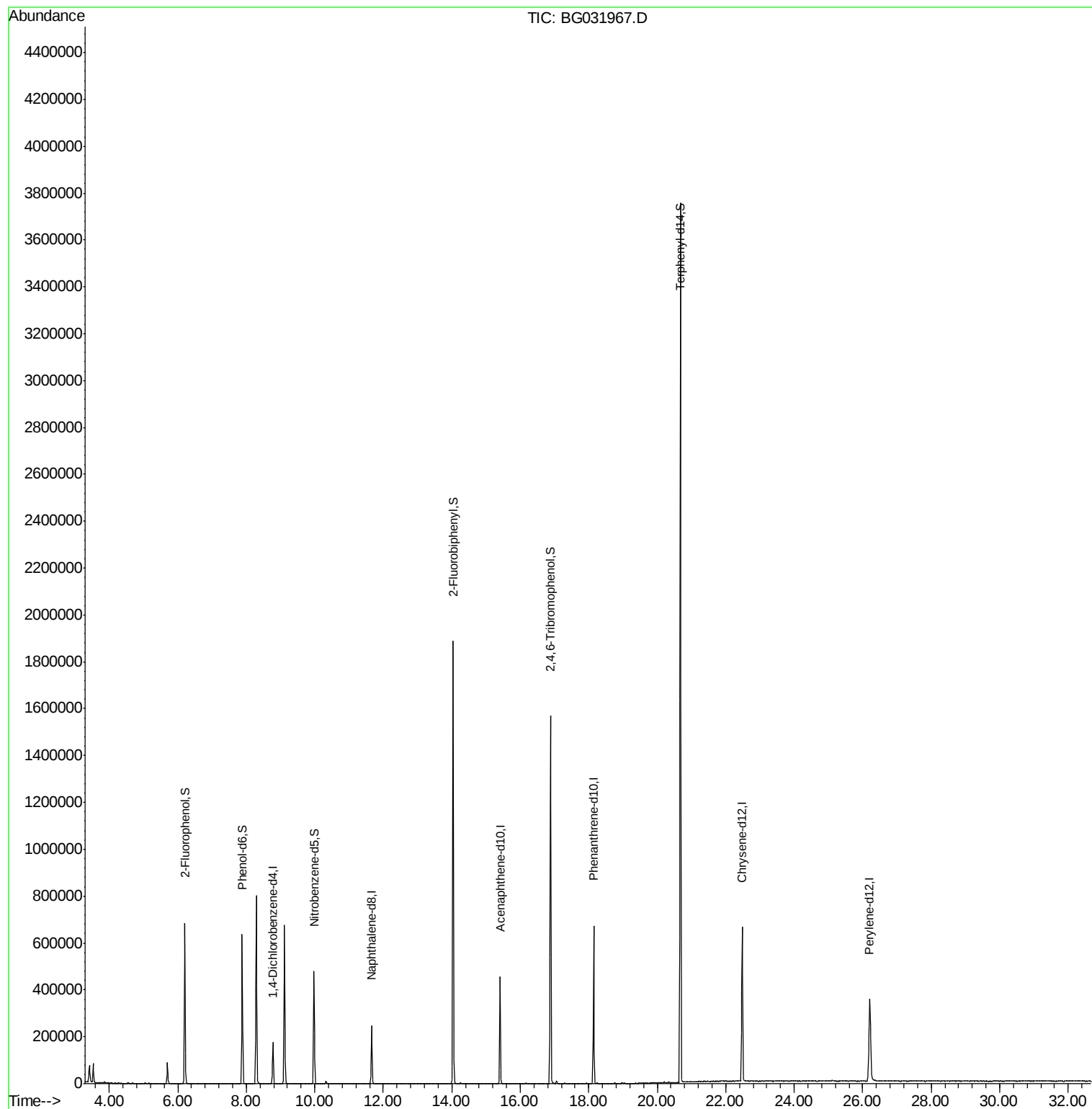
Target Compounds	Qvalue
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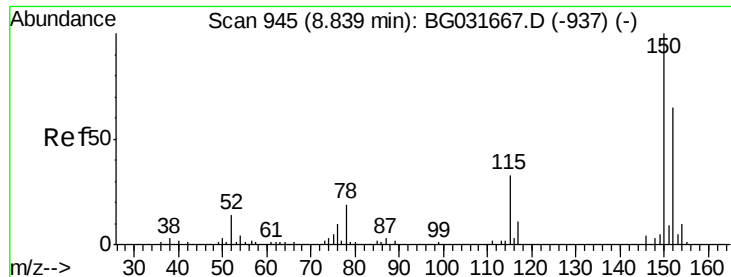
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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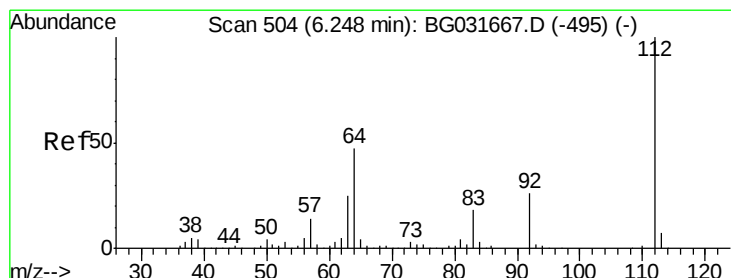
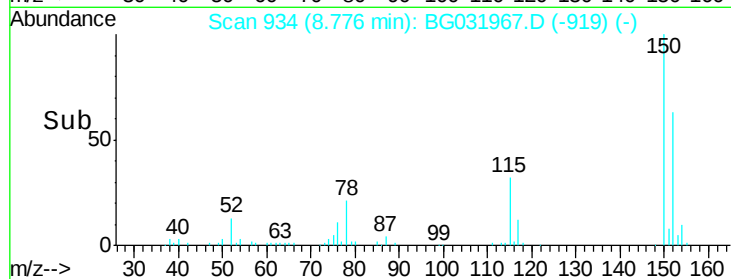
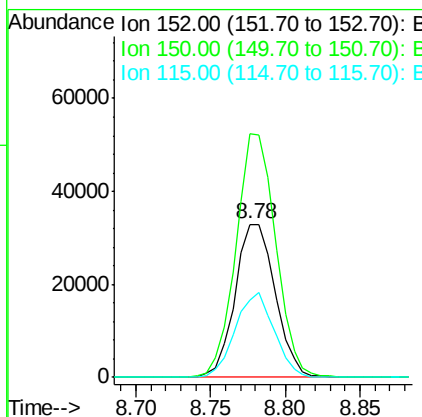
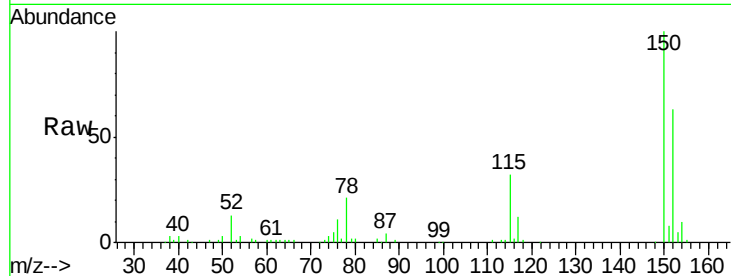


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.78 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: BG031967.D
 Acq: 10 Jan 2018 5:11

Instrument :
 BNA_G
 ClientSampleId :
 SP-COMP-A

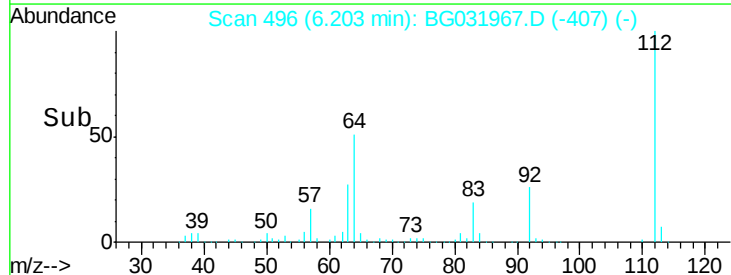
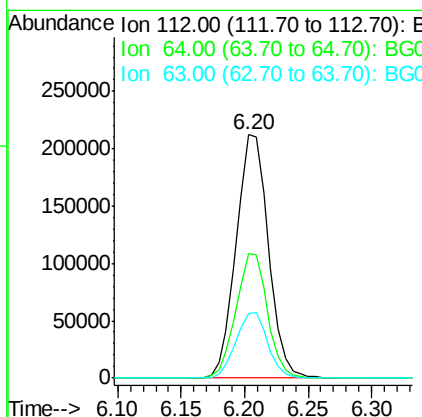
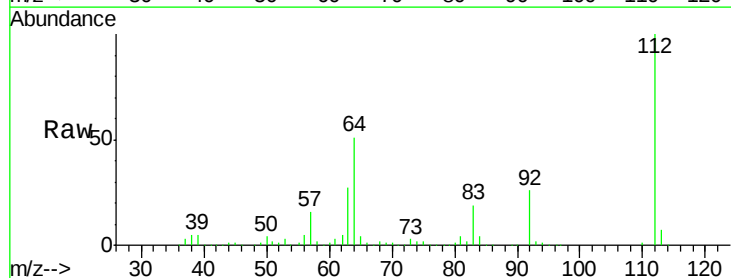
Tgt Ion:152 Resp: 61560
 Ion Ratio Lower Upper
 152 100
 150 159.2 126.6 189.8
 115 50.9 53.0 79.4#

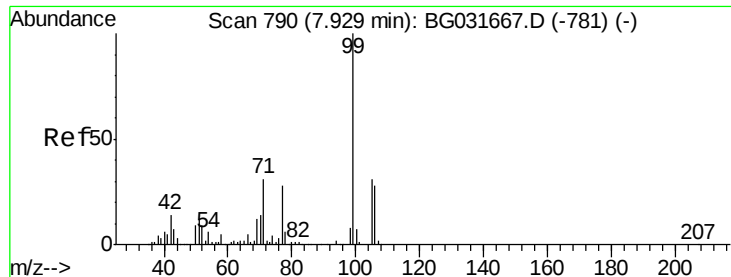


#5

2-Fluorophenol
 Concen: 111.133 ng
 RT: 6.20 min Scan# 496
 Delta R.T. -0.01 min
 Lab File: BG031967.D
 Acq: 10 Jan 2018 5:11

Tgt Ion:112 Resp: 375611
 Ion Ratio Lower Upper
 112 100
 64 50.9 56.3 84.5#
 63 26.6 30.1 45.1#





#7

Phenol-d6

Concen: 99.199 ng

RT: 7.88 min Scan# 782

Delta R.T. -0.01 min

Lab File: BG031967.D

Acq: 10 Jan 2018 5:11

Instrument :

BNA_G

ClientSampleId :

SP-COMP-A

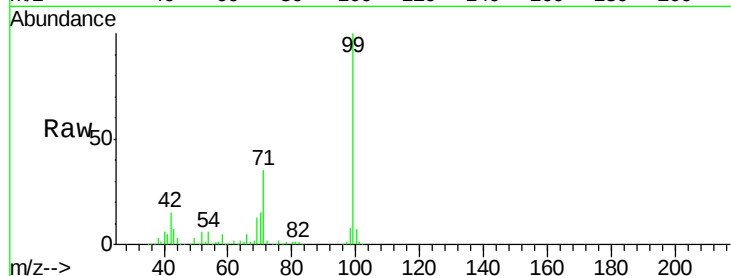
Tgt Ion: 99 Resp: 435299

Ion Ratio Lower Upper

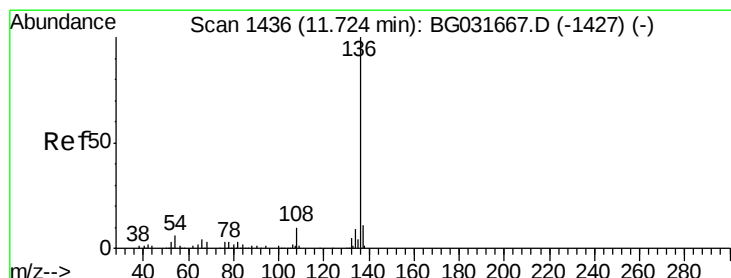
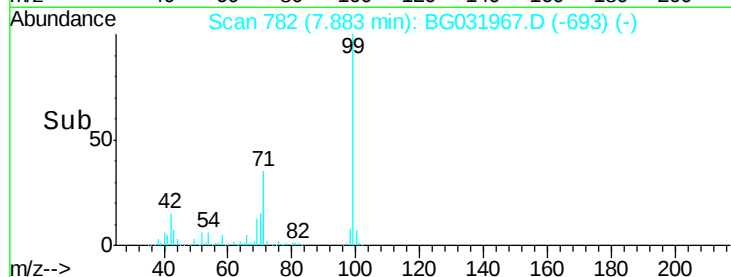
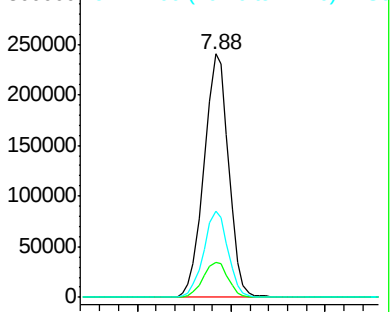
99 100

42 14.5 14.1 21.1

71 35.2 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: BG031967.D

Acq: 10 Jan 2018 5:11

Tgt Ion: 136 Resp: 253382

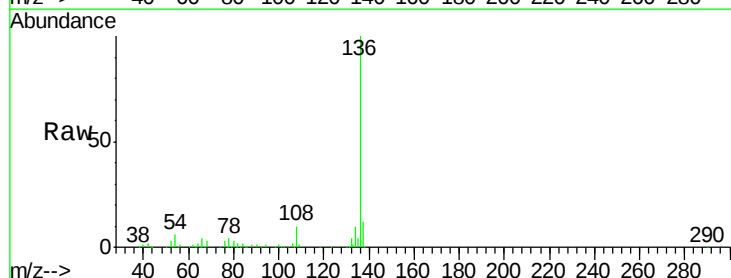
Ion Ratio Lower Upper

136 100

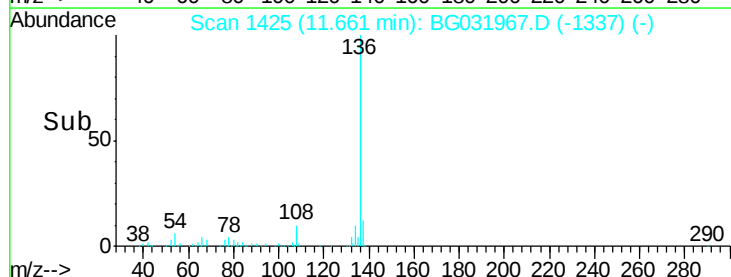
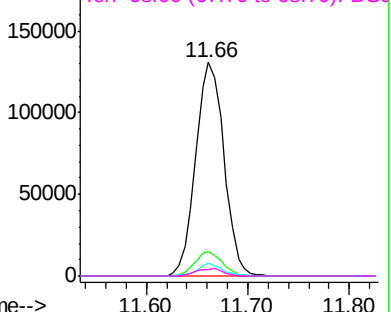
137 11.7 9.2 13.8

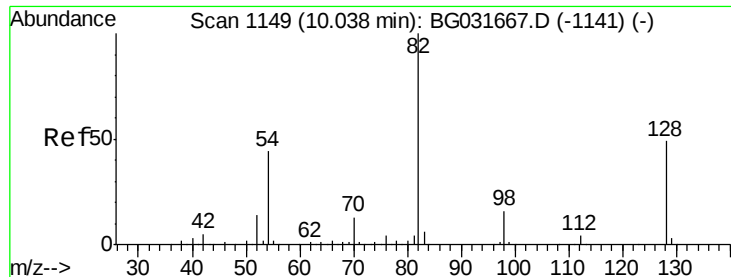
54 5.8 10.3 15.5#

68 3.2 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

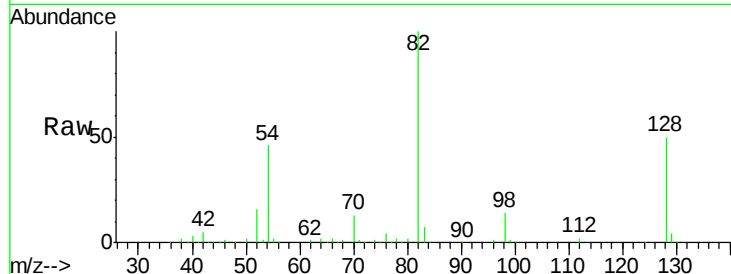




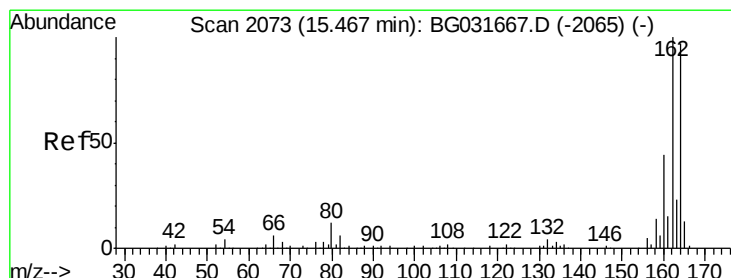
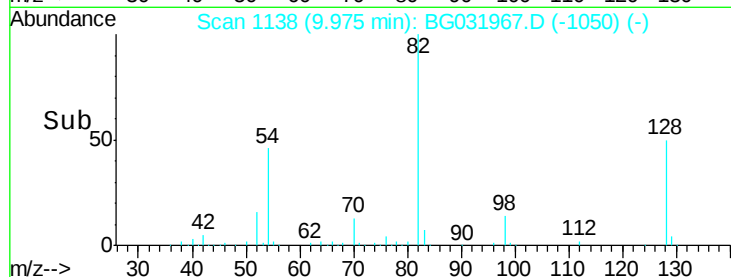
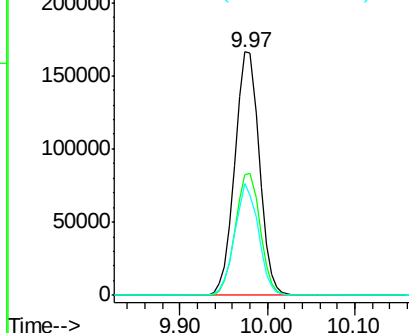
#23
Nitrobenzene-d5
Concen: 93.777 ng
RT: 9.97 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BG031967.D
Acq: 10 Jan 2018 5:11

Instrument :
BNA_G
ClientSampleId :
SP-COMP-A

Tgt Ion: 82 Resp: 314669
Ion Ratio Lower Upper
82 100
128 49.7 29.7 44.5#
54 45.8 43.1 64.7

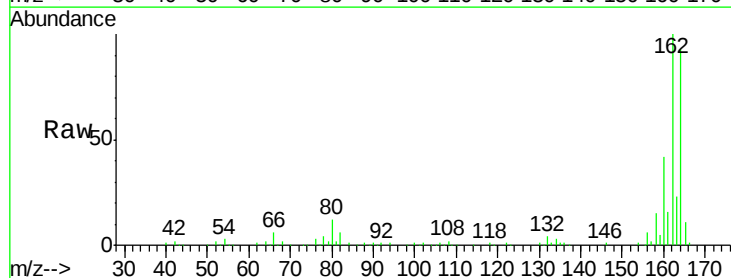


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

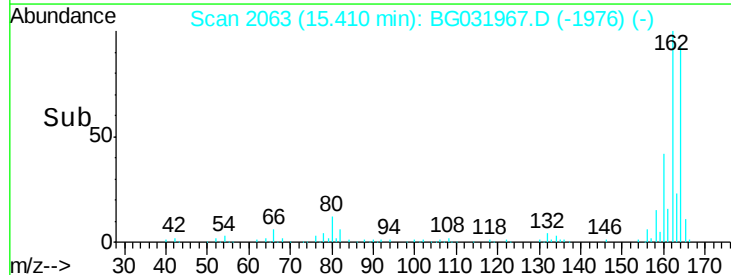
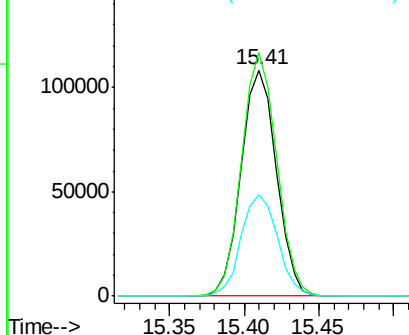


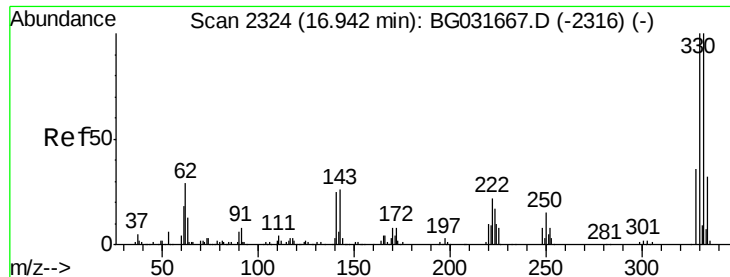
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.41 min Scan# 2063
Delta R.T. -0.02 min
Lab File: BG031967.D
Acq: 10 Jan 2018 5:11

Tgt Ion: 164 Resp: 177170
Ion Ratio Lower Upper
164 100
162 107.8 78.8 118.2
160 45.0 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

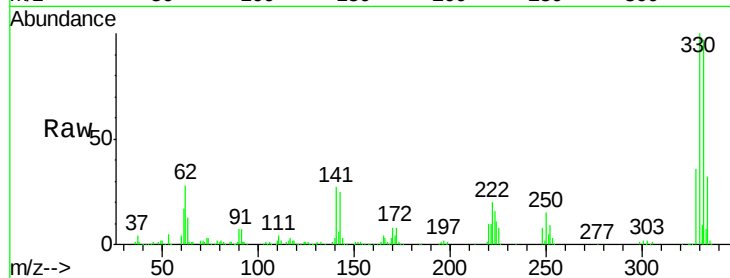




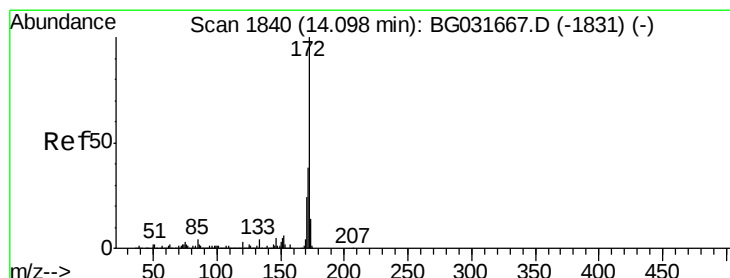
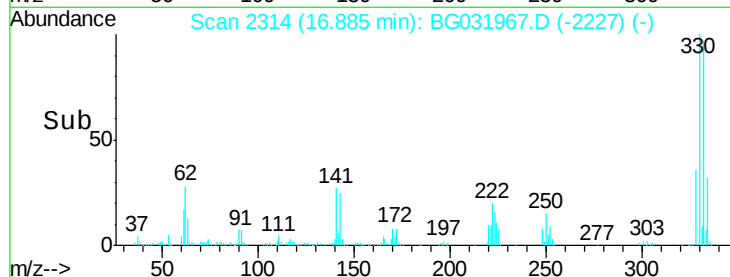
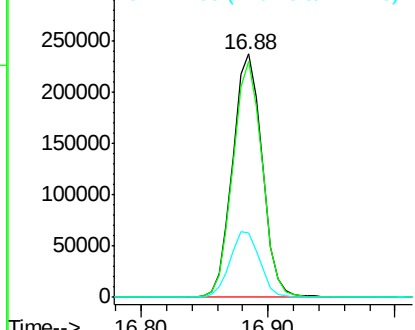
#41
 2,4,6-Tribromophenol
 Concen: 141.463 ng
 RT: 16.88 min Scan# 2314
 Delta R.T. -0.02 min
 Lab File: BG031967.D
 Acq: 10 Jan 2018 5:11

Instrument :
 BNA_G
 ClientSampleId :
 SP-COMP-A

Tgt Ion:330 Resp: 382428
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 27.3 25.2 37.8

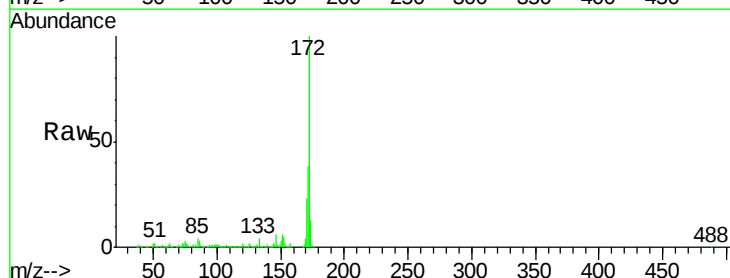


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

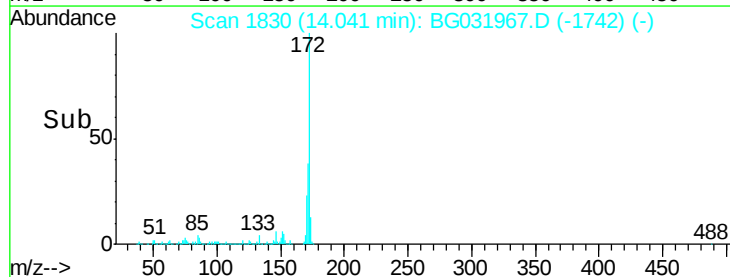
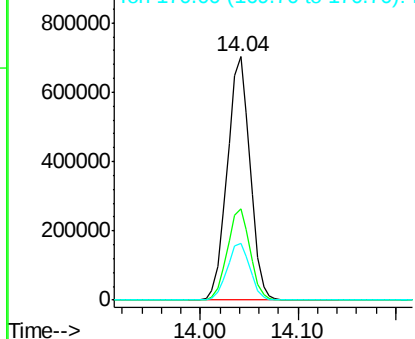


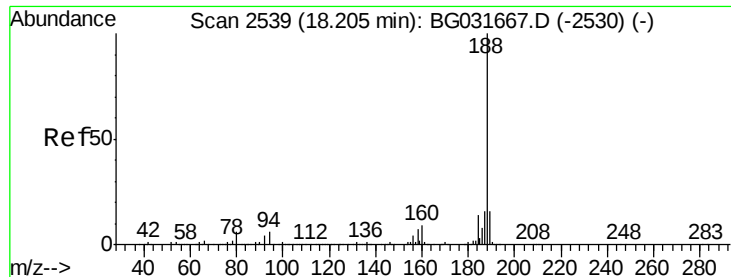
#44
 2-Fluorobiphenyl
 Concen: 80.343 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG031967.D
 Acq: 10 Jan 2018 5:11

Tgt Ion:172 Resp: 1134098
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.0 45.0
 170 23.3 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# 2528

Delta R.T. -0.02 min

Lab File: BG031967.D

Acq: 10 Jan 2018 5:11

Instrument :

BNA_G

ClientSampleId :

SP-COMP-A

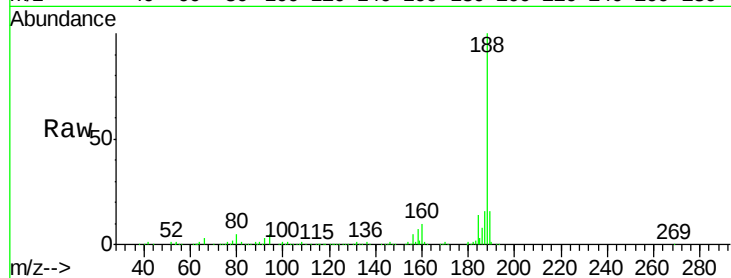
Tgt Ion:188 Resp: 456741

Ion Ratio Lower Upper

188 100

94 5.4 6.9 10.3#

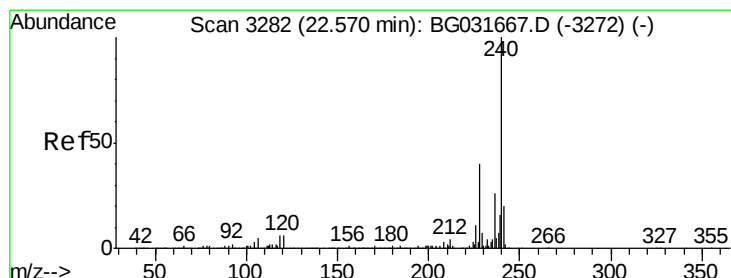
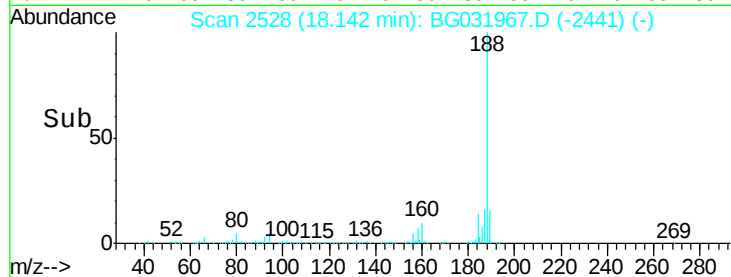
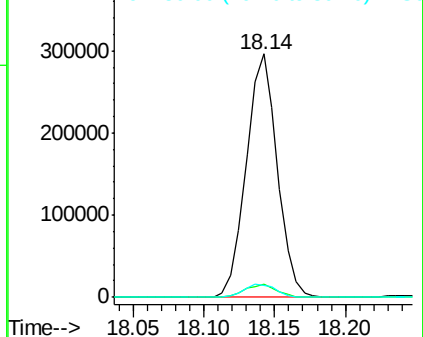
80 5.1 7.7 11.5#



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: 20.000 ng

RT: 22.48 min Scan# 3266

Delta R.T. -0.04 min

Lab File: BG031967.D

Acq: 10 Jan 2018 5:11

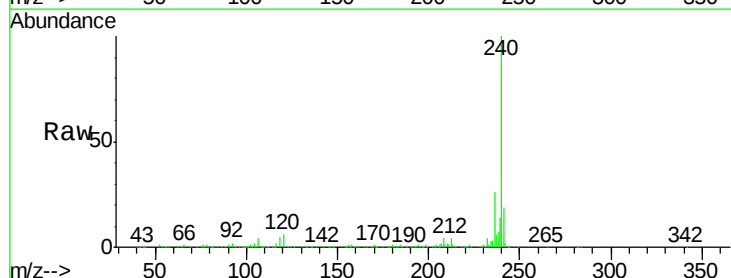
Tgt Ion:240 Resp: 509219

Ion Ratio Lower Upper

240 100

120 6.4 6.8 10.2#

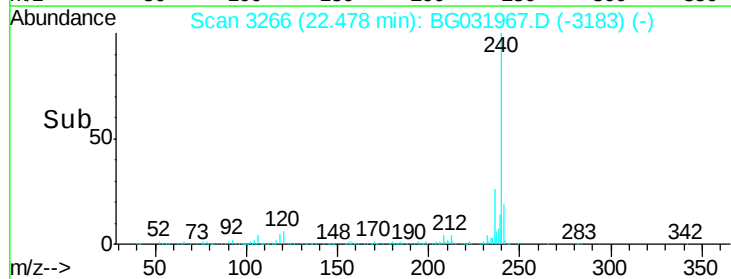
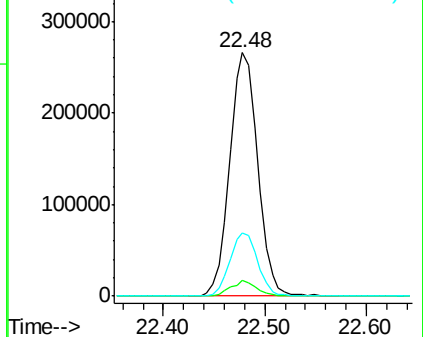
236 25.9 20.9 31.3

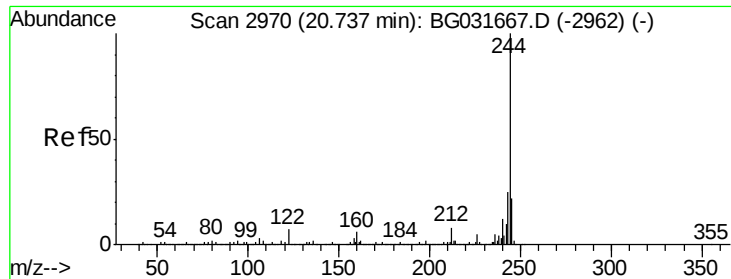


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.066 ng

RT: 20.67 min Scan# 2959

Delta R.T. -0.02 min

Lab File: BG031967.D

Acq: 10 Jan 2018 5:11

Instrument :

BNA_G

ClientSampleId :

SP-COMP-A

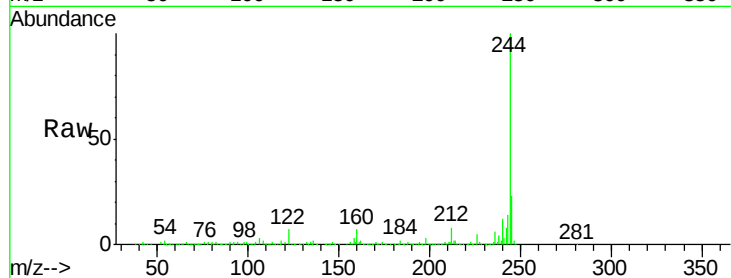
Tgt Ion:244 Resp: 2007448

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

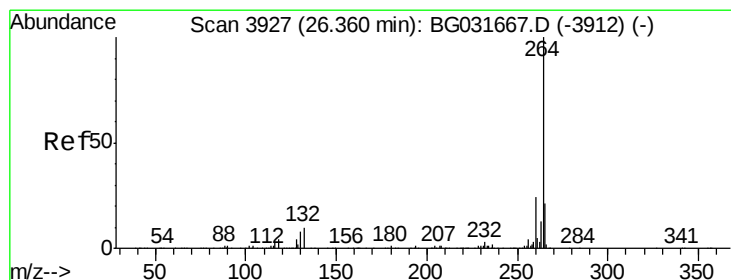
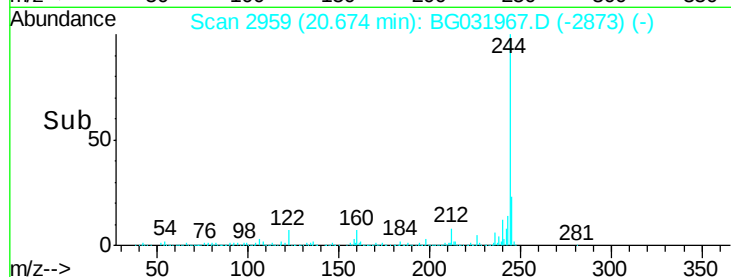
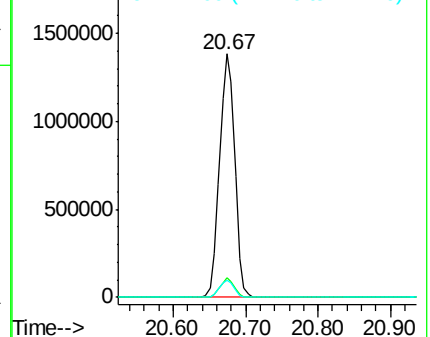
122 7.2 7.0 10.4



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: 26.20 min Scan# 3900

Delta R.T. -0.09 min

Lab File: BG031967.D

Acq: 10 Jan 2018 5:11

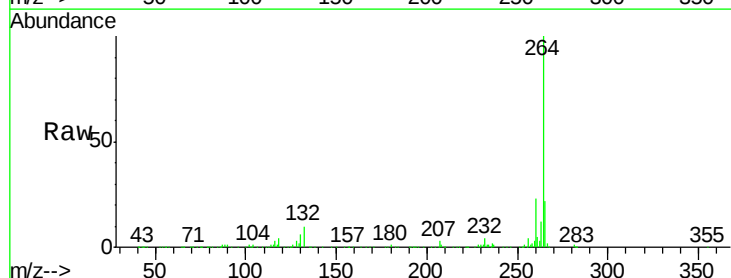
Tgt Ion:264 Resp: 516458

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

265 21.7 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

